

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 280
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 08 Dec 2017 - Friday	

GENERAL COMMENTS

Douglas Mackie and Ellis Island began the day at the dock at the Port of Gulfport. Dredge broke dock at 0500 and sailed to HIP 3 borrow area. Arrived in the borrow area around 1100. After paint test and initial calibrations the dredge began digging load 1 at 1400. The dredge did not finish pumping out the first load until after midnight.

No loads completed today

After commencing dredge operations there was one delay today:

240min - Replace packing gland seal on booster Wadmalaw (continued into the next day 12-09-17)

SAFETY

PRE-SHIFT MEETING:

Derrick; Captain discussed weather and sea conditions, Bad weather is here, rain, cold, dress appropriately for tahe changing weather condition, any safety issues from yesterday. Tasks for today, Housekeeping, working on deficiencies, limited do to weather conditions, Captain read Alerts Alerts and 7 Tips for working in the extreme cold. Give yourself extra time to get to work, roads are getting wet/slippy and possibly freezing later tonight early morning. Yard Crew covered task for today, unload trucks w/equipment. Crews did stretch and flex.

JSA DISCUSSIONS:

Mobro 1706: Housekeeping

Yard: Moving Equipment W/Forklift; Down loading trucks as they come in.
Housekeeping

BEHAVIORAL OBSERVATIONS:

Yard/Bullgang Crews doing there best at getting work done and not getting too wet or cold by taking frequent breaks out of the rain and cold when possible.

SITE CONDITIONS & HOUSEKEEPING:

Today: Rain showers and a slight chance of *sleet/snow* in the early morning, Highs in the upper 30's to low 40's, Real feel of 31* degrees, winds 16 mph from the North. Low in the 30's at night, mixture of rain/snow showers, NW winds 11 mph. ***Watch for freezing & slippy road conditions tonight and tomorrow morning.***
Housekeeping is being done throughout the project site by the crews.

GENERAL COMMENTS:

Cold and Flu season is upon us. Take the time to disinfect your work areas daily. Use disinfecting wipes and Lysol sprays around your work and sleeping areas. If your sick don't spread your gems by shaking hands or not covering your mouth while coughing. Wash hands frequently also. *** Winter Weather Advisory ***today through Saturday. rain/sleety condition possible. ***Plan on icy- slippy road conditions tonight and tomorrow.***

SSHO trained and tested a S.E. on First Aid, CPR, AED & BBP today.

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 281
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 09 Dec 2017 - Saturday	

GENERAL COMMENTS

Ellis Island pumped off her first load in the AM then went back to the borrow area to begin digging her second load. During the second load a list was noticed in the dredge due to uneven loading in the hopper. It was decided to dump the load back in the borrow area for safety.

Load #1 completed today

Delays today:

- 172min - Minor Operating Repairs - Replace packing gland seal on booster Wadamalaw.
- 241min - Minor Operating Repairs - Replace blown hydraulic hose and dump load back into BA due to STBD list.
- 60min - Misc - Make second approach to cube.
- 56min - Misc - Transfer vender technicians & supplies to dredge.

SAFETY

PRE-SHIFT MEETING:

Derrick; Captain discussed weather conditions, cold and icy decks, Job tasks for the day, Drag barge-fueling generators, fix skid, Y-valves, finish manifold, continue to work off P.S. deficiencies, SSHO read Good Catch on Scow 602/Dredge 55, Safety discussed taking smaller/shorter steps until temperature warms up to melt icy decks, work on improving your JSAs tasks steps, Yard Crew covered task for today, unload trucks w/equipment. Moving equipment w/Forklift, Crews participated in stretch and flex exercises

JSA DISCUSSIONS:

Mobro 1706: Hot work; welding, cutting, burning on AB 105, fix ACB manifold & adapter valve, fix skid
 Yard: Moving Equipment W/Forklift; Down loading/unloading trucks as they come in.
 Housekeeping

BEHAVIORAL OBSERVATIONS:

Bullgang crew working on making sure Spud, Landing & Ramp Barges are all good to go. Checking generators, rigging & void covers making sure there all water tight before getting towed out. Crews working together making sure no one is working alone in case someone should slip off the decks. Some areas of the decks were frozen/icy which could cause some one to slip and possibly fall overboard or get injured. Precaution were taking and tasks went smoothly with no injuries this morning.

SITE CONDITIONS & HOUSEKEEPING:

Today; Sunny, Highs in the mid 40's. West winds 5 to 10 mph. Tonight; Mostly clear, Lows in the lower 30's Northwest winds to 10 mph.
 Sunday: Sunny, highs in the lower 50s, N. winds 5 mph, shifting to NW in the afternoon, Sunday night; clear, Low in the mid 30s, West winds 5 mph.
 Housekeeping is being done throughout the project site by the crews.

GENERAL COMMENTS:

SSHO inspected the CBC 907 Landing Barge & the CBC 212 Spud Barge this morning.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 282	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Dec 2017 - Sunday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3C		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 7,165	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 16,230
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>				
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	11:29	MAX	0	TIME	20:24
	MIN	0	TIME	05:56	MAX	1	TIME	20:24
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Weather Caused No Delay		32 °F / 53 °F		10		9		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:				
AFT		9	30	PUMPING:	00:00	01:50	0.0	
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:43	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0	
			1	DUMPING:	00:00	02:42	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:29	0.0	
			0	TO CUT:	00:00	04:17	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	10:01	0.0	
			5,000	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	13:34	0.0	
1	7,165	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:25	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	13:59	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 282
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 Dec 2017 - Sunday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 98+00. The dredge was down from 0240 - 1500 at the pumpout to repair the fuel line on the port main engine.

1 load pumped on Ship Island today: 7,165 CY
 2 loads pumped on Ship Island to date: 16,230 CY

Five Delays today:

- 690min - Repair fuel line on port main engine
- 109min - Hydraulik leak in STBD dredge tunnel
- 16min - Flush discharge boxes
- 15min - Slack dragarm wire alarm
- 9min - Soft shackle fouled on winch

SAFETY

PRE-SHIFT MEETING:

Derrick; Captain discussed weather conditions, safety concerns from yesterday, JSAs that need to be done, getting barges ready for tow possibly tomorrow. Read from the SALT book, work environment, Hot work; work on hand rails, GL 105, Anchor buoys for deck barge, and Ramp barge hydraulics. Yard; Crew covered task for today, Moving equipment w/Forklift, help out Bullgang if needed. Crews participated in stretch and flex exercises and SHAKE hand and eye coordination exercises.

JSA DISCUSSIONS:

Mobro 1706: Hot work; welding, cutting, burning; Housekeeping; Maintenance

Yard: Moving Equipment W/Forklift; Housekeeping

BEHAVIORAL OBSERVATIONS:

Everyone: "Fatigue Management". If your working extremely long hours and getting little to no sleep, it's like working when your intoxicated "drunk". Physically and mentally, your reaction time is slower. Your not thinking clearly, dragging your feet, head in the clouds. You need to speak up if you feel your over doing it, getting pushed beyond your limits. Call an "All Stop", "Time Out" before someone gets hurt. Just my observation of what I've seen and hear.

SITE CONDITIONS & HOUSEKEEPING:

Sunday: Sunny, highs temperature around 54, Humidity 66%, winds will be 7 mph from the SSW. Night, Clear, low temps around 42, humidity 78%, Winds around 9 mph from the W.

Housekeeping is being maintained throughout the project site by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Safety/Bullgang crew worked off some more P.S. Open Issues on the AB's.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 283			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Dec 2017 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3 B/C		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 16,516	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 32,746		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:56	MAX	1	TIME	20:24	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:55	MAX	1	TIME	20:15	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			35 °F / 60 °F		14		14'		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	03:37	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	01:51	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:07	0.0		
			1		CONNECTING:	00:00	00:22	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	07:36	0.0		
			0		DISCONNECTING:	00:00	00:49	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	03:28	0.0		
			5,000		TOTALS:	00:00	21:50	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:13	0.0	
2	16,516	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	01:57	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	02:10	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 283
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 11 Dec 2017 - Monday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

2 loads pumped on Ship Island today: 16,516 CY
4 loads pumped on Ship Island to date: 32,746 CY

Six Delays Today:

- 39min - Remove cable hanging over side of dredge from STBD draghead
- 38min - Clean trash from dragheads
- 16min - Dragarm slack wire alarm
- 15min - Flush discharge valves
- 13min - Slow bell for passing vessel
- 9min - Wait to send material

SAFETY

PRE-SHIFT MEETING:

Derrick; Captain discussed weather conditions, safety concerns, daily tasks for the day, JSAs needed for today, Moving Barges, Crane Lifts, Relocate Discharge Pipe, work off Safety Issues, SSHO discussed Fatigue Management with Crew, Yard: Operators & Shore men discussed tasks that needed to be done, Continue to help out Bullgang with Y-Valves brackets, do JSAs before work, wear all your PPE when walking around yard. Crews participated in stretch and flex exercises and SHAKE hand and eye coordination exercises.

JSA DISCUSSIONS:

Mobro 1706: Hot work; welding, cutting, burning; Fabricate & weld bands for Y-Valves; Housekeeping; Maintenance

Yard: Moving Equipment W/Forklift; Hot work; Bolt Y-Valve brackets/straps to tanks

BEHAVIORAL OBSERVATIONS:

Crane Operator and Bullgang Crew organized, cleaned up, rigging, solid round bar & racks, and removed trip and fall hazards on the Derrick's deck. Crews wore all required PPE for the task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny, high temperature around high 50's to low 60's, Night, Clear, low of 35, winds will be 13 mph from the W.
Tomorrow: Sunny, highs in the upper 50's. NW winds 5 to 15 mph.

Housekeeping is being maintained throughout the project site by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

SSHO assisted E Fire Southern trying to get our Fire extinguishers all up to date. Some needed to be ordered.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 284
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Dec 2017 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3 B/C	Ship Island	18,367	51,113
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:56	MAX	1	TIME	20:24	GAGE LOCATION Air Force Tower
	MIN	1	TIME	20:15	MAX	0	TIME	05:55	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	41 °F / 61 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT				EFFECTIVE WORKING TIME:			
		9	30	PUMPING:	00:00	03:04	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:47	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	03:48	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:24	0.0
			1	DUMPING:	00:00	06:43	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	01:00	0.0
			0	TO CUT:	00:00	03:33	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	19:19	0.0
			5,000	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
2	18,367	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	04:10	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	04:41	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 284
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Dec 2017 - Tuesday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

2 loads pumped on Ship Island today: 18,367 CY
6 loads pumped on Ship Island to date: 51,113 CY

Ten Delays Today:

- 62min - Wait on booster
- 51min - Line flush (two delays)
- 41min - Remove wire from port draghead
- 38min - Testing automation system
- 34min - Stores transfer
- 31min - Heavy Winds
- 21min - Dragarm slack wire alarm (two delays)
- 3min - Crewboat transfers

SAFETY

PRE-SHIFT MEETING:

Dredge; Captain discussed weather and sea conditions, today's scope of work, going over incinerator operation, trash separation and the importance for the crew to know how to operate/manage the incinerator, housekeeping and working off P.S. deficiencies on Ellis and Mackie. Captain praised crew for continued good and safe work, Crew participated in stretch and flex exercises.

JSA DISCUSSIONS:

Connecting/Disconnecting Bow Coupling; Inspect/Cleaning Dragheads; Connecting/Disconnection Cube Connections; Housekeeping

BEHAVIORAL OBSERVATIONS:

SSHO was working with Captain and working off P.S. Open Issues while doing a Hazard Hunt and finding an oil leak which the crew addressed right away. AEDs are operational and put up with their weekly inspection tags and signage. Crews working safely and completing their JSAs prior to task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny, highs in the upper 50's. NW winds 5 to 15 mph. Night; clear lows in the 30's, NW winds 5 to 10 mph.
Wednesday; Sunny, Highs in the upper 50's, SW winds to 10+mph, Lows in the 40's & clear

Housekeeping is being maintained throughout the project site by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Harold Valentine (DSHEM) will be out in the morning going to the Dredge tomorrow. Continue to work on your JSAs and use the newer Rev. 4 forms please. Supervisors review, print and initial JSAs. Check the JSAs that are completed and make sure they are filling them out completely.

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 285
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Dec 2017 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3 B/C	Ship Island	9,871	60,984
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:55	MAX	1	TIME	20:15	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:55	MAX	1	TIME	19:42	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	33 °F / 56 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	02:08	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	01:01	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	01:44	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:09	0.0
			1	DUMPING:	00:00	03:49	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:17	0.0
			0	TO CUT:	00:00	01:56	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	11:04	0.0
			5,000	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	12:29	0.0
1	9,871	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:27	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	12:56	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 285
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 13 Dec 2017 - Wednesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

1 load pumped on Ship Island today: 9,871 CY
7 loads pumped on Ship Island to date: 60,984 CY

Eight Delays Today:

- 621min - Troubleshoot and repair articouple system (two delays)
- 82min - Restore power to barge
- 20min - Dredge engine RPM control issues
- 20min - Wait on STBD dredge pump engine
- 15min - Line flush
- 12min - Flush discharge boxes
- 6min - Draghead hoist automation issues

SAFETY

PRE-SHIFT MEETING:

Derrick Captain discussed weather conditions, tasks that need to be completed today, crane lifts, hot work, housekeeping, safety concerns from yesterday, Fill Site dump area; sub- contractors near/close to "Safety Zones". SSHO read IIF Dashboard of Bodily Injuries as of 11/30/2017 "26" Recordable injuries; Recordable Injuries by Type of Incident graph 1 Jan - 30 Nov. 17. Yard: Crew discussed tasks for the day, weather conditions, discussed JSAs needed today. winter driving safety, Crew participated in stretch and flex exercises.

JSA DISCUSSIONS:

Bullgang: Hot work; Welding, Cutting & Burning; Crane Lifts; Containers, Equipment & Generators; Moving Barges; Housekeeping
Yard: Move Equipment W/Forklift; Fueling Equipment

Ellis: Inspect/Cleaning Dragheads; Connecting/Disconnection Cube Connections; Housekeeping; Inspecting Discharge boxes

BEHAVIORAL OBSERVATIONS:

Captain had to talk to the Deckhands/subcontractors to be aware of their surrounding while they were docked up at the Dump site/Fill Site yesterday. Deckhands were looking for shells and not really paying attention to their surroundings, "Safety Zones" of the Marsh Buggy. Captain talked to the two crew members and told them for their best interest to leave the dump site. They weren't part of the JSA and can wait till the Island gets bigger to stretch their legs. Good call.

SITE CONDITIONS & HOUSEKEEPING:

Today; Partly cloudy, Highs of 57, 59% humidity, winds from the S. 7 mph, Lows in the 30's, most cloudy, 11 mph winds from the West. 81% humidity.

Thursday: Partly cloudy, Highs in the mid 60's, SW winds to 5+mph, Night: lows in the 40's

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards, especially Mobro 1706! Big improvement.

GENERAL COMMENTS:

SSHO/SA conducting New hire Orientation: We have three New Hires today.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 286			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Dec 2017 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3 B/C		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 9,634	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 70,618		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:55	MAX	1	TIME	19:42	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:59	MAX	1	TIME	19:57	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			44 °F / 60 °F		10		8		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:53	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	02:26	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	03:50	0.0	
			1		CONNECTING:		00:00	00:53	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	04:02	0.0	
			0		DISCONNECTING:		00:00	00:31	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	01:40	0.0	
			5,000		TOTALS:		00:00	18:15	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	9,634	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	03:26	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	02:19	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	05:45	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 286
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Dec 2017 - Thursday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

1 load pumped on Ship Island today: 9,634 CY
8 loads pumped on Ship Island to date: 70,618 CY

Seven Delays Today:

- 146min - Troubleshoot and repair articouple system
- 96min - Backup vosta automation system settings
- 57min - Work on port and starboard swell compensator
- 23min - Crewboat personnel transfers (two delays)
- 20min - Clean trash from dragheads
- 3min - Dredge pump repairs

SAFETY

PRE-SHIFT MEETING:

Crane/Yard: Deck Captain questioned the crew about any safety concerns from the previous day. Also discussed job tasks for the day including loading heavy equipment on the barge and placing pontoon tanks in the water. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Yard: Crane lifting, moving barges, welding/cutting/burning

BEHAVIORAL OBSERVATIONS:

Observed the crew performing multiple lifts with the crane. The crane operator and crew worked safely and communicated well throughout the entire task. Observed the welders utilizing safe work practices and wearing all required PPE while fabricating a mount for the dozer elevation sensor.

SITE CONDITIONS & HOUSEKEEPING:

Pleasant conditions today with daytime highs in the low 60s. The yard and crane crews are doing a good job maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around at the yard and on the Mobro Crane. Also conducted a Predictive Solutions inspection with a few minor discrepancies noted which were fixed on the spot by the crew. Crews were busy placing pontoons in the water and securing them to the crane in preparation for the pipes which may be floated tomorrow. SSHO conducted training on Winter Walking Safety and Cell Phone/Electronic Device Policy with the Yard/Crane crew.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 287
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Dec 2017 - Friday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

2 loads pumped on Ship Island today: 19,781 CY
10 loads pumped on Ship Island to date: 90,399 CY

Four Delays Today:

- 30min - Shut down for fill site
- 16min - Flush discharge boxes
- 11min - Dredge pump won't clutch out (two delays)

SAFETY

PRE-SHIFT MEETING:

Crane/Yard: Deck Captain questioned the crew about any safety concerns from the previous day. Also discussed job tasks for the day including loading heavy equipment on the barge and fabricating stoppers. SSHO discussed hand awareness and slips/trips/falls with the crew. Also reminded crews to ensure they are addressing these hazards on their JSAs. Stretch and flex exercises conducted followed by SHAKE training.

JSA DISCUSSIONS:

Yard: moving barges, welding/cutting/burning

BEHAVIORAL OBSERVATIONS:

Observed crews performing safe vessel transfers and communicating well with the Tug Captain while moving barges. Crews were maintaining good posture while handling lines and watching the bite of the line as they were making up to the barges. Observed the welders utilizing safe work practices and wearing all required PPE while fabricating stoppers.

SITE CONDITIONS & HOUSEKEEPING:

Cold front hit the area with breezy conditions, light rain and daytime highs in the upper 40s. The yard and crane crews are doing a good job maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around on the Mobro Crane. Crews were busy moving barges to load heavy equipment. Pipes did not get floated due to tide height and lack of supporting vessels. Emma Kate was down all day for repairs which affected crew boat schedule. SSHO conducted a JSA audit. SSHO ordered winter PPE for Bullgang and safety signs needed for the Dredge and supporting equipment.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 288					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Dec 2017 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3 B/C		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 18,130	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 108,529				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>37 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	06:13	MAX	1	TIME	20:27				
	MIN	0	TIME	06:35	MAX	1	TIME	21:00				
GAGE LOCATION		Air Force Tower										
GAGE DATUM		1										
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			41 °F / 55 °F		10		9				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:					00:00	03:02	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:					00:00	01:25	0.0
AVERAGE SPEED OF DREDGE DURING LOADING							TO DUMP:		00:00	03:08	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING							CONNECTING:		00:00	00:24	0.0	
GALLONS OF FUEL OIL CONSUMED					2,233		DUMPING:		00:00	08:39	0.0	
GALLONS OF WATER CONSUMED					500		DISCONNECTING:		00:00	00:36	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0
2	18,130	Ship Island	0		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:19	0.0
					MINOR OPERATING REPAIRS:					00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
					LAY TIME:					00:00	00:00	0.0
					FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:					00:00	02:38	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					00:00	02:57	0.0
					LOST TIME:							
					MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 288
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Dec 2017 - Saturday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

2 loads pumped on Ship Island today: 18,130 CY
 12 loads pumped on Ship Island to date: 108,529 CY

Two Delays Today:

158min - Dragarm calibrations
 19min - Slow bell for traffic

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman questioned the crew about any safety concerns from the previous day. Also discussed job tasks for the day including building/maintaining containment. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Fill Site: transporting equipment with dozer, building/maintaining containment, working the light plant, fueling equipment.

Booster: cleaning out lower pump room, working on pump

BEHAVIORAL OBSERVATIONS:

Fill Site: Observed operators utilizing heavy equipment in a safe manner while building containment. Operators utilized good communication and ensured crews were observing safety zones while working around heavy equipment. Also observed Shoreman conducting daily/weekly inspection of equipment.

Booster: Observed crews utilizing safe work practices and wearing all required PPE while working on the #2 pump on the booster.

SITE CONDITIONS & HOUSEKEEPING:

Cool and sunny conditions with daytime highs in the mid 50s. The fill site and booster crews are doing a good job maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around at the Fill Site and on the booster WADMALAW. Fill crew was busy building/maintaining containment. Booster crews were busy cleaning out the lower pump room and working on the #2 pump. Conducted Predictive Solutions at the Fill Site and on the Booster. SSHO developed a vessel Transfer binder for the crew boat Brooke Elizabeth. Issued binder to the vessel Captain and conducted training with the Captain and Deckhand. Also provided spare PPE to the crew boat.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 289
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Dec 2017 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3 B/C	Ship Island	7,592	116,121
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	06:35	MAX	1	TIME	21:00	GAGE LOCATION Air Force Tower
	MIN	0	TIME	07:01	MAX	1	TIME	21:34	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	55 °F / 68 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	05:14	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	02:52	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	03:05	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:10	0.0
			1	DUMPING:	00:00	03:41	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:25	0.0
			0	TO CUT:	00:00	02:03	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	17:30	0.0
			1,500	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	06:30	0.0
1	7,592	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	06:30	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 289
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Dec 2017 - Sunday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

1 load pumped on Ship Island today: 7,592 CY
13 loads pumped on Ship Island to date: 116,121 CY

Two Delays Today:

329min - Troubleshoot power loss on barge
61min - Trouble issues with articouple

SAFETY

PRE-SHIFT MEETING:

Yard: Deck Captain questioned the crew about any safety concerns from the previous day. Also discussed job tasks for the day including working on the sub line and crane lifts. SSHO discussed forecast for upcoming rainy weather, safety awareness during crane lifts and the use of tag lines. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Yard: crane lifts, welding/cutting/burning.

BEHAVIORAL OBSERVATIONS:

Yard: Observed crews utilizing safe work practices and communicating well while working with the tug boats, anchor barge and crane to prep the subline. Crews were wearing all required PPE, observing safety zones and stayed out of the line of fire. Observed the crane operator safely perform multiple lifts. He communicated well with the deckhands throughout the lifts. Deckhands used tag lines and proper hand signals as well. Observed the Mate performing weekly equipment inspections.

SITE CONDITIONS & HOUSEKEEPING:

Storm front came through the area bringing heavy rain and warmer temperatures with daytime highs in the upper 60s. The yard crew continues to do a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the AB 113. The Welder fixed one minor issue on the spot. Yard crew was busy offloading light plants from the derrick, lifting pontoons into the water, and preparing the subline for transfer to the fill site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 290
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Dec 2017 - Monday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

2 loads pumped on Ship Island today: 8,612 CY
15 loads pumped on Ship Island to date: 124,733 CY

Six Delays Today:

- 140min - Slow bell to pumpout for repairs to port dragarm hydraulic system
- 61min - Repairs to port trunnion hoist
- 47min - Line flush
- 45min - Troubleshoot articouple system
- 39min - Repair hydraulic leak in port tunnel
- 15min - Crewboat personnel transfer

SAFETY

PRE-SHIFT MEETING:

Ellis Island/Mackie: Captain questioned the crew about any safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Ellis Island/Mackie: inspecting/cleaning drag heads, connecting/disconnecting bow coupling, using the incinerator, personnel transfer, housekeeping/sanitary.

BEHAVIORAL OBSERVATIONS:

Ellis Island/Mackie: Observed the crew utilizing safe work practices and wearing all required PPE while inspecting/cleaning the drag heads. Observed the Welders safely installing padeyes on the turtle deflector. Observed crews working and communicating well with each other while prepping the Dredge for dock. Observed crews handing over all items and performing safe vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Rain/mist/fog for most of the day with daytime highs in the upper 60s. The Dredge crew is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Ellis Island. A couple of issues were noted and added to the PS database. Submitted a requisition for safety signs and tags to correct some open issues on the dredge. SSHO conducted a JSA audit on the Emma Kate.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 291
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Dec 2017 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3	Ship Island	7,877	132,610
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1925</u>
	DENSITY OF WATER	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	07:30	MAX	1	TIME	22:09	GAGE LOCATION Air Force Tower
	MIN	0	TIME	08:02	MAX	1	TIME	22:45	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	64 °F / 71 °F	2	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:02	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:35	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	03:40	0.0
			1	CONNECTING:	00:00	00:21	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	03:26	0.0
			0	DISCONNECTING:	00:00	03:27	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	03:27	0.0
			1,500	TOTALS:	00:00	17:58	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
1	7,877	Ship Bottom	0	MINOR OPERATING REPAIRS:	00:00	03:05	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	02:57	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	06:02	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 291
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Dec 2017 - Tuesday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00.

1 load pumped on Ship Island today: 7,877 CY
16 loads pumped on Ship Island to date: 132,610 CY

Nine Delays Today:

- 139min - DQM Insection (Two Delays)
- 119min - Troubleshoot Barge Hydraulics (Two Delays)
- 38min - Clean Trash from Dragheads (Two Delays)
- 31min - Troubleshoot Dredge Pump Clutch
- 31min - Repair Hydraulic Leak in Barge STBD Tunnel
- 4min - Dredge Engine Automation Error

SAFETY

PRE-SHIFT MEETING:

Mobro Crane: Deck Captain questioned the crew about any safety concerns from the previous day and discussed job tasks for the day including loading equipment on the crane barge to send to the fill site. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mobro crane: crane lifting, moving barges, welding/cutting/burning.

BEHAVIORAL OBSERVATIONS:

Mobro crane: Observed the crane operator and crew conduct multiple lifts in a safe and efficient manner. The operator maintained good communication with the crew while they rigged multiple lifts. The crew attached tag lines to all lifts and utilized proper hand signals. Observed the Welders utilizing safe work practices and wearing all required PPE while fabricating a storage container for the rigging.

SITE CONDITIONS & HOUSEKEEPING:

Dense fog throughout most of the day with daytime highs in the mid 70s. The crew on the crane is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

The crew was busy loading Wye vales and shore pipe on the crane in preparation for delivery to the fill site. SSHO conducted a safety walk around on the crane.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 292
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 20 Dec 2017 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3	Ship Island	15,470	148,080
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:02	MAX	1	TIME	22:45	GAGE LOCATION Air Force Tower
	MIN	0	TIME	08:35	MAX	1	TIME	23:22	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	55 °F / 75 °F	1	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	02:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:45	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	02:06	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:23	0.0
			1	DUMPING:	00:00	02:28	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:14	0.0
			0	TO CUT:	00:00	01:56	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	09:52	0.0
			1,500	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	15,470	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	10:44	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	03:24	0.0
				TOTALS:	00:00	14:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 292
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 20 Dec 2017 - Wednesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued dredging in HIP 3 Borrow Area and pumping out at Ship Island on subline #1 at station 97+00. At 1655, the dredge began sailing to Port of Gulfport for repairs.

2 loads pumped on Ship Island today: 15,470 CY
 18 loads pumped on Ship Island to date: 148,080 CY

Six Delays Today:

- 426min - Troubleshoot tug articouple system
- 186min - Repair hydraulic fluid leak in STBD tunnel
- 144min - Cube sinke hoses fouled
- 60min - Port and STBD velocity calibrations
- 19min - Flushing discharge boxes
- 13min - Draghead hoist

SAFETY

PRE-SHIFT MEETING:

Mobro Crane: Deck Captain questioned the crew about any safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mobro crane: crane lifting, moving barges, welding/cutting/burning.

BEHAVIORAL OBSERVATIONS:

Observed the crew boat deckhand assisting crew members as they boarded the crew boat. Crews handed all items to the deckhand as they performed hands free vessel transfers wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Dense fog again today with daytime highs in the mid 70s. Crews continue doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted new hire safety orientation and vessel transfer training with the Emma Kate deckhand. Also provided a vessel transfer binder with the current JSA and brief sheet for the crew boat Emma Kate.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 293
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Dec 2017 - Thursday

GENERAL COMMENTS

Ellis Island and Doug Mackie was at dock all day for repairs to articouple and fire suppression systems. No loads completed today.

18 loads pumped on Ship Island to date: 148,080 CY

SAFETY

PRE-SHIFT MEETING:

Fill Site; Foreman discussed weather and site conditions, tasks for today, JSAs needed, fueling equipment/tanks, maintenance, housekeeping, CAT mechanic coming to repair dozer, Dredge to dock around 1700, Bull-gang; Captain discussed weather & sea condition, scope of work for the day, Crane lifts at Fill site; Booster; Crews did stretch and flex along with SHAKE, hand exercises.

JSA DISCUSSIONS:

Fill Site/Bull-gang:
Crane Lifts; Fueling Equipment/Tanks
Working on Cube; Housekeeping

Booster: Fueling; Taking on water:
Housekeeping

BEHAVIORAL OBSERVATIONS:

Bull-gang/Fill Site: Good communication between the Fill Site and the Bull-gang crew working together during crane lifts at the Fill Site. Safety discussion and JSAs done prior.

Booster; Chief covered proper engine start up and fuel transfers procedures with his crew. He wanted to make sure everyone knew what to do in case of an emergency situation and to do it properly by the book/SOP.

SITE CONDITIONS & HOUSEKEEPING:

Partly cloudy, patchy fog in the morning, Highs in the lower 70s. SE winds to 10 mph. Tonight, Cloudy, patchy fog in the evening and later on after midnight. SE winds 5 mph.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Weekly Operations Meeting with PM, SM, QC, SSHO, PE, SA. CAT Mechanic on site to trouble shoot/assess Dozer repairs. Dredge scheduled to dock this evening for repairs

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 294		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Dec 2017 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 148,080	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>			
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	09:09	MAX	1	TIME	00:00	
	MIN	0	TIME	09:42	MAX	1	TIME	00:40	
				GAGE LOCATION		Air Force Tower			
				GAGE DATUM		1			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			64 °F / 74 °F		3		14	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	00:00	0.0	
		FT/MIN		CONNECTING:		00:00	00:00	0.0	
		1	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:00	0.0	
		FT/MIN		TO CUT:		00:00	00:00	0.0	
		0	TOTALS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:					
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
		520	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
		500	MINOR OPERATING REPAIRS:		00:00	24:00	0.0		
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0
					MISCELLANEOUS:		00:00	00:00	0.0
					TOTALS:		00:00	24:00	0.0
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 294
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 22 Dec 2017 - Friday	

GENERAL COMMENTS

Ellis Island and Doug Mackie were at dock all day for repairs to articouple and fire suppression systems. No loads completed today.

18 loads pumped on Ship Island to date: 148,080 CY

SAFETY

PRE-SHIFT MEETING:

Captain and Crew discussed weather conditions, tasks for the day, safety issues or concerns, JSAs for today, working & trouble shooting the Articouple system, maintenance, greasing and housekeeping. Man Overboard incident came out. Make sure we have proper footing, know where your stepping and moving to. Be aware of your surrounding. Crew performed stretching exercises.

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island:
Greasing Cranes & Gear; Housekeeping/Sanitary
Trouble shooting Articouple

BEHAVIORAL OBSERVATIONS:

Captain and Crew working on Articouple to get it back working properly. Captain and Crew taking precautions, wear required PPE, along with having a plan in place. Good communication between all parties involved.

SITE CONDITIONS & HOUSEKEEPING:

Mostly cloudy, Areas of dense fog in the morning. Visibility limited during the morning hours. Highs in the upper 70s. S winds 5 to 10 mph. Night: Cloudy. A 20 percent chance of showers after midnight. Lows in the 60s. S winds 5 to 10 mph.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Dredge Captain & Crew working on the Articouple at the Port/dock.
APE/SE checking on satellite connection to improve Internet capabilities.
SSHO conducting Hazard hunt around Tug/Dredge. Weekly checks/inspection of AEDs.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 295
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Dec 2017 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3	Ship Island	0	148,080
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:42	MAX	1	TIME	00:00	GAGE LOCATION Air Force Tower
	MIN	0	TIME	10:11	MAX	1	TIME	00:40	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	54 °F / 75 °F	5	15

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30				
AFT		9	30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			PUMPING:	00:00	01:58	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			TURNING:	00:00	00:53	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	TO DUMP:	00:00	02:06	0.0
		1	CONNECTING:	00:00	00:23	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DUMPING:	00:00	00:00	0.0
		0	DISCONNECTING:	00:00	02:22	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TO CUT:	00:00	00:00	0.0
		1,500	TOTALS:	00:00	07:42	0.0
GALLONS OF WATER CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED			TO AND FROM WHARF OR ANCHORAGE:	00:00	04:12	0.0
DREDGING AND HAULING		AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	03:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
			MINOR OPERATING REPAIRS:	00:00	08:00	0.0
			TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
			LAY TIME:	00:00	00:00	0.0
			FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT			MISCELLANEOUS:	00:00	01:06	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	16:18
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 295
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 23 Dec 2017 - Saturday	

GENERAL COMMENTS

Ellis Island and Doug Mackie departed the dock in Gulfport yesterday at about 11:15. The dredge began digging Load 19 at 16:03. The load was not completed before midnight, therefore total loads for the day is 0.

18 loads pumped on Ship Island to date: 148,080 CY

Five Delays Today:

- 480min - Testing the articouple system
- 252min - Sail from Gulfport dock to borrow area
- 180min - Departure from dock delayed due to heavy fog
- 51min - Testing green valve
- 15min - Reduce jet pump RPM

SAFETY

PRE-SHIFT MEETING:

Captain and Crew discussed weather and sea conditions, fog is limiting visibility, tasks for the day, JSAs, docking vessel, Dredge will leave sometime this morning, housekeeping- sanitary and maintenance. Captain praised Crew with all their hard work and long hours put in daily. Get Dredge ready to leave port, depending on Pilot, fog and sea condition, Pilot's want a 3 mile visibility before heading out. Crew performed stretching exercises.

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island:
Housekeeping/Sanitary; Docking Vessel;
Move Dredge to new location; Adjusting high level sensor

BEHAVIORAL OBSERVATIONS:

Mechanical Engineer and I witnessed the Dredge crew working on adjusting a high level sensor on the starboard side trunnion. ABS had a step ladder and fall protection on. Crew did there best to do the work safely as possible. Problem is, there needs to be an anchor point above the person going up onto the ladder that holds the required weight limit. Crew did the work safely, had someone hold the ladder and good communication with the Drag Tender. Mechanical Engineer is looking into this. Install a fixed ladder and pad-eye.

SITE CONDITIONS & HOUSEKEEPING:

Mostly cloudy, Chance of showers in the morning and in the afternoon. Highs in the lower 70s. SW winds 5 to 10 mph shifting to the NW in the afternoon. Night: Mostly cloudy in the evening. Lows in the 40s. N winds 5 mph.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Dredge: Captain, Chief & Crew did a good job fixing the Articouple R-pins.
SSHO typing out three Good Catches received on the Douglas B. Mackie/Ellis Island

All Crews on the project are working hard, safely and not getting complacent.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 296			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Dec 2017 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 28,569	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,649		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	10:11	MAX	1	TIME	00:40	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	10:33	MAX	0	TIME	01:21	GAGE DATUM	1
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			47 °F / 64 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	05:17	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	01:23	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	04:04	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:29	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	04:39	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	01:23	0.0		
WORK PERFORMED					TO CUT:	00:00	05:07	0.0		
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	22:22	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
3	28,569	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:53	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:45	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	01:38	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 296
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 24 Dec 2017 - Sunday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 3 Borrow and pumping on Ship Island at the first subline landing around station 97+00.

3 loads pumped on Ship Island today: 28,569 CY
21 loads pumped on Ship Island to date: 176,649 CY

Seven Delays Today:

- 24min - Waiting on dredge pump startup
- 21min - Line flush for fill site (two delays)
- 18min - Replace leaking line for jet pump
- 14min - Troubleshoot dump door pressure
- 12min - Declutching main engine
- 9min - Trunion hoist

SAFETY

PRE-SHIFT MEETING:

Captain and Crew discussed weather conditions, safety concerns or issues that need addressing, JSAs for today, Fire and Boat Drills, WTB talks, Discussed Good Catches & Near Misses and the benefits of reporting to let others know the hazards that are out there. Wadmalaw: Chief and Crew discussed weather conditions, safety concerns, JSAs for today, and for WTB talks covered Stored Energy Awareness, Crews participated in Stretch and Flex exercises.

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island: Using the Incinerator; Connecting/Disconnecting Bow coupling; Personnel Transfers; Housekeeping/Sanitary; Inspecting/Cleaning Dragheads

BEHAVIORAL OBSERVATIONS:

For WTB talks Captain discussed tips for reducing hazards of working around bits and lines along with Mate conducting Fire and Boat drills with crew. Good participations, hands on training and communication for crew and personnel on board. Chief on the Wadmalaw discussed "Stored Energy Awareness", and conducting weekly AED inspections making sure battery and pads are working properly and exercising the zipper to make sure it works correctly and tested Emergency Fuel Shut-Offs.

SITE CONDITIONS & HOUSEKEEPING:

Mostly cloudy in the morning then clearing. Highs in the lower 60s. NW winds 10 mph. Night: Partly cloudy. Lows in the mid 30s. N winds 5 to 15 mph.

Housekeeping is ongoing and being maintained by the crews. Make sure when completing tasks that "Tidy Up" is addressed. I see tools, harnesses and cleaning supplies not in there proper places.

GENERAL COMMENTS:

SSHO performed Noise Monitoring on Dredge Ellis Island and Douglas B. Mackie; We will need to address some of the sleeping areas on main deck in the two crew state rooms where the sleeping areas are loud and occupants will need to start wearing hearing protection. decibel levels are between 83.6 to 89.2 db. Working with Captain and Crew hanging Safety Signage where needed.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 297
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 25 Dec 2017 - Monday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 3 Borrow and pumping on Ship Island at the first subline landing around station 97+00.

2 loads pumped on Ship Island today: 18,557 CY
 23 loads pumped on Ship Island to date: 195,206 CY

Seven Delays Today:

- 20min - Line flush for fill site
- 18min - STBD inboard draghead visor hydraulic leak
- 8min - Flush discharge box (two delays)
- 7min - Ballast down for high winds
- 4min - Wait on booster
- 2min - Jet pumps

SAFETY

PRE-SHIFT MEETING:

Wadmalaw/Booster: Chief Pre-shift discussions included: Safety concerns, weather conditions, staying warm in colder climates. JSAs for today, general housekeeping and painting. Re-test fuel safety shutdowns procedures with crew, Derrick: Crane Operator and crew discussed weather conditions, rigging safety, cold weather exposure, be ready for changing climate, have warmer clothes on hand, JSAs needed for today, housekeeping and maintenance. Crews participated in Stretch and Flex exercises.

JSA DISCUSSIONS:

Wadmalaw/Booster: Testing Fuel Safety Shut-down procedures; General Housekeeping, Painting,

Mobro 1706; Crane Lifts; Hot work; General Housekeeping

BEHAVIORAL OBSERVATIONS:

Crews did their best to stay warm today completing their daily tasks in the colder temperatures that swept into the area. Crews discussed cold weather exposure and coming in to take breaks to warm the body up and drink water every couple of hours to keep yourself hydrated even in the colder temperatures where you might not think you're thirsty.

SITE CONDITIONS & HOUSEKEEPING:

Sunny, Highs around 50. Real feel of 44, NE winds 5 to 15 mph. Night: Partly cloudy. Lows in the mid 30s. NE winds 5 to 10 mph.

Housekeeping is ongoing and being maintained by the crews throughout the project site.

GENERAL COMMENTS:

SSHO getting PFD's, Hard hats, ready for New Hires and Visitors. Uploading, scanning JSAs, documents, ESF.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 298
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Dec 2017 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3	Ship Island	25,250	220,456
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	10:44	MAX	0	TIME	02:01	GAGE LOCATION Air Force Tower
	MIN	0	TIME	06:18	MAX	0	TIME	19:33	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	47 °F / 57 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	04:13	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	02:17	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	03:43	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:35	0.0
			1	DUMPING:	00:00	04:05	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:41	0.0
			0	TO CUT:	00:00	05:28	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:02	0.0
			2,054	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
3	25,250	Ship Island	0				

ATTENDANT PLANT				TOTALS			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 298
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 26 Dec 2017 - Tuesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 3 Borrow and pumping on Ship Island at the first subline landing around station 96+00.

3 loads pumped on Ship Island today: 24,250 CY
26 loads pumped on Ship Island to date: 219,456 CY

Three Delays Today:

- 160min - Torubleshoot propulsion issues
- 13min - Extended turn times to avoid shoals
- 5min - Flush discharge boxes

SAFETY

PRE-SHIFT MEETING:

Captain, Mate and Crew discussed weather and sea conditions, temperatures are dropping in the 30's at night, winds picking up at night, discussed task for the day, JSAs needed, maintenance, housekeeping. Booster Crew discussed: working in rough sea conditions and working in cold weather in more detail, Bringing extra clothes and food in case of bad weather and in case we get stuck out here for a day or possibly two. JSAs for the day; Crew performed stretching exercises and Hacky Sack toss.

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island: Connecting/Disconnecting Bow Coupling; Inspecting/Cleaning Dragheads; Housekeeping/Sanitary; Pulling Mooring Lines

Wadmalaw/Booster: Taking on Water; Housekeeping

BEHAVIORAL OBSERVATIONS:

While placing my "Danger Ear Protection Required" signs up around the Tug, I talked to the Engineer in the Control Room/Engine Room of the Tug. I mentioned that the Control Room personnel will need to wear hearing protection do to the decibel rating of over 85 db. He said he needed to keep one ear out so he can at least hear the phone ring. I mentioned to try and get a light that would go off when the phone rings to let you know. He also said you can't hear your hand held radio. Possibly get a ear piece or another light to flash to let you know to call the Bridge/Pilot House. Safety will talk to the Chief and Senior Mechanical Engineer about this.

SITE CONDITIONS & HOUSEKEEPING:

Day: Mostly cloudy, A 40 percent chance of light rain in the afternoon. Highs in the upper 50s. NE winds 5 to 10 mph. Night: Cloudy with scattered rain showers, Lows in the 40s, to high 30s. NE winds 5 to 15 mph. 50 percent chance of rain showers.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

SSHO scanning and uploading documents to Bulls Eye, putting Safety signage (Hearing Protection Required) up where needed on the Dredge & Mackie. Helping Crew out and started Quarterly Electrical Inspections on extension cords, power tools, welding leads, and power strips.

Dredge will be coming into Dock/Port for fuel tomorrow morning

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 299
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 27 Dec 2017 - Wednesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 3 Borrow and pumping on Ship Island at the first subline landing around station 97+00. At 0810, the dredge went off-contract for the remainder of the day for fuel and repairs.

1 load pumped on Ship Island today: 9,729 CY
27 loads pumped on Ship Island to date: 229,185 CY

Two Delays Today:

30min - Extended Line Flush
16min - Jet Pump Motors Shut Down

SAFETY

PRE-SHIFT MEETING:

Chief on the Booster discussed weather conditions, any maintenance issues or concerns, Safety topic was from the WTB pg. 37 was discussed, "How to select the right ext. cord. JSAs needed for the day. Bullgang Captain discussed Man Overboard Prevention, weather conditions and vessel transfers. JSAs needed today and schedules. Crews participated in Stretch and Flex Exercises and Hacky Sack toss "S.H.A.K.E" Stand proud, Hand check, Anchor off your non-dominant hand, Know your gloves, Exercise your hands.

JSA DISCUSSIONS:

Wadmalaw/Booster: Clutch Guard Removal; Cleaning up spilled oil; General House- keeping.

Bull-gang: Vessel Transfers; Load/Unload Trucks; Hot work-fabricating

BEHAVIORAL OBSERVATIONS:

Fill Site Crews working hard and safe along with weathering the harsher weather conditions on the Fill Site/Island. Strong winds and rain were causing the Crew to get a little sand blasted out there. Crews doing there best to weather the storm by trying to stay warm and dry as much as possible.

SITE CONDITIONS & HOUSEKEEPING:

Day: Cooler with occasional rain and drizzle, High of 47. NE winds 5 to 10 mph. Night: Occasional rain and drizzle. Winds will be 16 mph from the NNE. Low of 40. to high 30s. Winds will be 13 mph from the NNE.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

SSHO/Office had two New Hires today.
SSHO suiting up PPE for New Hires. Getting hard hats assembled and photo luminous tape applied, Lights and whistles put on PFD's.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 300
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 28 Dec 2017 - Thursday	

GENERAL COMMENTS

Ellis Island and Doug Mackie began the day off-contract at the Gulfport Dock for repairs and fuel. The dredge resumed operations at 0955 and continued digging in Horn Island Pass 2 and 3 Borrow and pumping on Ship Island at the first subline landing around station 96+00.

1 load pumped on Ship Island today: 9,729 CY
28 loads pumped on Ship Island to date: 238,914 CY

Four Delays Today:

- 53min - Sending water due to shutting down stbd jet pump
- 28min - Unable to lower both dragarms; troubleshoot hydraulic system
- 27min - Valve C2IP not closing
- 20min - Slow bell to pumpout due to broken fuel line on port main engine

SAFETY

PRE-SHIFT MEETING:

Derrick: Captain discussed weather and sea conditions, dress for the weather, Any safety or maintenance issues or concerns, Order PPE, snivel gear needed. SSHO talked about where would the next accident happen? Hand injuries was noted. Not paying attention. wrong gloves. Fill Site: Foreman discussed weather, JSAs and how to use and print out from computer. Welder coming out to weld up some scope extensions. Crews did stretch n flex exercises.

JSA DISCUSSIONS:

Bull-gang: Vessel Transfers; Housekeeping; Hot work-fabricating

Wadmaw/Booster: General Housekeeping; Maintenance

Fill Site: Building/Maintaining Containment; Moving Equipment with Forklift; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

PE, SE & Safety worked on repairing the Dock at the Island that was missing a lot of decking from the hurricane to get to the area where the Engineers needed to switch out the batteries for the solar panels. Engineers took out some plywood and Safety helped by using the existing wood out there for a better walking surface to get to the end of the dock safely without falling through the deck openings. All work was done safely which made a better overall walking surface for the Engineers to use when needed.

SITE CONDITIONS & HOUSEKEEPING:

Day: Cloudy, chance of rain showers in the morning. Highs in the mid to low 40s. N winds 5 to 10 mph. Night: Cloudy in the evening then becoming partly cloudy. Lows in the mid 30s. N winds 5 to 10 mph.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

SSHO performed Noise Monitoring on the Crew Boat "Emma Kate" and at the Fill Site around and in Equipment.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 301		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Dec 2017 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,505	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 259,419	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				1025		GMS/LITER@ <u>37 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	04:34	MAX	1	TIME	18:56	
	MIN	0	TIME	05:15	MAX	1	TIME	19:34	
				GAGE LOCATION		Air Force Tower			
				GAGE DATUM		1			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			45 °F / 55 °F		10		6	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	06:16	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	01:43	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	03:23	0.0	
			1		CONNECTING:	00:00	00:42	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:46	0.0	
			0		DISCONNECTING:	00:00	00:43	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	03:45	0.0	
			1,500		TOTALS:	00:00	21:18	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:				
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	19,505	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	02:24	0.0
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
						LAY TIME:	00:00	00:00	0.0
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:18	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	02:42	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 301
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Dec 2017 - Friday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow and pumping on Ship Island at the first subline landing around station 96+00.

2 loads pumped on Ship Island today: 19,505 CY
30 loads pumped on Ship Island to date: 258,419 CY

Eight Delays Today:

- 38min - Adjust dredge pump stuffing box
- 34min - Troubleshoot false high/high sensor (two delays)
- 21min - Blank off broken hydraulic line on stbd draghead visor
- 20min - Hove-to remove large wire from draghead
- 20min - Long turn due to work being performed on static converter
- 18min - Recenter tug in notch
- 11min - Troubleshoot dredge pump clutch

SAFETY

PRE-SHIFT MEETING:

Dredge: Captain, Mate & Crew discussed weather conditions, any safety issues to report up, tasks/duties for the day, JSAs to do, Good Catch & Near Miss discussed. Three visitors from the Ship Yard manufacturer and warranty coming. Wadmalaw Booster: Chief discussed with Crew safety topic "when is a spill to small" for the "Spill Kit" JSAs for today, housekeeping, work/time off schedules. test winch motors and fuel stops with new crew. Crews did stretch n flex exercises & hacky sack toss, "SHAKE" exercises.

JSA DISCUSSIONS:

Dredge: Connecting/Disconnecting Bow Coupling; Personnel Transfer; Inspect Dragheads; Housekeeping/Sanitary

Booster: Transferring water to Ballast; Housekeeping; Starting Winch Motors; Testing Fuel Stops

BEHAVIORAL OBSERVATIONS:

Crews working safely completely their tasks. Pre-shift, JSAs prior to starting work and Crew wearing all their required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Day: Partly cloudy, High temperature of 52, NNW winds 7 mph. Night: Partly cloudy, Low temperature of 36. NNW winds 4 mph.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Had 3 Visitors from the Ship Builders/warranty came out to check the Tug/Dredge issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 302
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 30 Dec 2017 - Saturday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow and pumping on Ship Island at the first subline landing around station 96+00.

2 loads pumped on Ship Island today: 19,410 CY
32 loads pumped on Ship Island to date: 277,829 CY

Four Delays Today:

- 70min - Blank off broken hydraulic hose on stbd draghead visor
- 42min - Investigate 7' crack in port aft discharge box piping
- 13min - Repacking stbd dredge pump
- 4min - Dredge pump won't clutch, rotating backwards due water draining back

SAFETY

PRE-SHIFT MEETING:

Derrick: Deck Captain discussed weather conditions, JSAs needed today, Read from SALT book, Heavy Equipment & Vessel Transfers, Housekeeping around the Derrick/Office SSHO/Cpt read Near Miss "Struck by" incident on Whiskey Island, and New Years Eve Safety to Crew. Make sure you have a plan in place if you decide to go out tomorrow night. Don't drink and drive. Crews did stretch n flex exercises & hacky sack toss, "SHAKE" exercises.

JSA DISCUSSIONS:

Derrick: Crane Lifting; Moving Barges; Housekeeping

Dredge: Connecting/Disconnecting Bow Coupling; Inspect Dragheads; Housekeeping/Sanitary

BEHAVIORAL OBSERVATIONS:

Deck Captain working with Crew rearranging Barges to get Fill Site truck loaded up. Captain had certified Riggers when using the Crane and rigging to pick up items. Captain & Crew had their JSAs filled out and safety brief done prior and made sure everyone had their PPE on to perform task.

SITE CONDITIONS & HOUSEKEEPING:

Day: mostly cloudy, Highs in the upper 50's. NE winds 10 mph. Night: Cloudy with a 40% chance of light rain, Lows in the mid 40s. NE winds 5 to 10 mph.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

SSHO helping out Bullgang with their Chemical Inventory list for the Chemical/Paint Locker on the Derrick.
Dredge had a small panolin hydraulic oil spill late last night. Captain followed GLDD policies, procedures and reported it to the proper personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 303
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 31 Dec 2017 - Sunday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow and pumping on Ship Island at the first subline landing around station 96+00.

2 loads pumped on Ship Island today: 10,632 CY
34 loads pumped on Ship Island to date: 288,461 CY

Five Delays Today:

- 230min - Oil leak on ME, slow bell to pumpout while repairs completed
- 40min - Stbd trunnion sensors not reported seated condition
- 20min - Issues with Vosta system
- 18min - Dredge pump clutch won't clutch back in
- 10min - Extended line flush

SAFETY

PRE-SHIFT MEETING:

Dredge: Captain/Mates and Crew pre-shift discussion; Weather conditions, Temperatures are dropping and winds picking up, Not to get complacent, Be aware of your surroundings, Report anything out of the ordinary. Your not sure but feel somethings not right, let the Captain/Mates know. Call an "All Stop" if needed and check it out. JSAs needed for the day.
Crews did stretch -n- flex exercises

JSA DISCUSSIONS:

Dredge: Connecting/Disconnecting Bow Coupling; Inspecting/Cleaning Dragheads; Housekeeping/Sanitary; Personnel Transfer

BEHAVIORAL OBSERVATIONS:

Mechanical Engineers, Captain, Chief and Crew are staying real busy keeping up with all the things going wrong with the Dredge lately. Crews are looking out for each other, working safely and keeping good communication between each other.

SITE CONDITIONS & HOUSEKEEPING:

Day: Cloudy with rain showers periodically, High of 49. NE winds 16+ mph. Night: Mostly cloudy. Lows around 26. Winds will be 18 + mph from the N.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Dredge is still having some mechanical and equipment issues.
SSHO typed out JSA for the Crew that was still on the older style format. Scanning and uploading JSAs and ESFs.
Weather Alert: Expect freezing temps tonight, "Black Ice" on bridges and over passes and anywhere there is water accumulated on the roads.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 304
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 01 Jan 2018 - Monday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow Area. After reaching the pumpout for the first load of the day, it was deemed unsafe to connect to the cube and the dredge sailed to the borrow area and anchored the rest of the day due to hazardous sea conditions.

0 loads pumped on Ship Island Today: 0 CY
34 loads pumped on Ship Island to date: 288,461 CY

Three Delays Today:

- 1042min - Weather/sea conditions prevent connection to cube, anchor in Borrow Area
- 220min - Main Engine oil leake and electrical issues, slow bell to pumpout
- 38min - Broken discharge screen during inspection of forward boxes, load cut short

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow Area. After reaching the pumpout for the first load of the day, it was deemed unsafe to connect to the cube and the dredge sailed to the borrow area and anchored the rest of the day due to hazardous sea conditions.

0 loads pumped on Ship Island Today: 0 CY
34 loads pumped on Ship Island to date: 288,461 CY

Three Delays Today:

- 1042min - Weather/sea conditions prevent connection to cube, anchor in Borrow Area
- 220min - Main Engine oil leake and electrical issues, slow bell to pumpout
- 38min - Broken discharge screen during inspection of forward boxes, load cut short

SAFETY

PRE-SHIFT MEETING:

Mobro 1706 Derrick: Deck Captain discussed weather, temperatures will be getting in the teens the next couple of days. Dress for it. Daily task for the day. Read from SALT book, Sec. III on Ice on Decks and Rigging. Safety read surviving Winter 101, IIF Action Alert "Winter Walking" to crews who missed it earlier. JSAs before work starts. Be careful for ice in spots of the Derrick. Take smaller steps to avoid slipping. Crews participated in Stretch and Flex Exercises.

JSA DISCUSSIONS:

Derrick: Moving Barges; Crane Lifting; Get subline ready to take out.

BEHAVIORAL OBSERVATIONS:

Bullgang crew read from the SALT books and IIF Action Alerts about working in the cold. Crews dressing for the cold conditions. Safety went over the acronym "WALK SMART". Walking on icy decks. Take shorter strides/steps to avoid slipping and falling on icy/wet decks. Know and clear your route/work area before you start working.

SITE CONDITIONS & HOUSEKEEPING:

Day: Partly cloudy, Highs in the mid 30s. NW winds 10 to 15 mph. Night: Mostly clear, Lows around 17, N winds 5 to 15 mph. Wind chill reads 8 to 18.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Supervisors: Personnel working outside, take frequent warm up breaks out of the cold. Keep yourself hydrated. Might not feel thirsty but you'll get dehydrated quickly if your not monitoring your fluid intake.

PRE-SHIFT MEETING:

Mobro 1706 Derrick: Deck Captain discussed weather, temperatures will be getting in the teens the next couple of days. Dress for it.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 304
DREDGE	NAME AND TYPE Ellis Island		DATE 01 Jan 2018 - Monday

QC NARRATIVE(S) - Cont.

Daily task for the day. Read from SALT book, Sec. III on Ice on Decks and Rigging. Safety read surviving Winter 101, IIF Action Alert "Winter Walking" to crews who missed it earlier. JSAs before work starts. Be careful for ice in spots of the Derrick. Take smaller steps to avoid slipping. Crews participated in Stretch and Flex Exercises.

JSA DISCUSSIONS:

Derrick: Moving Barges; Crane Lifting; Get subline ready to take out.

BEHAVIORAL OBSERVATIONS:

Bullgang crew read from the SALT books and IIF Action Alerts about working in the cold. Crews dressing for the cold conditions. Safety went over the acronym "WALK SMART". Walking on icy decks. Take shorter strides/steps to avoid slipping and falling on icy/wet decks. Know and clear your route/work area before you start working.

SITE CONDITIONS & HOUSEKEEPING:

Day: Partly cloudy, Highs in the mid 30s. NW winds 10 to 15 mph. Night: Mostly clear, Lows around 17, N winds 5 to 15 mph. Wind chill reads 8 to 18.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Supervisors: Personnel working outside, take frequent warm up breaks out of the cold. Keep yourself hydrated. Might not feel thirsty but you'll get dehydrated quickly if your not monitoring your fluid intake.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 305
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 02 Jan 2018 - Tuesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie began the day at anchor due to rough seas. The dredge resumed digging at 1350 in Horn Island Pass 2 and 3 Borrow Area.

1 load pumped on Ship Island Today: 9,871 CY
35 loads pumped on Ship Island to date: 298,332 CY

One Delay Today:

936min - Weather/Sea condition prevented connection to the cube, at anchor in borrow area

SAFETY

PRE-SHIFT MEETING:

Tug/Dredge: Captain/Mate discussed weather conditions, Do to the rough sea conditions Dredging Operations will be stopped temporarily until it improves. Safety put out Incident Alert that happened on the Upper Chesapeake with a twisted knee Recordable injury and Winter Storms: Plan, Equipment, Train to prevent injuries, Safety alert from J. Campbell. Task and JSAs for today. Be careful of icy decks.

JSA DISCUSSIONS:

Personnel Transfer; Using the Incinerator; Inspecting/Cleaning Dragheads; Connecting/Disconnection Bow Couplings

BEHAVIORAL OBSERVATIONS:

While conducting safety walk through, SSHO noticed a fire blanket in a plastic protective cover on top of the two fire extinguishers in the Galley. I told the Chef that it shouldn't be on there. I suggested they put it under the fire extinguishers until crew can mount it properly. I checked out the fire blanket and realized that it had another clear plastic cover on it. The Chef asked me to remove the plastic in case of a fire so she could use it without worrying about messing with another plastic bag that would slow process of putting out the fire.

SITE CONDITIONS & HOUSEKEEPING:

Day: Sunny, highs around 40. NE winds 5 to 15 mph. Night: Partly cloudy, Lows in the lower 20s. North winds 5 to 15 mph. Wind chill reads 7 to 18 degrees out.

Housekeeping is ongoing and being maintained by the crews. Decks and work areas were free of trip and fall hazards.

GENERAL COMMENTS:

Dredge had a weather delay this morning. Sea conditions were a bit rough out.

SSHO conducted GHS training with some of the Crew on the D.B. Mackie/Ellis Island

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 306
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 03 Jan 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3	Ship Island	16,465	315,797
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@	<u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:10	MAX	1	TIME	22:46	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:52	MAX	1	TIME	23:30	GAGE DATUM	1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	28 °F / 46 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	04:31	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	01:35	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:44	0.0
			1	CONNECTING:	00:00	00:51	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	05:34	0.0
			0	DISCONNECTING:	00:00	01:15	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	03:23	0.0
			1,500	TOTALS:	00:00	22:53	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	16,465	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	01:07	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:07	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 306
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 03 Jan 2018 - Wednesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow Area and pumping out on the first subline at Ship Island.

2 loads pumped on Ship Island Today: 16,465 CY
37 loads pumped on Ship Island to date: 314,797 CY

Two Delays Today:

55min - Calibrate trunnion sensors on both dragarms
12min - Check dredge engine low oil pressure alarm

SAFETY

PRE-SHIFT MEETING:

Derrick: Deck Captain briefed weather, continued cold, freezing temps at night, Vessel Transfers, Man Overboard, Winter Walking Safety reviewed. Safety read from SALT II sec. III, 28, Motor vehicle policies. Southern Crane will be here to get AB 113 started hopefully. JSAs for today: Crane Lifts, Hot work, Housekeeping. Be careful on deck. Use Boarding Stations and Gangways. Captain, SSHO & Crew performed Stretch and Flex Exercises.

JSA DISCUSSIONS:

Derrick/Bullgang:
Crane Lifts; Housekeeping; Moving Barges; Hot work

BEHAVIORAL OBSERVATIONS:

Deck Captain made sure everyone did there stretching exercises every morning before work. Even in the cold temperatures out on the deck or sometimes inside depending on how many personnel were there. Even if we get busy, it's our responsibility to get ourselves and Crew to stretch daily. We should also be doing this after lunch as well. Good job Captain!

SITE CONDITIONS & HOUSEKEEPING:

Day: Partly cloudy in the morning, then clearing. Highs in the low 40s. NW winds 5 to 10 mph. Night: Clear, Lows in the mid 20s. NW winds 5 to 10 mph. .

Housekeeping is ongoing and being maintained by the crews. Crew-boat Captain & Crew putting salt on decks to eliminate/reduce icy conditions.

GENERAL COMMENTS:

SSHO organized Supply Room, ordered PPE,
Two visitors/contractors arrived later today, watched Safety video. Will be going out to work on Dredge tomorrow morning.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 307
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Jan 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Horn Island Pass BA 3	Horn Island Pass BA 3	Ship Island	19,499	335,296
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:52	MAX	1	TIME	23:30	GAGE LOCATION Air Force Tower
	MIN	0	TIME	09:28	MAX	1	TIME	00:09	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	24 °F / 48 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT				EFFECTIVE WORKING TIME:			
		9	30	PUMPING:	00:00	04:04	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:49	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	04:18	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:38	0.0
			1	DUMPING:	00:00	05:14	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	04:06	0.0
			0	TO CUT:	00:00	03:22	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	22:31	0.0
			2,870	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
2	19,499	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	01:29	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 307
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 04 Jan 2018 - Thursday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow Area and pumping out on the first subline at Ship Island.

2 loads pumped on Ship Island Today: 19,499 CY
39 loads pumped on Ship Island to date: 334,296 CY

Three Delays Today:

- 54min - Shut down during discharge due to issue with dredge pump
- 18min - Electrical work
- 17min - Valve sequence communication issue with automation

SAFETY

PRE-SHIFT MEETING:

Mobro Crane: Derrick Operator questioned the crew about any safety concerns from the previous day and discussed job tasks for the day. SSHO discussed Working in Extreme Cold conditions. Emphasized to the crew to take breaks as needed from the cold and to ensure they stay hydrated as well. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mobro crane: crane lifting, welding/cutting/burning.

BEHAVIORAL OBSERVATIONS:

Observed the crew wearing all required PPE while correcting Predictive Solutions open issues on the Derrick. Also observed the crew performing housekeeping. Observed the crew taking breaks from the cold as needed.

SITE CONDITIONS & HOUSEKEEPING:

Very cold today with low temperatures in the low 20s and daytime highs in the mid 40s. Crews continue doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Bullgang and Derrick crew were busy working on pipe flanges. SSHO conducted a Predictive Solutions inspection on the Derrick. Some minor issues were discovered and fixed on the spot by the crew. SSHO installed monthly inspection tags on the fire extinguishers and signed off the outstanding open issues on them as well. SSHO submitted a supply requisition for some cold weather gear for the Bullgang and Derrick crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 308				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Jan 2018 - Friday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL Horn Island Pass BA 3		REACH DREDGED; STA TO STA Horn Island Pass BA 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,221	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 354,517			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS _____				GMS/LITER <u>1925</u>						
	DENSITY OF WATER _____				GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	08:52	MAX	1	TIME	23:30	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	09:28	MAX	1	TIME	00:09	GAGE DATUM	1	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			24 °F / 48 °F		10		13			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
		9		30				EFFECTIVE WORKING TIME:			
AFT		9		30	PUMPING:	00:00	04:11	0.0			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					TURNING:	00:00	01:14	0.0			
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TO DUMP:	00:00	01:52	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	CONNECTING:	00:00	00:31	0.0			
				1	DUMPING:	00:00	02:32	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DISCONNECTING:	00:00	00:52	0.0			
				0	TO CUT:	00:00	04:26	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL	TOTALS:	00:00	15:38	0.0			
				2,870	NON-EFFECTIVE WORKING TIME:						
GALLONS OF WATER CONSUMED				GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0			
				500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
WORK PERFORMED					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		MINOR OPERATING REPAIRS:	00:00	08:22	0.0		
2	19,221	Ship Island		0		TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS:	00:00	00:00	0.0			
					TOTALS:	00:00	08:22	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 308
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Jan 2018 - Friday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in Horn Island Pass 2 and 3 Borrow Area and pumping out on the first subline at Ship Island. Load 42 was dug in the OCS West Borrow Area

2 loads pumped on Ship Island Today: 19,221 CY
41 loads pumped on Ship Island to date: 353,517 CY

Four Delays Today:

- 240min - Repair density gauge bracket and pipe bracket
- 118min - Issue with STBD main engine clutch
- 138min - Stuffing box repairs
- 6min - Battery for belly-pack dead

SAFETY

PRE-SHIFT MEETING:

Mobro Crane: Derrick Operator questioned the crew about any safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises conducted.

Emma Kate: SSHO discussed working in the cold with the Captain and crew. The Captain also discussed working in the cold and the preventative measures the crew is utilizing for ice accumulation on the crew boat.

JSA DISCUSSIONS:

Mobro crane: crane lifting, welding/cutting/burning.

Emma Kate: vessel transfers

BEHAVIORAL OBSERVATIONS:

Emma Kate: Observed the crew ensuring safe vessel transfers by assisting all personnel with their gear and making sure they maintained 3 points of contact. Observed the crew utilizing safe work practices and wearing all required PPE while securing the boat to the dock. Also observed the crew performing housekeeping on the crew boat.

SITE CONDITIONS & HOUSEKEEPING:

Very cold again today with low temperatures in the upper 20s and daytime highs in the upper 40s. Crews continue doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the crew boat Emma Kate. The fire extinguishers were missing monthly tags, one FE was obstructed by gear, and the AED was missing the weekly inspection. The SSHO fixed all issues on the spot and discussed them with the Captain and crew. SSHO conducted JSA training with the crew and also conducted a vessel transfer JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 309					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 06 Jan 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	21,361	375,878						
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>						
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	09:54	MAX	1	TIME	00:09				
	MIN	0	TIME	10:03	MAX	0	TIME	00:40				
GAGE LOCATION		Air Force Tower										
GAGE DATUM		1										
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		27 °F / 57 °F		10		10					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	02:40	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	01:20	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	06:54	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:32	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	1,500	DUMPING:					00:00	05:31	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:37	0.0
WORK PERFORMED				TO CUT:					00:00	04:22	0.0	
DREDGING AND HAULING		AGITATING		TOTALS:					00:00	21:56	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:								
2	21,361	Ship Island	0	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	01:49	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:15	0.0	
				TOTALS:					00:00	02:04	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 309
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 06 Jan 2018 - Saturday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in OCS West Borrow Area and pumping out on the first subline at Ship Island.

2 loads pumped on Ship Island today: 21,361 CY
43 loads pumped on Ship Island to date: 374,878 CY

2 loads dug in OCS West Borrow Area today: 21,361 CY
2 load dug in OCS West Borrow Area to date: 21,361 CY

Four Delays Today:

- 59min - Troubleshoot power loss to barge
- 50min - Repairs to barge hydraulic system
- 11min - Investigate shudder occurring during sail, recenter tug in notch
- 4min - Wait on dump to finish putting spreader pipe on

SAFETY

PRE-SHIFT MEETING:

Ellis Island/Tug Mackie: Captain questioned the crew about safety concerns from the previous day. Also discussed job tasks for the day. Stretch and flex exercises were conducted.

Emma Kate: SSHO discussed working in the cold with the Captain and crew. The Captain also discussed working in the cold and the preventative measures the crew is utilizing for ice accumulation on the crew boat.

JSA DISCUSSIONS:

Ellis Island/Tug Mackie: maintenance welding and burning(turtle deflectors), using the incinerator, personnel transfer, housekeeping/sanitary, connecting/disconnecting bow coupling, inspecting/cleaning dragheads.

BEHAVIORAL OBSERVATIONS:

Ellis Island/Tug Mackie: Observed the Captain and crew utilizing safe work practices, good communication and wearing all required PPE while cleaning the drag heads and working on the turtle deflectors.

Emma Kate: Observed the Captain conducting a vessel transfer brief. The Captain did a great job with the brief. Ohio River: Observed crew handing over packages to the Mackie crew in a safe and efficient manner.

SITE CONDITIONS & HOUSEKEEPING:

Very cold morning again today with low temperatures in the upper 20s and daytime highs in the lower 50s. The crew on the Ellis Island/Tug Mackie is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the Tug Mackie and the Ellis Island. Both vessels need to have eye wash stations installed. The Chief ordered and will install upon receiving them. SSHO attached monthly inspections tags to several fire extinguishers and signed off monthly inspections on others as well. Also affixed numerous confined space stickers to areas that required them. The crew took advantage of their time and worked on the turtle deflectors while sailing to the dump site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 310
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Jan 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	21,645	397,523
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	10:03	MAX	0	TIME	00:40	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	21:59	MAX	0	TIME	19:08	GAGE DATUM	1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	42 °F / 60 °F	10	14

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:29	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:42	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	02:51	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:24	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	1,500	DUMPING:	00:00	05:51	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:25	0.0
WORK PERFORMED				TO CUT:	00:00	05:23	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	18:05	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	21,645	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	03:19	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	01:29	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:07	0.0
				TOTALS:	00:00	05:55	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 310
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 07 Jan 2018 - Sunday	

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in OCS West Borrow Area and pumping out on the first subline at Ship Island. At 20:40 the dredge went to anchor due to rough seas.

2 loads pumped on Ship Island today: 21,645 CY
45 loads pumped on Ship Island to date: 396,523 CY

2 loads dug in OCS West Borrow Area today: 21,645 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

Six Delays Today:

- 199min - Anchor in Borrow Area after digging load, sea conditions at pumpout
- 52min - Adjust dege pump packing
- 37min - Flushing line in preparation for weather shutdown
- 30min - Go on water for fill site
- 26min - Work on dredge pump
- 11min - Testing repaired STBD jet pump gearbox

SAFETY

PRE-SHIFT MEETING:

Bullgang: Deck Captain questioned the crew about safety concerns from the previous day. Also discussed job tasks for the day including working on the compressor barge and completing weekly equipment inspections. SSHO discussed Incident Alert from the Dredge Alaska. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Bullgang: crane lifts, welding/cutting/burning(compressor barge stair hand rails, ring stops)

BEHAVIORAL OBSERVATIONS:

Bullgang: Observed the welders utilizing safe work practices and wearing all required PPE while welding hand rails on the stairs of the compressor barge. Observed crew utilizing proper hand signals and observing safety zones while performing crane lifts.
Chesapeake: Observed Captain and survey personnel finishing fueling operations. Fueling is difficult at this site. Fuel hoses have to be carried across 2 barges to get to a vessel and the Chesapeake sits well below the barge.

SITE CONDITIONS & HOUSEKEEPING:

Not as cold this morning with temperatures in the lower 40s and daytime highs in the upper 50s. The Bullgang is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection at the welding yard. Both fuel tanks at the yard were missing fire extinguishers and catch buckets. SSHO worked with the bullgang to fix these issues on the spot. SSHO conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 311	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Jan 2018 - Monday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>				
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	09:50	MAX	0	TIME	00:44
	MIN	0	TIME	05:28	MAX	0	TIME	18:51
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Previous Weather - Critical Delay		55 °F / 64 °F		4		30		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:				
AFT		9	30	PUMPING:	00:00	00:00	0.0	
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0	
			1	DUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0	
			0	TO CUT:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0	
			0	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 311
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Jan 2018 - Monday

GENERAL COMMENTS

Ellis Island and Doug Mackie were at anchor all day due to rough seas.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

One Delay Today:

1440min - At anchor due to rough seas

SAFETY

PRE-SHIFT MEETING:

Bullgang: Deck Captain questioned the crew about safety concerns from the previous day. Issue was brought up about the fuel tanks at the yard. One tank is diesel while the other is gas and they are not labeled. Captain Donnie has for action. Also discussed the job tasks for the day that would be conducted following the scheduled training. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Bullgang: crane lifts, welding/cutting/burning(compressor barge stair hand rails, ring stops)

BEHAVIORAL OBSERVATIONS:

Bullgang: Observed the welders utilizing safe work practices and wearing all required PPE while welding hand rails on the stairs of the compressor barge. Observed crew utilizing proper hand signals and observing safety zones while performing crane lifts.
Chesapeake: Observed Captain and survey personnel finishing fueling operations. Fueling is difficult at this site. Fuel hoses have to be carried across 2 barges to get to a vessel and the Chesapeake sits well below the barge.

SITE CONDITIONS & HOUSEKEEPING:

Heavy rains and wind this morning leading to daytime temperatures in the lower 60s. The Bullgang is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

The SSHO conducted Man Overboard, Lock Out/Tag Out, Drug & Alcohol and HAZCOM training with 8 bullgang personnel. Great participation by all crew involved. SSHO affixed monthly inspection tags to the project office fire extinguishers and conducted monthly inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 312						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Jan 2018 - Tuesday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523						
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>									
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>									
RIVER/TIDE STAGE	MIN	0	TIME	05:28	MAX	0	TIME	18:49	GAGE LOCATION	Air Force Tower			
	MIN	0	TIME	05:24	MAX	0	TIME	17:27	GAGE DATUM	1			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND					
	Previous Weather - Critical Delay			55 °F / 62 °F		5		12					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			9	30									
AFT			9	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:					00:00	00:00	0.0	
			1		CONNECTING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:					00:00	00:00	0.0	
			0		DISCONNECTING:					00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:					00:00	00:00	0.0	
			0		TOTALS:					00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:								
			500		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:					00:00	13:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0
						MINOR OPERATING REPAIRS:					00:00	11:00	0.0
						TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
						LAY TIME:					00:00	00:00	0.0
						FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:					00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
					LOST TIME:								
					MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
					CESSATION:					00:00	00:00	0.0	
					COLLISIONS:					00:00	00:00	0.0	
					TOTALS:					00:00	00:00	0.0	
					TOTAL TIME/MILES:					00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 312
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 09 Jan 2018 - Tuesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie began the day at anchor due while the bullgang worked on fouling the pickup line and repair the booster anchor wires that were damaged due to the rough seas. This was fixed at 13:00 then the dredge went down for mechanical delays for the rest of the day.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

Three Delays Today:

- 780min - Wait on bullgang to unfoul pickup line and repair booster anchor wires damaged during rough seas
- 570min - Troubleshoot dredge main engine clutch not engaging
- 90min - Shutdown discharge for leak on suction side of booster

SAFETY

PRE-SHIFT MEETING:

Ellis Island/Mackie: Captain questioned the crew about safety concerns from the previous day. Also discussed the job tasks for the day. Stretch and flex exercises were conducted.

Booster Wadmalaw: Chief Engineer discussed recent Good Catch involving ladder/tools not being stored properly. Also emphasized to the crew the importance of addressing the tidy up process on all JSAs.

JSA DISCUSSIONS:

Ellis Island/Mackie: anchoring operations, connecting/disconnecting bow coupling, personnel transfer, housekeeping/sanitary, using the incinerator

Mobro 1706: Crane lifts

BEHAVIORAL OBSERVATIONS:

Ellis Island/Mackie: Observed the crew utilizing safe work practices while transferring stores from the crew boat to the dredge.
Mobro 1706: Observed the crew safely lifting stores onto the crew boat. Good communication between the Operator, rigger and crew on the boat. Crews were wearing all required PPE and used appropriate tag lines. Also observed the crew boat Captain conduct a vessel transfer JSA brief. Captain did a good job briefing the JSA.

SITE CONDITIONS & HOUSEKEEPING:

Foggy conditions for much of the day with daytime temperatures peaking in the low 60s. The crews on the Ellis Island and Tug Mackie are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

The Dredge was anchored for most of the day while the crew was busy troubleshooting a solenoid issue on the starboard main engine. Bullgang was busy working on the pickup line that had become tangled in the rough weather from the previous day. SSHO conducted a safety walk around and Predictive Solutions inspection on the Ellis Island and the Tug Mackie. One issue(acetylene regulator missing glass cover) was discovered and added to the Predictive Solutions database.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 313
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Jan 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	397,523
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:24	MAX	0	TIME	17:27	GAGE LOCATION Air Force Tower
	MIN	0	TIME	05:37	MAX	1	TIME	17:49	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Previous Weather - Critical Delay	55 °F / 69 °F	5	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 313
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 Jan 2018 - Wednesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie were at anchor all day waiting on the bullgang to repair the subline damaged due to the rough seas.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

One Delay Today:

1440min - Wait on bullgang to repair subline

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain questioned the crew about safety concerns from the previous day. Also discussed the job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706: Crane lifts, welding/cutting/burning

BEHAVIORAL OBSERVATIONS:

Observed the deckhand on the crew boat assisting personnel during vessel transfers. All personnel were wearing their required PPE, handing over all items and safely executing vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Foggy conditions again this morning leading to daytime temperatures in the mid 60s. The crews on the Mobro 1706 are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO updated the project thumb drive with all the training that was conducted this week. Updated the project checklist with the training as well. Also uploaded all project safety documents into Bullseye.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 314				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Jan 2018 - Thursday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>							
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	05:24	MAX	0	TIME	17:27			
	MIN	0	TIME	05:37	MAX	1	TIME	17:49			
WEATHER CONDITION		WEATHER Previous Weather - Critical Delay		TEMP (min / max) 55 °F / 69 °F	VISIBILITY 5	WIND 15					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30	EFFECTIVE WORKING TIME:						
AFT			9	30	PUMPING:	00:00	00:00	0.0			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	0	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL	500	TO CUT:	00:00	00:00	0.0			
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING			AGITATING	TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:				00:00	24:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:				00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	00:00	0.0	
				TOTALS:				00:00	24:00	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 314
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Jan 2018 - Thursday

GENERAL COMMENTS

Ellis Island and Doug Mackie were at anchor all day waiting on the bullgang to repair the subline damaged due to the rough seas.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

One Delay Today:

1440min - Wait on bullgang to repair subline

SAFETY

PRE-SHIFT MEETING:

Derrick: Captain asked if there is any safety issues or concerns from yesterday, briefed weather, Light rain, choppy sea conditions, tasks for the day. Safety topic, wet and slippery decks, have a good wide stance to keep from falling. JSAs done prior to work. Dredge is on standby due to Booster being down from rough weather conditions. Safety brief was done prior to any work/task being completed, Stretch and Flex Exercises were conducted afterwards.

JSA DISCUSSIONS:

Derrick/Bullgang: Crane Lifts, Hot work; Housekeeping; Moving Barges; Launch Subline; Remove broken retaining ring;

BEHAVIORAL OBSERVATIONS:

Bullgang/Fill Site Crews were working safely getting 3, 1000' section of subline launched from the Heavy Lift Yard. Bullgang Deck Captain and Crew removed broken retaining ring from booster suction connection without an incident. Crews continue to be safe and take precautions while working in the damp/wet weather.

SITE CONDITIONS & HOUSEKEEPING:

Day: High of 66, Cloudy skies, light rain/drizzle in the morning, Humid and damp, Low of 56, Cloudy, rain showers till early morning.

Housekeeping is ongoing and being maintained by the crews. Crew-boat Captain & Crew putting salt on decks to eliminate/reduce icy conditions.

GENERAL COMMENTS:

Oiler/Mechanic on the Dredge/Tug sprained his ankle using the bathroom in his room. Employee was leaving the bathroom and tripped over the lip in the doorway landing on his right ankle. Employee will have light duty until Monday after his follow up appointment. Employee is resting and slowly improving.

MSI tech on site to check Booster Port Generator

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 315				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Jan 2018 - Friday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>							
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	05:24	MAX	0	TIME	17:27	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	05:37	MAX	1	TIME	17:49	GAGE DATUM	1	
WEATHER CONDITION	WEATHER Non Work Day		TEMP (min / max) 55 °F / 69 °F		VISIBILITY 5		WIND 15				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	0	DUMPING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL	0	DISCONNECTING:		00:00	00:00	0.0	
WORK PERFORMED					TO CUT:		00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		TOTALS:						
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TOTALS:		00:00	00:00	0.0		
					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	24:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	24:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 315
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Jan 2018 - Friday

GENERAL COMMENTS

Ellis Island and Doug Mackie were off-contract today. Dredging in Gulfport Channel.

0 loads pumped on Ship Island today: 0 CY
 45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
 4 loads dug in OCS West Borrow Area to date: 43,006 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 316
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Jan 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	397,523
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:24	MAX	0	TIME	17:27	GAGE LOCATION Air Force Tower
	MIN	0	TIME	05:37	MAX	1	TIME	17:49	GAGE DATUM 1

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	55 °F / 69 °F	5	20

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			

AFT		9	30	EFFECTIVE WORKING TIME:			
				PUMPING:	00:00	00:00	0.0

DRAG DEPTH	MAX	<u>41</u>	MIN	<u>39</u>	TURNING:	00:00	00:00	0.0
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INDICATORS LAST CHECKED ON	<u>12/08/2017</u>	TO DUMP:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		DISCONNECTING:	00:00	00:00	0.0
		1		TO CUT:	00:00	00:00	0.0

AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		TOTALS:	00:00	00:00	0.0
		0					

GALLONS OF FUEL OIL CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:			
		0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0

GALLONS OF WATER CONSUMED		GAL		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		0					

WORK PERFORMED							
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT							
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	24:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 316
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Jan 2018 - Saturday

GENERAL COMMENTS

Ellis Island and Doug Mackie were off-contract today. Dredging in Gulfport Channel. Rough seas still preventing bullgang from safely repairing subline/booster connection.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 317			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Jan 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:24	MAX	0	TIME	17:27	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:37	MAX	1	TIME	17:49	GAGE DATUM	1
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			26 °F / 51 °F		10		15		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			0		TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	24:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 317
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Jan 2018 - Sunday

GENERAL COMMENTS

Ellis Island and Doug Mackie were off-contract today. Dredging in Gulfport Channel. Rough seas still preventing bullgang from safely repairing subline/booster connection.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 318			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Jan 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	06:41	MAX	1	TIME	20:49	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	07:03	MAX	1	TIME	21:28	GAGE DATUM	1
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			30 °F / 57 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			10		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	24:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 318
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 15 Jan 2018 - Monday	

GENERAL COMMENTS

Ellis Island and Doug Mackie was off-contract all day for repairs/maintenance. The bullgang completed the subline/booster connection repairs today at 15:00.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

Two Delays Today:

660min - Bullgang repairing subline
540min - Various repairs and maintenance

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed weather, maintenance, safety issues or concerns, scope of work for the day, supplies coming in, replace auction connection and fuel pump on generator, WTB discussed Crane Safety, safety zones. Crew participated in Stretch and Flex Exercises and hacky sack toss.

JSA DISCUSSIONS:

Wadmalaw: Replacement of auction connection; Housekeeping; Crane on Supplies; Replacing Generator Fuel Pump

BEHAVIORAL OBSERVATIONS:

Since the Flu bug seems to be among us. Take the time to disinfect your sleep/work areas with Lysol sprays/wipes daily. Avoid shaking hands and high fives. Elbow bumps permitted. Washing hands frequently and personal hygiene. SSHO taking personnel to the Clinic for Flu like symptoms.

SITE CONDITIONS & HOUSEKEEPING:

Day: Mostly sunny, freezing temps this morning with mid 20s, High of 57, Night: Partly cloudy, Lows of 42.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

SSHO took both Engineer/Mechanics to the Doctor/Clinic today. The Engineer/Mechanic off the Tug Douglas B. Mackie went back to the vessel this afternoon. Employee is back to normal with no restrictions. The other Engineer off the Jack Newman was not contagious and had some minor respiratory issues which he was treated and released.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 319			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Jan 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:03	MAX	1	TIME	21:28	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	07:27	MAX	1	TIME	22:06	GAGE DATUM	1
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			27 °F / 46 °F		8		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			75		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	24:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 319
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 16 Jan 2018 - Tuesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie was off-contract all day for repairs/maintenance.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

SAFETY

PRE-SHIFT MEETING:

Dredge: Captain, Mate and crew discussed weather, freezing temps starting tonight, scope of work for the day, stores coming in this morning, JSAs, crane lifts, safety issues or concerns,
Wadmalaw: Chief discussed weather, be careful tonight freezing temps watch out for icy decks, Safety Topic discussed was proper use of ladders, tasks for today, tighten discharge pipe saddle bolts, assisting Tech with A/C & heater repair, and mechanic with generator repairs, Crews participated in stretch and flex exercises.

JSA DISCUSSIONS:

Dredge: Crane Lifts

Wadmalaw: Housekeeping
Replacing Generator Fuel Pump
Tighten discharge pipe

BEHAVIORAL OBSERVATIONS:

Today's safety topic was proper use of ladders. JSA included, tightening discharge pipe saddle bolts, assisting tech with A/C & heater repair, assisting mechanic with generator repair, & general housekeeping

SITE CONDITIONS & HOUSEKEEPING:

Day: Cloudy and cooler, windy this afternoon, High of 47, Night: Overcast, a bit of ice, temperatures falling to near record low of 18, Real feel of 8 degrees.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

SSHO took water samples on the Dredge and Mackie today along with some Fall protection pictures for the DSHEM.

** Freeze Warning ** Watch for icy conditions on roads and decks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 320		
CHARACTER OF REPORT		<input checked="checked" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 17 Jan 2018 - Wednesday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	0	397,523				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				GMS/LITER@ <u>37 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	07:27	MAX	1	TIME	22:06	GAGE LOCATION Air Force Tower	
	MIN	0	TIME	07:53	MAX	1	TIME	22:43	GAGE DATUM NAVD88	
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Non Work Day		16 °F / 35 °F		6		20			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9		30					
AFT			9		30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			683		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:	00:00	00:00	0.0	
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
						CESSATION:	00:00	24:00	0.0	
						COLLISIONS:	00:00	00:00	0.0	
						TOTALS:	00:00	24:00	0.0	
						TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 320
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Jan 2018 - Wednesday

GENERAL COMMENTS

Ellis Island and Doug Mackie was off-contract all day for repairs/maintenance.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed weather, freezing temps, watch for icy decks, use 3 pts of contact transferring, staying warm, to cold to work outside at this time. heater is out until Friday, limiting activity outside until we have a better place to warm up in. Only have two space heaters till Friday. Derrick: Captain discussed very cold weather, bridge closures around Biloxi areas. limited crew due to cold weather.

JSA DISCUSSIONS:

Wadmalaw: Housekeeping; Vessel Transfers

BEHAVIORAL OBSERVATIONS:

Captain, Chief and Foreman took initiative and called off some of the crew that stayed farther away to stay there. Bridge closures and icy patches on roads made it very dangerous today. To cold to do anything right now anyways. Good safe work practices.

SITE CONDITIONS & HOUSEKEEPING:

Day: Sunshine, High of 37, real feel of 28, Night: Clear and very cold with the temperature approaching the record low of 16 set in 1948. Real feel of 13 degrees.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

* Freeze Warning * watch for *icy* conditions on overpasses, bridges, roads and decks. Bridge closures, watch the news if possible and drive slow.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 321			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Jan 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:53	MAX	1	TIME	22:43	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:18	MAX	1	TIME	23:22	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			19 °F / 46 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1	CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			640	TOTALS:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 321
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 18 Jan 2018 - Thursday	

GENERAL COMMENTS

Ellis Island and Doug Mackie was off-contract all day for repairs/maintenance and receiving fuel.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

SAFETY

PRE-SHIFT MEETING:

Derrick: Deck Captain discussed weather, still freezing temps. watch for ice built up on decks, Safety concerns or issues from yesterday, Today's task and JSAs; Moving barges, welding on compressor barge, Crane lifts and topping off equipment with fuel. SSHO read over Safety Alerts and Safety Bulletin. Captain mentioned getting bags of salt for the icy patches for the decks. Safety will let SA know. Crews participated in stretch and flex exercises.

JSA DISCUSSIONS:

Derrick: Moving Barges, Hot work; weld round bar to compressor; Crane Lifting; Fueling Equipment;

BEHAVIORAL OBSERVATIONS:

Deck Captain had crew all together for safety brief for today's activities on the Derrick. Had tug Captain present, JSAs done prior, Questioned crew for some feedback to make sure they were listen. Crew was dressed in layers for the cold weather and had a heater for the connex to provide warm up breaks out of the cold.

SITE CONDITIONS & HOUSEKEEPING:

Day: This morning in the low 20s, Cold with sunshine and patchy clouds, High of 45 today, Night: Clear and cold with the temperature approaching the record low of 26 set in 1996.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

*Continued Freeze Warning * watch for *icy* conditions on overpasses and bridges.

Make sure we are doing our End Of Shift "ESF" at the end of the day or very next day.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 322			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Jan 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 397,523			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:53	MAX	1	TIME	22:43	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:18	MAX	1	TIME	23:22	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			28 °F / 51 °F		10		8		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:11	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				420	TOTALS:	00:00	00:11	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	05:05	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	05:05	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	18:44	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	18:44	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 322
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Jan 2018 - Friday

GENERAL COMMENTS

Ellis Island and Doug Mackie began the day off-contract for repairs/maintenance in Pascagoula. The dredge left the dock and resumed operations at 18:44. At 18:55, the dredge went down to troubleshoot the swell compensator. No loads completed before midnight. The dredge is now using 8x8 screens.

0 loads pumped on Ship Island today: 0 CY
45 loads pumped on Ship Island to date: 396,523 CY

0 loads dug in OCS West Borrow Area today: 0 CY
4 loads dug in OCS West Borrow Area to date: 43,006 CY

One Delay Today:

305min - Troubleshoot Swell Compensator

SAFETY

PRE-SHIFT MEETING:

Derrick: Deck Captain discussed weather, still freezing temps. watch for ice built up on decks, Safety concerns or issues from yesterday, Today's task and JSAs; Moving barges, welding on compressor barge, Crane lifts and topping off equipment with fuel. SSHO read over Safety Alerts and Safety Bulletin. Captain mentioned getting bags of salt for the icy patches for the decks. Safety will let SA know. Crews participated in stretch and flex exercises.

JSA DISCUSSIONS:

Derrick: Moving Barges, Hot work; weld round bar to compressor; Crane Lifting; Fueling Equipment;

BEHAVIORAL OBSERVATIONS:

Deck Captain had crew all together for safety brief for today's activities on the Derrick. Had tug Captain present, JSAs done prior, Questioned crew for some feedback to make sure they were listen. Crew was dressed in layers for the cold weather and had a heater for the connex to provide warm up breaks out of the cold.

SITE CONDITIONS & HOUSEKEEPING:

Day: This morning in the low 20s, Cold with sunshine and patchy clouds, High of 45 today, Night: Clear and cold with the temperature approaching the record low of 26 set in 1996.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

*Continued Freeze Warning * watch for *icy* conditions on overpasses and bridges.

Make sure we are doing our End Of Shift "ESF" at the end of the day or very next day.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008			CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 323						
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 20 Jan 2018 - Saturday						
DREDGE (Ellis Island)			HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
			NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK		
LOCATION OF WORK			LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 9,060		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 406,583				
			AVG LENGTH OF CUT <u>1,700</u> FT			AVG WIDTH OF CUT <u>1,800</u> FT			AVG DIST TO DUMP <u>37</u> NM						
CHARACTER OF MATERIAL			DENSITY OF MATERIALS				_____		GMS/LITER <u>1925</u>						
			DENSITY OF WATER				_____		GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE			MIN 0 TIME 08:42		MAX 0 TIME 00:02		GAGE LOCATION Air Force Tower								
			MIN 0 TIME 09:02		MAX 0 TIME 00:47		GAGE DATUM NAVD88								
WEATHER CONDITION			WEATHER Weather Caused No Delay		TEMP (min / max) 37 °F / 64 °F		VISIBILITY 10		WIND 15						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		9		30											
AFT		9		30		EFFECTIVE WORKING TIME:									
						PUMPING:		00:00		03:42		0.0			
						TURNING:		00:00		01:27		0.0			
						TO DUMP:		00:00		04:27		0.0			
						CONNECTING:		00:00		00:39		0.0			
						DUMPING:		00:00		02:31		0.0			
						DISCONNECTING:		00:00		00:14		0.0			
						TO CUT:		00:00		02:22		0.0			
						TOTALS:		00:00		15:22		0.0			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>						NON-EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>12/08/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
			1			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN			LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0			
			0			MINOR OPERATING REPAIRS:		00:00		08:38		0.0			
GALLONS OF FUEL OIL CONSUMED			GAL			TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0			
			1,236			LAY TIME:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED			GAL			FIRE AND BOAT DRILLS:		00:00		00:00		0.0			
			800			MISCELLANEOUS:		00:00		00:00		0.0			
WORK PERFORMED						TOTALS:		00:00		08:38		0.0			
DREDGING AND HAULING						LOST TIME:									
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
1		9,060		Ship Island		0		CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
ATTENDANT PLANT						TOTAL TIME/MILES:		00:00		24:00		0.0			
ITEM		NAME OR NUMBER		H.P.		HOURS									

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 323
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Jan 2018 - Saturday

GENERAL COMMENTS

Ellis Island and Doug Mackie began the day troubleshooting the swell compensator. At 0830, the dredge resumed digging in OCS West and pumping on Ship Island. Dredge is using 8x8 screens.

1 load pumped on Ship Island today: 9,060 CY
46 loads pumped on Ship Island to date: 406,583 CY

1 load dug in OCS West Borrow Area today: 9,060 CY
5 loads dug in OCS West Borrow Area to date: 53,006 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

510min - Troubleshoot Swell Compensator
8min - Troubleshoot Static Converter

SAFETY

PRE-SHIFT MEETING:

Derrick: Deck Captain discussed weather, still freezing temps. watch for ice built up on decks, Safety concerns or issues from yesterday, Today's task and JSAs; Moving barges, welding on compressor barge, Crane lifts and topping off equipment with fuel. SSHO read over Safety Alerts and Safety Bulletin. Captain mentioned getting bags of salt for the icy patches for the decks. Safety will let SA know. Crews participated in stretch and flex exercises.

JSA DISCUSSIONS:

Derrick: Moving Barges, Hot work; weld round bar to compressor; Crane Lifting; Fueling Equipment;

BEHAVIORAL OBSERVATIONS:

Deck Captain had crew all together for safety brief for today's activities on the Derrick. Had tug Captain present, JSAs done prior, Questioned crew for some feedback to make sure they were listen. Crew was dressed in layers for the cold weather and had a heater for the connex to provide warm up breaks out of the cold.

SITE CONDITIONS & HOUSEKEEPING:

Day: This morning in the low 20s, Cold with sunshine and patchy clouds, High of 45 today, Night: Clear and cold with the temperature approaching the record low of 26 set in 1996.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

*Continued Freeze Warning * watch for *icy* conditions on overpasses and bridges.

Make sure we are doing our End Of Shift "ESF" at the end of the day or very next day.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 324		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Jan 2018 - Sunday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,285	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 426,868		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				1025	GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	09:02	MAX	0	TIME	00:02	
	MIN	0	TIME	09:17	MAX	0	TIME	00:47	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		47 °F / 69 °F		10		14		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30					
AFT		9		30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	01:51	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:29	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:		00:00	02:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:		00:00	00:35	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	1,983	DUMPING:		00:00	04:42	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:		00:00	00:32	0.0
WORK PERFORMED				TO CUT:		00:00	04:28	0.0	
DREDGING AND HAULING		AGITATING		NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
2	20,285	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:		00:00	07:55	0.0	
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	01:02	0.0	
				TOTALS:		00:00	08:57	0.0	
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
				CESSATION:		00:00	00:00	0.0	
				COLLISIONS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:00	0.0	
				TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 324
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Jan 2018 - Sunday

GENERAL COMMENTS

Ellis Island and Doug Mackie continued digging in OCS West Borrow Area and pumping on Ship Island. On the last load of the day, the dredge developed an uncorrectable list and the dredge had to bottom-dump the load in the borrow area. Dredge remained down for the rest of the day to investigate the issue. Dredge is using 8x8 screens.

2 loads pumped on Ship Island today: 20,285 CY
48 loads pumped on Ship Island to date: 426,868 CY

7 loads dug in OCS West Borrow Area to date: 73,351 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

- 475min - Uncorrectable list exceeding the articouple limit of 3 deg while digging. Load dumped in borrow area and anchored to investigate
- 55min - Fouled pickup line
- 7min - Cycle dump doors

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed weather, safety issues and concerns from yesterday, Safety topic discussed Inspections; what to look for, what to do if you find something of significance, going over writing JSAs, how to properly fill them out, JSAs for today; Housekeeping and Painting. Crews participated in Stretch and Flex Exercises and hacky sack, eye and hand coordination drills.

JSA DISCUSSIONS:

Booster: Housekeeping; Painting; Inspecting Equipment;

Dredge: Using Incinerator; Cleaning/Inspecting Dragheads; Personnel Transfer

BEHAVIORAL OBSERVATIONS:

Chief went over with Crew where to look up the SDS for chemicals used for their task of housekeeping and painting. Looking at the Pictographs and what they mean, reading the hazards of the chemicals used. Making sure they know what to do in case of accidental contact with eyes or skin. Good job!

SITE CONDITIONS & HOUSEKEEPING:

Day: Nice with times of clouds and sun, High of 68, Night: cloudy and mild, Low of 58.

Housekeeping is ongoing and being maintained by the crews.

GENERAL COMMENTS:

SSHO working on cleaning up P.S. Open Issues, Packaging up Air and Water Samples on the Dredge and finishing up Weekly and Daily Reports.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 325	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Jan 2018 - Monday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	0	426,868		
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>		
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	09:02	MAX	0	TIME	00:02
	MIN	0	TIME	09:17	MAX	0	TIME	00:47
GAGE LOCATION		Air Force Tower						
GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Non Work Day		54 °F / 64 °F		2		16	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9	30					
AFT		9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0	
			1	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0	
			0	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0	
			256	TOTALS:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			400	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	24:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	24:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 325
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 22 Jan 2018 - Monday	

GENERAL COMMENTS

Ellis Island and Doug Mackie were off-contract today. At dock in Pascagoula for repairs

0 loads pumped on Ship Island today: 0 CY
48 loads pumped on Ship Island to date: 426,868 CY

7 loads dug in OCS West Borrow Area to date: 73,351 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed weather, storm coming in, any issues to address, none brought up. Order supplies, Safety topic discussed was Slips, Trips and Falls. Watch hand and foot placement, wet and slippery decks, uneven surfaces. Know your work area hazards,
Fill Site: discussed upcoming weather, safety issues, scope of work for today, JSAs needed, use 3 pts of contact on equipment, face the equipment when enter and exiting. Crew participated in Stretch and Flex exercises.

JSA DISCUSSIONS:

Fill Site: Installing Grounding Rods; Adding and Breaking Pipe; Fueling Equipment; Building/Maintaining Containment

Booster: Housekeeping; Grease Deck Fittings and Valves

BEHAVIORAL OBSERVATIONS:

JSAs: Filling them out correctly. Permit To Work "PTW" on the JSA form is checked only if you need a "Permit" to work, like welding "Hot work Permit", "Confined Space Entry Permit" if not, this block should not be checked. Supervisor please review the crews daily JSAs. Make sure they are filling them out completely, checking the boxes that pertain to that particular JSA, like the 6 T's.

SITE CONDITIONS & HOUSEKEEPING:

Day: Mostly cloudy with a couple of showers and a thunderstorms around into the early afternoon. High of 67, Night: Partly cloudy and cooler, Low of 45.

Housekeeping is the project is on going and being maintained by the crews.

GENERAL COMMENTS:

Dredge is down. Pascagoula VT Marine for repairs.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 326
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Jan 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	426,868
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:02	MAX	0	TIME	00:02	GAGE LOCATION Air Force Tower
	MIN	0	TIME	09:17	MAX	0	TIME	00:47	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	45 °F / 65 °F	10	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	24:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	24:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 326
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 23 Jan 2018 - Tuesday	

GENERAL COMMENTS

Ellis Island and Doug Mackie were off-contract today. At dock in Pascagoula for repairs

0 loads pumped on Ship Island today: 0 CY
48 loads pumped on Ship Island to date: 426,868 CY

7 loads dug in OCS West Borrow Area to date: 73,351 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Dredge: Captain/Mate discussed scope of work for the day with crew, JSAs needed, Stores coming in. Visitors coming, Working off P.S. deficiencies. Painting that needs to be done. Getting Rigging certs signed, Set up Respiratory Fit test Questionnaire for crew who needs it. Continue with Dredge repairs, Crew participated in stretch and flex exercises.

JSA DISCUSSIONS:

Dredge: Crane Lifts; Stores; Greasing Gear; Changing T.E.D. Link; Housekeeping, Painting;

Booster: Housekeeping; Maintenance

BEHAVIORAL OBSERVATIONS:

Chief got the Eye wash stations up around the Mackie and Ellis that were deficiencies on P.S. Open Issues. Captain & Crew did a great job of evacuating an injured Ship yard worker out of the Void and off the Dredge.

SITE CONDITIONS & HOUSEKEEPING:

Day: Nice with clouds and sunshine, High of 62, Night: Mainly clear. Low of 40.

Housekeeping is the project is on going and being maintained by the crews.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 327			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Jan 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 426,868		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	09:02	MAX	0	TIME	00:02	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	09:17	MAX	0	TIME	00:47	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			36 °F / 57 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		9	30							
AFT		9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			552		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	24:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 327
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Jan 2018 - Wednesday

GENERAL COMMENTS

Ellis Island and Doug Mackie were off-contract today. At dock in Pascagoula for repairs.

0 loads pumped on Ship Island today: 0 CY
48 loads pumped on Ship Island to date: 426,868 CY

7 loads dug in OCS West Borrow Area to date: 73,351 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Derrick: Deck Captain discussed scope of work for the day, Weather permitting go out and blow-up subline, JSAs needed, Hot work, Housekeeping, Crane Lifts, Blow-up Sub-line; Dredge update, Booster: Chief discussed weather, Dredge update, talked about keeping your work and break areas tidy, "Housekeeping", Don't leave tripping hazards around, remove prior to work, JSAs, Crew participated in stretch and flex exercises.

JSA DISCUSSIONS:

Derrick: Crane Lifts; Housekeeping; Hot work

Booster: Changing Air Filter on HVAC; Housekeeping; Disposal of Filters

BEHAVIORAL OBSERVATIONS:

Deck Captain took Crew to Blow-up Sub-line but the sea conditions were too rough. Captain made the call not to do it. It's not worth someone getting hurt. Good call.

SITE CONDITIONS & HOUSEKEEPING:

Day: Cloudy, High temperature around 56, Humidity 52%, Winds 9 mph from the North. Night: Partly cloudy. Low around 39, Winds 9 mph from the NNE.

Thursday: Sunny, High in the lower 60s. East winds 5 to 10 mph.

Housekeeping is the project is on going and being maintained by the crews.

GENERAL COMMENTS:

SSHO, Asst. PE and Runner made the Company Office in compliance with the Fire Marshall who inspected our Building yesterday. Removed generators, extension cords. and replaced them with new surge protectors. Also worked off P.S. Open Issues. SSHO did New Hire Orientation with Steward for D.B. Mackie

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 328											
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 25 Jan 2018 - Thursday											
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY												
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK											
		17	2		2	7											
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 426,868										
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM												
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>												
	DENSITY OF WATER				GMS/LITER@ <u>37 °F</u>												
RIVER/TIDE STAGE	MIN	0	TIME	09:02	MAX	0	TIME	00:02	GAGE LOCATION	Air Force Tower							
	MIN	0	TIME	09:17	MAX	0	TIME	00:47	GAGE DATUM	NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND										
	Weather Caused No Delay		32 °F / 61 °F		10		14										
DRAFT						DISTRIBUTION OF TIME AND MILES RUN											
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)					
		9		30													
AFT		9		30		EFFECTIVE WORKING TIME:											
						PUMPING:		00:00		02:10		0.0					
						TURNING:		00:00		00:44		0.0					
						TO DUMP:		00:00		02:43		0.0					
						CONNECTING:		00:00		00:12		0.0					
						DUMPING:		00:00		00:00		0.0					
						DISCONNECTING:		00:00		00:13		0.0					
						TO CUT:		00:00		00:00		0.0					
						TOTALS:		00:00		06:02		0.0					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>						NON-EFFECTIVE WORKING TIME:											
INDICATORS LAST CHECKED ON <u>12/08/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0					
				1		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0					
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0					
				0		MINOR OPERATING REPAIRS:		00:00		00:29		0.0					
GALLONS OF FUEL OIL CONSUMED				GAL		TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0					
				750		LAY TIME:		00:00		00:00		0.0					
GALLONS OF WATER CONSUMED				GAL		FIRE AND BOAT DRILLS:		00:00		00:00		0.0					
				500		MISCELLANEOUS:		00:00		00:51		0.0					
WORK PERFORMED						TOTALS:						00:00		01:20		0.0	
DREDGING AND HAULING				AGITATING		LOST TIME:											
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0			
								CESSATION:		00:00		16:38		0.0			
								COLLISIONS:		00:00		00:00		0.0			
								TOTALS:		00:00		16:38		0.0			
								TOTAL TIME/MILES:		00:00		24:00		0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 328
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 25 Jan 2018 - Thursday	

GENERAL COMMENTS

Ellis Island and Doug Mackie began the day off-contract. The dredge broke dock around 1100 & sailed to the OCS West BA arriving around 1630. After performing checks of the barge's hydraulic system a paint test was performed at which the conclusion of the dredge resumed normal operations.

No loads completed today.

0 loads pumped on Ship Island today: 0 CY
48 loads pumped on Ship Island to date: 426,868 CY

7 loads dug in OCS West Borrow Area to date: 73,351 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Deck Captain questioned the crew about safety concerns from the previous day. Also discussed the job tasks for the day and emphasized to the crew to fill out their JSAs prior to each job task. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706: Crane lifts, using power tools, welding/cutting/burning(welding flange to pipe, welding pipe to ball).

BEHAVIORAL OBSERVATIONS:

Observed the Welders utilizing safe work practices and wearing all required PPE while working on the pipe flange. The Welders had their JSA and Hot Work Permit filled out prior to commencing the job task. Also observed a deckhand safely installing a vessel transfer sign on the anchor barge.

SITE CONDITIONS & HOUSEKEEPING:

Cold this morning with morning lows in the upper 30s and daytime temperatures in the upper 50s. The crews on the Mobro 1706 are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO attended the weekly project meeting and also viewed the monthly Safety departmental meeting on line. SSHO completed Moxie training as well. SSHO uploaded AB 105 and AB 113 weekly inspection reports into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 329		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Jan 2018 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 9,444	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 436,312	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>37 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	03:26	MAX	1	TIME	17:10	
	MIN	0	TIME	04:25	MAX	1	TIME	18:09	
GAGE LOCATION		Air Force Tower		GAGE DATUM		NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused Non-Critical Delay			41 °F / 66 °F		10		23	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	00:00	0.0	
		FT/MIN		CONNECTING:		00:00	00:00	0.0	
		1	DUMPING:		00:00	01:47	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:17	0.0	
		FT/MIN		TO CUT:		00:00	02:19	0.0	
		0	TOTALS:		00:00	04:23	0.0		
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:					
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
		500	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	07:00	0.0	
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
		500	MINOR OPERATING REPAIRS:		00:00	09:31	0.0		
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0
1	9,444	Ship Island	0		MISCELLANEOUS:		00:00	03:06	0.0
ATTENDANT PLANT				TOTALS:		00:00	19:37	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS		LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 329
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 26 Jan 2018 - Friday	

GENERAL COMMENTS

The dredge continued digging in the OCS West BA and pumping out on Ship Island. The dredge went down for mechanical delays. After the repairs were completed; the dredge went down for weather the rest of the day.

1 load pumped on Ship Island today: 9,444 CY
49 loads pumped on Ship Island to date: 436,312 CY

8 loads dug in OCS West Borrow Area to date: 82,795 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Four Delays Today:

- 571min - At anchor to inspect STBD main engine gearbox for possible damage; repair power supply to barge
- 420min - Remain at anchor due to weather
- 177min - Shut down for fill site
- 9min - Extended line flush

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Deck Captain questioned the crew about safety concerns from the previous day. Also discussed the job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Crane lifts, moving barges, bolting flanges, welding/cutting/burning (welding pipe to ball, welding discharge pipe).

BEHAVIORAL OBSERVATIONS:

Observed the Emma Kate Captain providing a good thorough JSA brief including addressing the rough sea conditions. The deckhand also ensured everyone signed the JSA. Observed the Welder wearing all required PPE while working on the ball. JSA and Hot Work Permit were filled out as well.

SITE CONDITIONS & HOUSEKEEPING:

Cool this morning with temperatures in the low 50s and daytime highs in the low 60s. Windy and very rough sea conditions as well. The crews on the Mobro 1706 are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

The Emma Kate was about an hour into the ride to the Dredge when the Captain and Management made a good call to turn the crew boat around and not attempt a vessel transfer due to the rough sea conditions. SSHO provided Dredge Captain with a list of personnel who have expired respirator qualifications. Will assist Captain in getting program up to speed. Ordered full/half face masks to conduct fit tests with the crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 102 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 330
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Jan 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	436,312
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER		GMS/LITER@	37 °F

RIVER/TIDE STAGE	MIN	0	TIME	04:25	MAX	1	TIME	18:09	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:13	MAX	1	TIME	19:16	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	41 °F / 66 °F	10	23

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	250	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 330
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 27 Jan 2018 - Saturday	

GENERAL COMMENTS

The dredge was down all day due to rough seas.

0 loads pumped on Ship Island today: 0 CY
49 loads pumped on Ship Island to date: 436,312 CY

8 loads dug in OCS West Borrow Area to date: 82,795 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Deck Captain questioned the crew about safety concerns from the previous day. Also discussed the job tasks for the day. SSHO discussed incident reporting procedures. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Moving heavy equipment with forklift, welding/cutting/burning(welding ring stops, welding pipe to ball, welding discharge pipe).

BEHAVIORAL OBSERVATIONS:

Observed the Welder utilizing safe work practices and wearing all required PPE while fabricating and installing ring stops. The Welder filled out his JSA and Hot Work Permit and also inspected all his tools prior to starting the job task. The heavy equipment Operator was positioning pipe on the hill and ensured all personnel observed the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Observed the Welder utilizing safe work practices and wearing all required PPE while fabricating and installing ring stops. The Welder filled out his JSA and Hot Work Permit and also inspected all his tools prior to starting the job task. The heavy equipment Operator was positioning pipe on the hill and ensured all personnel observed the safety zone.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Mobro 1706. A few minor discrepancies were noted and the SSHO corrected them on the spot. One issue was added to the Predictive Solutions database(fire extinguisher missing on welding cart). SSHO conducted a JSA audit. Also assisted the heavy equipment operator with writing a JSA for his job task.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 331			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Jan 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 5,502	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 441,814			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:13	MAX	1	TIME	19:16	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:57	MAX	1	TIME	20:19	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Non-Critical Delay			59 °F / 66 °F		6		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	01:59	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:54	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	03:05	0.0	
			1		CONNECTING:		00:00	00:09	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	01:12	0.0	
			0		DISCONNECTING:		00:00	00:14	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	02:28	0.0	
			1,000		TOTALS:		00:00	10:01	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	08:04	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	5,502	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	05:55	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	13:59	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 331
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Jan 2018 - Sunday

GENERAL COMMENTS

The dredge began the day at anchor due to rough seas. The dredge resumed operations at 0930 digging in OCS West Borrow Area and pumping out on Ship Island.

1 load pumped on Ship Island today: 5,502 CY
50 loads pumped on Ship Island to date: 441,814 CY

9 loads dug in OCS West Borrow Area to date: 88,297 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Five Delays Today:

- 484min - At anchor in borrow area due to weather
- 168min - Repack dredge pump
- 117min - Troubleshoot articouple system
- 47min - Check dredge pump gland seal
- 23min - Long turn to check dredge systems

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Deck Captain questioned the crew about safety concerns from the previous day. Discussed the foggy conditions today and to watch for slippery decks. Also discussed job tasks for the day including installing lights on the pipe raft and buoys. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Moving heavy equipment with forklift, crane lifts, working on surge tanks, installing lights, welding/cutting/burning(welding pipe for the riser).

SITE CONDITIONS & HOUSEKEEPING:

Foggy this morning with temperatures in the low 60s for most of the day. The crews on the Mobro 1706 are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO worked with the Deck Captain to write a Good Catch. Good job by Tiny and David in discovering the loose bolts on the air hose! SSHO completed American Red Cross CPR/AED/First Aid Instructor recertification training. SSHO also completed a OSHA Academy on line training course.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 332		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 29 Jan 2018 - Monday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 462,509	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>			
	DENSITY OF WATER				GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	05:57	MAX	1	TIME	20:19
	MIN	0	TIME	06:38	MAX	1	TIME	21:16
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 48 °F / 66 °F		VISIBILITY 10		WIND 17
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9		30			
AFT			9		30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING: 00:00 04:10 0.0				
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING: 00:00 01:47 0.0				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP: 00:00 06:28 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING: 00:00 00:19 0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	1,000	DUMPING: 00:00 05:03 0.0			
GALLONS OF WATER CONSUMED			GAL	250	DISCONNECTING: 00:00 00:44 0.0			
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0				
2	20,695	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0				
				MINOR OPERATING REPAIRS: 00:00 00:21 0.0				
				TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0				
				LAY TIME: 00:00 00:00 0.0				
				FIRE AND BOAT DRILLS: 00:00 00:00 0.0				
				MISCELLANEOUS: 00:00 00:22 0.0				
				TOTALS: 00:00 00:43 0.0				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0				
				CESSATION: 00:00 00:00 0.0				
				COLLISIONS: 00:00 00:00 0.0				
				TOTALS: 00:00 00:00 0.0				
				TOTAL TIME/MILES: 00:00 24:00 0.0				

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 332
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Jan 2018 - Monday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out on Ship Island on subline 1.

2 loads pumped on Ship Island today: 20,695 CY
52 loads pumped on Ship Island to date: 462,509 CY

11 loads dug in OCS West Borrow Area to date: 108,992 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

22min - Crewboat transfer
21min - Check dredge pump gland seal

SAFETY

PRE-SHIFT MEETING:

Ellis Island/Tug Mackie: The Captain questioned the crew about safety concerns from the previous day. Also discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Ellis Island/Tug Mackie: Connecting/Disconnecting bow coupling, painting, inspecting/cleaning drag heads, housekeeping/sanitary, endangered species inspection, grinding and wire wheeling, working aloft.

BEHAVIORAL OBSERVATIONS:

Observed the crew utilizing safe work practices and wearing all required PPE while inspecting/cleaning drag heads. Turtle Observer conducted an endangered species inspection in a safe manner. Observed the Emma Kate Captain conduct a thorough vessel transfer JSA brief. Also observed the crew assisting all personnel in performing hands free safe vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Cool morning with morning lows in the 50s and daytime highs in the low 60s. The crews on the Ellis Island/Tug Mackie are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Ellis Island/Tug Mackie. SSHO fixed some of the issues and worked with the Chief and Welder to fix the majority of the rest of the issues. One issue(drill press needs operators manual and safety alert) was added to the Predictive Solutions database. SSHO assisted the Captain with writing 3 Good Catch reports. Good job by the crew in submitting these leading indicator reports!

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 333
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Jan 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	22,170	484,679
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	06:38	MAX	1	TIME	21:16	GAGE LOCATION Air Force Tower
	MIN	0	TIME	07:16	MAX	1	TIME	22:08	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	35 °F / 55 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:09	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:42	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:21	0.0
			1	CONNECTING:	00:00	00:38	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	05:27	0.0
			0	DISCONNECTING:	00:00	03:23	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	04:12	0.0
			1,648	TOTALS:	00:00	22:52	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:14	0.0
2	22,170	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:37	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:17	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 333
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Jan 2018 - Tuesday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out on Ship Island on subline 1.

2 loads pumped on Ship Island today: 22,170 CY
54 loads pumped on Ship Island to date: 484,679 CY

13 loads dug in OCS West Borrow Area to date: 131,162 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Six Delays Today:

- 26min - Port side dredge pump clutched out (two delays)
- 13min - Crewboat transfer
- 14min - Slow bell for traffic
- 11min - Rest draghead davit hoist
- 4min - Remove trash from draghead

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Deck Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Also conducted Weekly Tool Box discussing Proper Tool Use and PPE. SSHO emphasized the purpose of PPE and also reiterated the importance of Leading Indicator reports. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Crane lifts, welding/cutting/burning(welding ball and bell to riser pipe)

BEHAVIORAL OBSERVATIONS:

Observed the crew utilizing safe work practices and wearing all required PPE while performing crane lifts. The crew utilized great communication between the crane operator, crew and crew boat Captain while loading stores on the crew boat. The Deckhand used proper hand signals and a tag line as well. Observed the Welder working safely while welding the ball and bell to the riser. JSAs were filled out prior to all tasks as well as a Hot Work permit.

SITE CONDITIONS & HOUSEKEEPING:

Cold and windy morning with lows in the 30s and daytime highs in the 50s. The crews on the Mobro 1706 are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO submitted Ellis Island/Mackie crew respirator questionnaires to Allone Health. Scanned and uploaded into NS5 weekly inspections for the Ohio River, both Anchor Barges, and both Compressor Barges.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 334			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 31 Jan 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 32,013	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>37 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	07:16	MAX	1	TIME	22:08		
	MIN	0	TIME	07:49	MAX	1	TIME	22:57		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay		34 °F / 63 °F		10		14			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	02:18	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:26	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:		00:00	04:35	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:		00:00	00:34	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	1,500	DUMPING:		00:00	05:04	0.0	
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:		00:00	00:52	0.0	
WORK PERFORMED				TO CUT:		00:00	06:27	0.0		
DREDGING AND HAULING		AGITATING		TOTALS:		00:00	20:16	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:						
3	32,013	Ship Island	0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
				MINOR OPERATING REPAIRS:		00:00	01:30	0.0		
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
				LAY TIME:		00:00	00:00	0.0		
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
				MISCELLANEOUS:		00:00	02:14	0.0		
				TOTALS:		00:00	03:44	0.0		
ATTENDANT PLANT				LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 334
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 31 Jan 2018 - Wednesday	

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping on Ship Island at subline 1. At 14:00, the Doug Mackie suffered a failure of the STBD main engine gearbox high speed clutch bearing. Dredge was down for the remainder of the day.

3 loads pumped on Ship Island today: 32,013 CY
57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

- 124min - Testing propulsion systems in sail and dredge mode during sail to borrow area
- 90min - Slow bell to pumpout due to STBD ME gearbox failure
- 10min - Long connect due to being on one main engine

SAFETY

PRE-SHIFT MEETING:

Ellis Island/Mackie: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Ellis Island/Mackie: personnel transfer, connecting/disconnecting bow connection, endangered species inspection, inspecting/cleaning drag heads, housekeeping/sanitary, personnel transfer

BEHAVIORAL OBSERVATIONS:

Observed the crew utilizing safe work practices and wearing all required PPE while inspecting the drag heads. The crews were tidying up their work areas after job task completion. Observed the Emma Kate Captain conduct a vessel transfer JSA brief. The Captain also ensured that all personnel signed the JSA. Crew boat Deckhand and the AB on the Tug assisted all personnel during vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Cold again this morning with lows in the 30s and daytime highs in the 50s. The crews on the Ellis Island/Mackie are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

The SSHO conducted a safety walk around on the Ellis Island/Mackie. SSHO fixed one of the Predictive Solutions open issues and worked with the Welders to sign off two other open issues on the Ellis Island. SM submitted one Good Catch and SSHO assisted Captain with submitting two others. SSHO conducted fit tests for 4 employees on the Ellis Island/Mackie. Paperwork for the fit tests as well as questionnaires submitted earlier this week were emailed to the DSHEM for upload to Bullseye as well.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 335			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Feb 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			52 °F / 67 °F		10		9		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				1,500	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 335
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 01 Feb 2018 - Thursday	

GENERAL COMMENTS

The dredge at anchor and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Derrick; Captains discussed safety issues and concerns, weather conditions, watch out for wet and slippery decks, Housekeeping, Mandatory Drills, Man Over Board and Fire, Dredge update, work schedules, JSAs needed, Scope of work for today. SSHO read over MOB and talked about conducting rehearsals/drills, watch your footing and inspect your PPE to make sure it's good and not worn out. Training needed/wanted. Crews participated in stretching exercises.

JSA DISCUSSIONS:

Derrick: Crane Lifts; Housekeeping; Hot work

BEHAVIORAL OBSERVATIONS:

Captain discussed working on conducting drills on the Derrick to keep the crews trained and prepared if someone should fall over board or a fire should break out on board. Rehearsals will keep the Captain and crew safer by knowing what to do in a real emergency situation if it should happen.

SITE CONDITIONS & HOUSEKEEPING:

Day: Cloudy, High of 68, Night: A brief evening shower or two, then patchy fog late with occasional rain and drizzle. Low of 48.

Housekeeping on the project site is on going and being maintained by the crews.

GENERAL COMMENTS:

SSHOs attended the Weekly Operations Meeting along with completing ARC First Aid, CPR & AED Instructors recertification training.

Dredge down for repairs for possibly 2 to 3 weeks

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 336
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Feb 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	516,692
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	41 °F / 60 °F	10	24

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			670	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	24:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 336
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 02 Feb 2018 - Friday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Deck Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. He also emphasized that with the number of Captains on site, proper communication between the crew is essential. SSHO discussed PMSLT Safety Challenge for Quarter 1. Also discussed windy conditions today and emphasized PPE policy. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: moving barges, crane lifts, welding/cutting/burning(weld riser pipe, cut cable with torch), using heavy equipment, fix headache ball wire. Remove 5 foot section at the end of the wire

BEHAVIORAL OBSERVATIONS:

Observed the welders utilizing safe work practices and wearing all required PPE while working on the riser pipe. Welders inspected all equipment prior to use and had their JSA and Hot Work permit prior to starting the job task. Observed the crane Operator perform multiple lifts in a safe and efficient manner. All personnel utilized good communication and observed the safety zone during the lifts.

SITE CONDITIONS & HOUSEKEEPING:

Day: Cooler with clouds breaking for some sun, High of 58, Night: Partly cloudy, Low of 39.

Housekeeping on the project site is on going and being maintained by the crews.

GENERAL COMMENTS:

SSHO assisted the crew with writing/submitting three Good Catches. Also conducted two JSA audits. SSHO conducted a Predictive Solutions inspection on the Mobro 1706. SSHO worked off P.S. deficiencies on the Project Office and completed a Good Catch on the Derrick as well.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 337			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Feb 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			36 °F / 59 °F		10		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			680		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 337
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 03 Feb 2018 - Saturday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

D.B. Mackie/Ellis Island: Captain discussed weather, Tug updates, Daily duties, JSAs needed, Went over Safety Alerts, Seasonal Flu Safety, Washing hands frequently and wiping down your work areas daily. Mobro 1706/Bullgang: The Deck Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Ellis Island/D.B. Mackie: Painting: trip hazards, Crane Lifts, Maintenance & Housekeeping

Mobro 1706/Bullgang: moving barges, crane lifts, welding/cutting/burning(weld riser pipe, cut cable with torch), tightening bolt on flange

BEHAVIORAL OBSERVATIONS:

SSHO conducted Respirator Fit Testing with some of the crew. The one employee had a lot of facial hair and had a harder time getting his mask to seal. Eventually everything worked out and the employee was able to seal his mask and complete his testing. Safety mentioned to crew that being cleaned shaven aids in sealing your mask/respirator. Observed the welders utilizing safe work practices and wearing all required PPE while working on the riser pipe. Welders inspected all equipment prior to use and had their JSA and Hot Work permit prior to starting the job task.

SITE CONDITIONS & HOUSEKEEPING:

Day: Mostly cloudy, High of 60, Night: Periods of rain, Low of 57. Real feel of 48.

Housekeeping on the project site is on going and being maintained by the crews.

GENERAL COMMENTS:

SSHO conducted Respirator Fit Testing to three Mackie/Ellis crew members. Conducted P.S. walk around, found some deficiencies that I was able to take care of most. Some Fire Extinguisher will need to be recharged and tagged. SSHO spoke to the SPI Foreman and crew about the GLDD PPE policy which they were familiar with. Also provided JSAs and Hot Work Permits for the GLDD yard crew. SSHO assisted the crew with writing/submitting two Good Catches. Also conducted a JSA audit. SSHO conducted a Predictive Solutions inspection on the Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 338			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Feb 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			52 °F / 69 °F		8		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			800		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			800		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 338
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 Feb 2018 - Sunday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Deck Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: moving barges, securing yard equipment, crane lifts, welding/cutting/burning(weld riser pipe), rolling eyes on cables.

BEHAVIORAL OBSERVATIONS:

Observed the welders utilizing safe work practices and wearing all required PPE while working on the riser pipe. Welders inspected all equipment prior to use and had their JSA and Hot Work permit prior to starting the job task.

SITE CONDITIONS & HOUSEKEEPING:

Foggy morning with morning lows in the upper 50s and daytime highs in the mid 60s. The Mobro 1706/Bullgang crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO conducted respirator training and fit tests with the two Welders from the Mobro 1706. The SSHO conducted a safety walk around and Predictive Solutions inspection at the yard. SSHO submitted a Safety Net Bulletin to DSHEM. Also submitted requisition for some respirator equipment for the Welders.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 339
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Feb 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	516,692
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN <u>0</u> TIME <u>07:49</u>	MAX <u>1</u> TIME <u>22:57</u>	GAGE LOCATION <u>Air Force Tower</u>
	MIN <u>0</u> TIME <u>08:16</u>	MAX <u>1</u> TIME <u>23:42</u>	GAGE DATUM <u>NAVD88</u>

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	45 °F / 61 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			

AFT		9	30	EFFECTIVE WORKING TIME:		
				PUMPING:	00:00	00:00
				TURNING:	00:00	00:00

DRAG DEPTH	MAX <u>41</u>	MIN <u>39</u>	TO DUMP:	00:00	00:00	0.0
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INDICATORS LAST CHECKED ON <u>12/08/2017</u>	CONNECTING:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0
		1	TO CUT:	00:00	00:00	0.0

AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TOTALS:	00:00	00:00	0.0
		0				

GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		790	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0

GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		0				

WORK PERFORMED

DREDGING AND HAULING			AGITATING			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00
				MINOR OPERATING REPAIRS:	00:00	00:00
				TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00

ATTENDANT PLANT

ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0

LOST TIME:

MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	24:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 339
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Feb 2018 - Monday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain discussed weather, scope of work , JSAs needed, Safety concerns or issues, Moving Barges and towing out sub-line, crane lifts. watch your footing, look out for each other, Welding Yard: Operators discussed job tasks, JSAs for today, help out welding contractors picking up pipe to be welded. fueling equipment. Crews did stretch n flex exercises.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Moving Barges, Crane Lifts, Towing out Sub-line

Welding Yard: Hot work; welding pipe; Moving Equipment w/Forklift; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

SSHO observed contracted Welders and Foreman working. Questioned the safety of the rigging clamp on the pipe to see if any have slipped before especially Welders being so close to the pipe in case it slipped. Both Operator and Foreman assured none have. Foreman blocked pipe and Welders put a good pass on the pipe right away to secure it before welding underneath.

SITE CONDITIONS & HOUSEKEEPING:

Turning cloudy, High of 63. Night: Mainly clear with a shower in the area late.

Crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO did P.S. Inspections of Yard, JSA Audits and Safety Call in for Daily Safety Report "DSR"

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 340			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 06 Feb 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			53 °F / 66 °F		9		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			716		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 340
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Feb 2018 - Tuesday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain discussed weather, rain, scope of work, secure pipe raft, Install hoses, Housekeeping, Fill Site: The Foreman questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Also read SALT book section III topic 10 "Fill Area". Crews did stretch n flex exercises.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Hot work; Housekeeping

Fill Site: Moving Equipment with Forklift; Building/Maintaining Containment; Fueling Equipment.

Welding Yard: Hot work; welding pipe; Moving Equipment w/Forklift

BEHAVIORAL OBSERVATIONS:

SSHO observed Welder on the Derrick welding on Bell and noticed welding lead extension had a gap and was in 1/2" of water on the deck. Told other Welder that this is not safe, could possibly cause someone to get serious shocked/electrocuted. Welder picked up welding lead where it was pushed together and hung it on Bell to keep it out of the standing water on deck.

SITE CONDITIONS & HOUSEKEEPING:

Today: Rain and T-storms this morning followed by a couple of showers and thunderstorms this afternoon, High of 66. Night: Grey skies, clouds with a couple of showers and thunderstorms, areas of fog late. Lo: 63

Crews are doing a good job maintaining housekeeping in their respective work areas throughout the project.

GENERAL COMMENTS:

SSHO/E Fire Southern inspected and re-tagged Annual to all the Fire Extinguisher on the Wadmalaw, Welding Yard and Derrick.

SSHO trained/tested two Fill Site crew on First Aid, CPR, AED & BBP.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 341			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Feb 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			48 °F / 75 °F		6		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1	CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			500	TOTALS:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 341
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 07 Feb 2018 - Wednesday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captains discussed weather, rain, slippery decks, Scope of work; Install Float hoses to pipe, Moving Derrick/Barges. Housekeeping, SSHO talked about DSR and what Captains will be needing to do to submit a Daily Safety Report.

Welding Yard: Discussed weather, plan for the day, helping out welding contractors, Lift pipe, fueling, communication, The Crews did stretch n flex exercises.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Crane Lifts, Bolt/Unbolt Flanges, Rubber Line; Moving Derrick

Welding Yard: Hot work; welding pipe; Moving Equipment w/Forklift; Fueling Equipment

Fill Site: Moving Equipment with Forklift; Building/Maintaining Containment; Fueling Equipment.

BEHAVIORAL OBSERVATIONS:

Observed Captain checking on his crew making sure they wear all their PPE everywhere on the Derrick. The deck is a work area and you will wear all your PPE "gloves" when out on it. Doesn't matter if your doing a task or not. The only PPE Free Zone is in the Office. Good job enforcing and setting standards.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a couple of showers and a thunderstorm, mainly later. High of 70. Night: Grey skies, clouds with a couple of showers and thunderstorms, areas of fog late. Lo: 44

Crews are doing a good job maintaining housekeeping in their respective work areas throughout the project.

GENERAL COMMENTS:

SSHO/Management had a meeting discussion DSR roll-out to Supervisors.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 342			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Feb 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			43 °F / 66 °F		10		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 342
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Feb 2018 - Thursday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captains discussed weather, cold, wet and slippery decks, Clean off your muddy boots walking from the yard to avoid slipping, Job tasks, Cont. bolt flanges, rubber hoses & riser pipe, Prepare subline for Monday. SM talked about Q1 Safety Challenge 2018 Feb 1st - Apr. 30th, Dredge/Tug update, SSHO discussed Fatigue in the work place; Contractors will be here to look at Drag Barge, The Crews did stretch n flex exercises and hacky sack toss.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Crane Lifts, Bolt/Unbolt Flanges, Rubber Line; Hot work; Moving Barges; Confined Space Entry (Ramp Barge-Owners/Employees)

Welding Yard: Hot work; welding pipe; Moving Equipment w/Forklift; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

Captain and SSHO made sure employees of Ramp Barge owners followed GLDD policies and procedures when entering Confined Space. Void was opened 24hrs prior to entry. We supplied JSA, Confined Space Permit and Entry Attendant to stand guard over void space opening. Ramp Barge Employees had a 4 gas meter, respirators if needed, blowers for ventilation and flash lights for lighting. Task was completed without an incident.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cooler this morning mid 40s, Clouds giving way to some sun, High of 64. Night: Considerably cloudy, Lo: 51

Crews are doing a good job maintaining housekeeping in their respective work areas throughout the project site.

GENERAL COMMENTS:

SSHO did Safety walk around/Hazard hunt on the Derrick and Yard, JSA Audit and P.S. inspection prior to Weekly Operations Meeting. We will be working/training the Captains, Chiefs and Foremen to submit your "DSR" Daily Safety Report that GLDD has been slowly incorporating on projects later last year.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 343			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Feb 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			53 °F / 70 °F		8		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 343
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Feb 2018 - Friday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

D.B. Mackie: Captain/Mate discussed for morning pre-shift with crew, weather, tug updates, scope of work for the day, priorities of work, JSAs needed, working safely and keeping an eye on each other, maintenance and house keeping. The Crews did stretch n flex exercises.

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island: Painting; Housekeeping/Sanitary; Crane Lifts; Chain Fall or Come-A-Long;

Welding Yard: Hot work; welding pipe; Moving Equipment w/Forklift; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

Deckhand/Bullgang on the Mobro 1706 found a Good Catch when he noticed when inspection his equipment/tools prior to use that the circular saw and grinder didn't come with a ground (3 prong plug) only two. This is a safety issue when working outside in wet conditions on the Derrick where dampness and standing water are present on our decks when working.

SITE CONDITIONS & HOUSEKEEPING:

Today: Considerable cloudiness, High of 69. Night: Clouds and mild with showers, areas of late night fog, Lo: 63

Crews are doing a good job maintaining housekeeping in their respective work areas throughout the project site.

GENERAL COMMENTS:

SSHO discussed with Captain and Chief on the D. B. Mackie the new "DSR" Daily Safety Report that will be incorporated daily on our project sites. Trying to get access for the Captains, Chiefs and Mates through J. Campbell. Working out issues. Provided paper copies until we can get everyone access. Main priority is to get the Tug up and running.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 344			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Feb 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			62 °F / 73 °F		6		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1	CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			0	TOTALS:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 344
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 Feb 2018 - Saturday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Derrick/Bull-gang: Captain discussed weather and sea conditions, rain and wet decks, be careful of your footing, briefed job tasks/priority, SM/SSHO went over Incident stats for Jan. 18, Incident rate, IIF Dash board, Safety Statistics snapshot. Safety also talked about DSR and getting reports out by the following day. The Crews did stretch n flex exercises.

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island: Painting; Housekeeping/Sanitary; Crane Lifts; Chain Fall or Come-A-Long;

Welding Yard: Hot work; welding pipe; Moving Equipment w/Forklift; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

Deckhand noticed welding trailer leaning real bad and saw the support leg almost sideways. Told Safety and Captain about it before it could of possibly fell on someone. Captain and Safety investigated the problem and found that the Rental company put the wrong size pin in the support leg causing a lot of play making the leg tilt. Safety and Deckhand straightened up the leg and choked the wheels to keep it from moving until the correct pin get put in place, Good Catch!

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a couple showers and thunderstorms, High of 70. Night: Cloudy and mild with showers and thunderstorms around. Lo: 63

Crews are tidying up their respective work areas throughout the project site.

GENERAL COMMENTS:

Mardi Gras Parades are going on. Be careful. Might have to take different routes to and from work. Went over DSR with the Captain on the Derrick and SA.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 345			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Feb 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			60 °F / 72 °F		4		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 345
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 11 Feb 2018 - Sunday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed weather, Dredge update, maintenance issues, JSAs, Tasks for the day, SSHO briefed Incident rate, IIF Dash board, Safety Statistics snapshot. Training on DSR and getting reports out by the following day. Working on getting authorization for Captains & Chiefs. Use paper copy and emails/text for now. The Crews did stretch n flex exercises and Hacky Sack toss.

JSA DISCUSSIONS:

Wadmalaw: Housekeeping

BEHAVIORAL OBSERVATIONS:

Chief had Oiler check all Safety equipment: Emergency Lighting, Emergency Fuel shut-off, Carbon-monoxide/Smoke Detectors. Oiler found one Emergency Light not working in which he looked at and fixed on the spot.

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of rain and thunderstorms, possibly an isolated tornado. High of 72.

Night: Occasional rain and thunderstorms this evening, cloudy and mild. Lo: 58

Crews are tidying up/housekeeping in their respective work areas throughout the project site..

GENERAL COMMENTS:

Mardi Gras Parades are still going on. Be careful. Might have to take different routes. Watch out for drunk drivers, more traffic and personnel out walking around.

Went over DSR with the Chief on the Wadmalaw and Captain on the Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 346			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Feb 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			46 °F / 59 °F		9		15		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 346
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 12 Feb 2018 - Monday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Deck Captain and Crane operator discussed weather, Job plans, Bullgang/AB 113 are putting tanks in the Ball end at Horn Island. Safety discussed more on the DSR and how to use the App. once authorization gets approved. Safety Conducted Moxie Training on Working at Heights. Crane Operator vented that there is a bad rodent problem on the Derrick in the Supply Connex. Safety will get w/SM. The Crews did stretch n flex exercises and Hacky Sack toss.

JSA DISCUSSIONS:

Mobro 1706/AB113 Bullgang: Housekeeping; Blowing up pipe (subline), Moving Barges

Welding Yard: Hot work

BEHAVIORAL OBSERVATIONS:

Deck Captain ordered replace outlet for the Derrick Office. Outlet had a short in it and would make the AC unit go in and out if anyone would plug something in it. The Runner brought the new outlet and the Crane Operator changed the outlet out. All hazards were identified. Power was shut off and checked. Proper tools and PPE used. Installation went smoothly with no problems. This could of possibly lead to some arcing in the wall and possibly starting a fire. Good Catch! Will write up.

SITE CONDITIONS & HOUSEKEEPING:

Today: A passing shower or two this morning, drizzling on and off, cloudy and cooler. High of 55. Real feel of 50. Night: Cloudy and cooler. Lo: 52 with a real feel of 45.

Crews are tidying up "housekeeping" in their respective work areas throughout the project site.

GENERAL COMMENTS:

Went over Daily Safety Report "DSR" with the Captain on the Emma Kate.

Derrick: SSHO and Captain practiced on the cell app for P.S. to submit their report.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 347			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Feb 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			47 °F / 72 °F		6		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 347
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Feb 2018 - Tuesday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

D.B. Mackie/Ellis Island: Captain/Mate discussed with crew, weather, Dredge/Tug update, job tasks for both vessels, JSAs, DSR reporting, maintenance, Stores coming, Safety meeting/WTB at 1210

JSA DISCUSSIONS:

D.B. Mackie/Ellis Island: Painting; Crane Lifts; Housekeeping

Mobro 1706/Bullgang: Painting; Housekeeping

Welding Yard: Welding, Cutting, Burning; Welding pipe together

BEHAVIORAL OBSERVATIONS:

Captain conducted a weekly Safety Meeting with crew. Had everyone updating emergency contact list and numbers. Also covered plastic buckets for WTB. Safety precautions needed if your using these on the project site. Canvas buckets work better and can be draped over your shoulder freeing up your hands for safety. Many dangerous of using a plastic bucket. UV rays weaken plastic, bottom cracks and handles come off if over loaded. Canvas is a safer way to carry tools, supplies. Good class!

SITE CONDITIONS & HOUSEKEEPING:

Today: Clouds and sunshine. High of 72. Real feel of 76. Night: Mostly cloudy and mild. Lo: 62.

Crews are tidying up "housekeeping" in their respective work areas throughout the project site.

GENERAL COMMENTS:

DSR seems to be coming along. Most everyone is sending in their DSR reports to my email or cell and some to Gmail account. Great job everyone!

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 348					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Feb 2018 - Wednesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>						
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57				
	MIN	0	TIME	08:16	MAX	1	TIME	23:42				
				GAGE LOCATION		Air Force Tower						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Non Work Day			60 °F / 71 °F		8		15				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	00:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	24:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	24:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 348
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 14 Feb 2018 - Wednesday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed weather, foggy conditions, damp and raining conditions making decks wet, use caution, Brought up yesterday's All Stop due to weather, Heavy fog and choppy sea conditions. SSHO/Captain mentioned housekeeping and helping each other out. Try and put tools away and clean up area before you leave at the end of the day. SSHO read Incident Alert/OSHA Recordable; Runner slipping on wet dock. Crews did stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Housekeeping, Crane Lifts; Hot work; Moving Barges

Welding Yard: Welding, Cutting, Burning; Welding pipe together; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

Captain had to call an All Stop due to weather; Heavy fog and choppy seas set in yesterday while the AB 113/Bullgang was working and rolling a ring on sub-line out in the Gulf. Good Safety call.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy and humid, High of 70. Night: Mostly cloudy and warmer, fog late. Lo: 63.

Crews are tidying up "housekeeping" in their respective work areas throughout the project site.

GENERAL COMMENTS:

Great job to all the crews working hard and safely. Keep it up. Thanks to the Captains and Chief sending in their DSR daily.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 349				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Feb 2018 - Thursday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>							
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57			
	MIN	0	TIME	08:16	MAX	1	TIME	23:42			
GAGE LOCATION		Air Force Tower									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Non Work Day		64 °F / 75 °F		4		14				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:				00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:				00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	00:00	0.0	
		1		CONNECTING:				00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	00:00	0.0	
		0		DISCONNECTING:				00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	00:00	0.0	
		0		TOTALS:				00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		TOTALS:				00:00	00:00	0.0	
		0		NON-EFFECTIVE WORKING TIME:							
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
					MINOR OPERATING REPAIRS:				00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0
					LAY TIME:				00:00	00:00	0.0
					FIRE AND BOAT DRILLS:				00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:				00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:				00:00	00:00	0.0
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:				00:00	24:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	24:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 349
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Feb 2018 - Thursday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: crane lifts, welding/cutting/burning.

BEHAVIORAL OBSERVATIONS:

Observed the SPI contract welders utilizing safe work practices while performing welding operations. Also observed Operators being aware of their surroundings and using good communication while operating heavy equipment in the yard.

SITE CONDITIONS & HOUSEKEEPING:

Very foggy morning leading to sunny afternoon skies and daytime high temperatures reaching the low 70s. Mobro crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO attended the weekly project meeting. Also escorted an employee from Glass Doctor to the yard to work on the Mobro 1706 cab window. SSHO printed out and provided JSAs for the yard crew to perform their job tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 350
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Feb 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	516,692
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	66 °F / 74 °F	7	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 350
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Feb 2018 - Friday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Tug Mackie: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Tug Mackie: hot work, painting, housekeeping/sanitary, using portable hydraulic jacks, working aloft

BEHAVIORAL OBSERVATIONS:

Observed the crew utilizing safe work practices and wearing all required PPE while painting and performing general housekeeping throughout the Tug.

SITE CONDITIONS & HOUSEKEEPING:

Very foggy morning again leading to sunny afternoon skies and daytime high temperatures reaching the mid 70s. Tug Mackie crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO escorted two personnel from the Tug Mackie to the clinic in Gulfport for crane operator physicals. SSHO conducted a safety walk around and Predictive Solutions inspection on the Tug Mackie.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 351			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 Feb 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			64 °F / 74 °F		7		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 351
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 17 Feb 2018 - Saturday	

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day including hooking up the back to back. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Tug Mackie: hot work, painting, housekeeping/sanitary, using portable hydraulic jacks, working aloft

BEHAVIORAL OBSERVATIONS:

Observed a deckhand performing good housekeeping practices by washing off all the mud on the deck of the anchor barge prior to the crew starting their job task. Good work practice to prevent possible slip hazards. Observed the Operator using good communication and ensuring personnel maintained proper safety zone distances while operating heavy equipment.

SITE CONDITIONS & HOUSEKEEPING:

Very foggy morning again leading to sunny afternoon skies and daytime high temperatures reaching the upper 70s. Mobro 1706/Bullgang crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO worked with Site Admin to get them up to speed on DSR requirements. Provided SA with a JSA for the office, as well as ESF and Pre-Shift forms. Also provided JSA training and conducted an office JSA audit. SSHO conducted a safety walk around and Predictive Solutions inspection at the yard. Also conducted a JSA audit at the yard. Survey submitted a JSA audit as well.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 352			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Feb 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:49	MAX	1	TIME	22:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	08:16	MAX	1	TIME	23:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			62 °F / 71 °F		8		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 352
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Feb 2018 - Sunday

GENERAL COMMENTS

The dredge at dock and off-contract all day for gearbox repairs.

0 loads pumped on Ship Island today: 0 CY

57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day including making repairs to the compressor barge and sounding pipe. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: crane lifting, welding/cutting/burning(repair compressor barge), operating heavy equipment, moving barges, sounding pipe.

BEHAVIORAL OBSERVATIONS:

Observed the Welder utilizing safe work practices and wearing all required PPE while working on the compressor barge. The Welder inspected all tools prior to starting the job task as well. Observed the Deckhand sounding pipe. The Deckhand was used caution when performing transfers between the Mobro 1706, tug boat and the pontoon tank. Observed heavy equipment being operated in a safe manner. Crews had their JSAs and Hot Work permits filled out prior to starting their job tasks.

SITE CONDITIONS & HOUSEKEEPING:

Clear skies with afternoon high temperatures reaching the upper 70s. Observed a Deckhand sweeping the deck of the Mobro 1706 and performing general housekeeping. The Mobro 1706/Bullgang crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Mobro 1706. Also conducted a JSA audit. Deckhand performed weekly inspections on the AB 113, ACB8 and ACB9. Crane Operator performed weekly inspection on the Mobro 1706. SSHO updated NS5 with the past due inspections from the previous week and the inspections for this week as well. All project equipment inspections are now up to date.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 353			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Feb 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,692		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:57	MAX	0	TIME	00:26	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:54	MAX	0	TIME	13:34	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			66 °F / 78 °F		9		18		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	01:16	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:21	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			750		TOTALS:	00:00	01:37	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	22:23	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	22:23	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 353
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 19 Feb 2018 - Monday	

GENERAL COMMENTS

The dredge began the day at dock and off-contract for gearbox repairs. The dredge broke dock at 1000 and resumed digging operations in OCS West at 22:23.

0 loads pumped on Ship Island today: 0 CY
57 loads pumped on Ship Island to date: 516,692 CY

16 loads dug in OCS West Borrow Area to date: 163,175 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day including repairing the buoy and painting. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: crane lifting, welding/cutting/burning(repair crack in buoy), operating heavy equipment, painting

BEHAVIORAL OBSERVATIONS:

Observed the Welder using safe work practices and wearing all required PPE while working on a buoy. Observed the Deckhand painting the deck of the Mobro 1706. Observed heavy equipment being operated safely. The Welder had his Hot Work Permit and all crews had their JSAs filled out prior to starting their job tasks.

SITE CONDITIONS & HOUSEKEEPING:

Clear skies with afternoon high temperatures reaching the upper 70s. The Mobro 1706/Bullgang crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO conducted Slips/Trips/Falls Hazards Moxie training with 6 personnel on the Mobro 1706. Conducted Lock Out/Tag Out, HAZCOM and Drug & Alcohol training with two personnel from the Mobro 1706 as well. SSHO submitted the project Predictive Solutions access list to the DSHEM. Both Captains on the Mobro 1706 received access and the SSHO provided training. Mobro 1706 will now start submitting their own DSR.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 354	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Feb 2018 - Tuesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	8,780	525,472		
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>		
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	07:51	MAX	0	TIME	01:26
	MIN	0	TIME	21:38	MAX	0	TIME	13:40
GAGE LOCATION		Air Force Tower						
GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused Non-Critical Delay		65 °F / 75 °F		9		18	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30					
AFT		9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	03:12	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:41	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	06:58	0.0
		FT/MIN		CONNECTING:		00:00	00:45	0.0
		1		DUMPING:		00:00	02:17	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:42	0.0
		FT/MIN		TO CUT:		00:00	03:20	0.0
		0		TOTALS:		00:00	17:55	0.0
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:				
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
		750		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	03:56	0.0
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
		250		MINOR OPERATING REPAIRS:		00:00	01:43	0.0
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00
1	8,780	Ship Island	0		MISCELLANEOUS:		00:00	00:26
ATTENDANT PLANT				TOTALS:		00:00	06:05	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS		LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00
					CESSATION:		00:00	00:00
					COLLISIONS:		00:00	00:00
					TOTALS:		00:00	00:00
					TOTAL TIME/MILES:		00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 354
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Feb 2018 - Tuesday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

1 load pumped on Ship Island today: 8,780 CY

58 loads pumped on Ship Island to date: 525,472 CY

17 loads dug in OCS West Borrow Area to date: 171,955 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Six Delays Today:

236min - Pumpout Delayed due to rough weather

77min - Troubleshoot main engine clutch and power generator

21min - Paint Test

15min - Trunnion hoist

11min - STBD dragarm sensor reset

5min - Personnel transfer

SAFETY

PRE-SHIFT MEETING:

Tug Mackie/Ellis: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day.

JSA DISCUSSIONS:

Tug Mackie/Ellis: housekeeping/sanitary, Hot Work welding/cutting/grinding, connecting/disconnecting to the cube

BEHAVIORAL OBSERVATIONS:

Observed the crew boat and Mobro crew working safely while loading stores at the yard. Also observed the stores being offloaded on the Tug Mackie. Good communication between the crane Operator and crews at both sites. Observed the Welder on the Mobro using safe work practices and wearing all required PPE while working on a buoy. Observed all crews performing safe vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Windy conditions and very choppy seas with afternoon high temperatures reaching the upper 70s. The Tug Mackie/Ellis crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the Emma Kate. Three issues were discussed with the Captain and added to the PS database. SSHO worked on Predictive Solutions access with the Tug Mackie Captain and the Wadmalaw Chief. The Mackie Captain and Booster are now on line and submitting their own DSRs in PS.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 355			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Feb 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,124	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 545,596			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	23:37	MAX	0	TIME	14:08	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:19	MAX	1	TIME	14:46	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 77 °F		2		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	04:05	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	02:05	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	05:43	0.0		
			1		CONNECTING:	00:00	00:10	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	05:05	0.0		
			0		DISCONNECTING:	00:00	00:39	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:57	0.0		
			500		TOTALS:	00:00	23:44	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
2	20,124	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:16	0.0	
ATTENDANT PLANT					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:16	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 355
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 21 Feb 2018 - Wednesday	

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

2 loads pumped on Ship Island today: 20,124 CY
60 loads pumped on Ship Island to date: 545,596 CY

19 loads dug in OCS West Borrow Area to date: 192,079 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

10min - Automation malfunction caused lockout
6miin - Recenter tug in notch

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: The Captain questioned the crew about safety concerns from the previous day and discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:

Mobro 1706: welding/cutting/grinding, crane lifting, moving pipe, greasing the crane, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Observed the Mobro crew utilizing safe work practices and wearing all required PPE while moving pipe. Good communication between the tug boat Captain and the crew during the job task. Mobro crews filled out their JSAs prior to starting their job tasks. SSHO witnessed one JSA brief and conducted a JSA audit. Observed personnel performing safe vessel transfers onto the crew boats.

SITE CONDITIONS & HOUSEKEEPING:

Foggy morning with afternoon record high temperatures reaching the low 80s. The Mobro 1706 crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO worked on Predictive Solutions access with the Captains on the Lady Joyelle, Emma Kate and Brooke Elizabeth. Lady Joyelle Captain now has access and is uploading his vessel DSR in PS. SSHO working with other two vessels which are having issues. SSHO conducted a safety walk around with the Captain on the Mobro 1706. Also assisted the Captain with conducting his own PS inspection on the Mobro. SSHO worked with Emma Kate Captain to close out 3 PS open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 356			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Feb 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 21,646	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 567,242			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	01:19	MAX	1	TIME	14:46	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	02:54	MAX	1	TIME	15:31	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 77 °F		2		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:20	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:49	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:24	0.0	
			1		CONNECTING:		00:00	00:23	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:15	0.0	
			0		DISCONNECTING:		00:00	00:26	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:49	0.0	
			500		TOTALS:		00:00	21:26	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	21,646	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	01:34	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	01:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:34	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 356
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 22 Feb 2018 - Thursday	

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

2 loads pumped on Ship Island today: 21,646 CY
62 loads pumped on Ship Island to date: 567,242 CY

21 loads dug in OCS West Borrow Area to date: 213,725 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

60min - Tug assist needed due to hose position
94min - Troubleshoot barge power failure

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Pre-shift/Safety discussions included weather, PPE, Daily duties, JSAs. Safety Topic was OSHA; Focus Four - Struck by Hazards.

Bull-Gang: Cpt. discussed weather, Job plans, JSAs, Safety issues or concerns, Looking out for one another, Working safely and cleaning up after job/work is complete.
Crews participated in Stretch and Flex Exercises.

JSA DISCUSSIONS:

Wadmalaw: Painting, Housekeeping

Mobro 1706/Bullgang: Hot work; Housekeeping; Moving Barges, Crane Lifts,

BEHAVIORAL OBSERVATIONS:

Observed the Mobro crew utilizing safe work practices and wearing all required PPE while moving pipe. Good communication between the tug boat Captain and the crew during the job task. Mobro crews filled out their JSAs prior to starting their job tasks. SSHO witnessed one JSA brief and conducted a JSA audit. Observed personnel performing safe vessel transfers onto the crew boats.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hi of 78, Real feel 81, warm with the temperature approaching the record of 79 set in 2001. Clouds and sun. Lo of 67, Partly cloudy and warm, areas of fog late.

Crews are doing a good job maintaining housekeeping in their respective work areas throughout the project.

GENERAL COMMENTS:

SSHOs Led a Safety Conference Call in this morning along with a Weekly Operations Meeting with management.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 357	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 23 Feb 2018 - Friday			
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		OCS West Borrow Area	OCS West Borrow Area		Ship Island		11,034	578,276					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER		1925					
		DENSITY OF WATER				1025		GMS/LITER@		37 °F			
RIVER/TIDE STAGE		MIN	0	TIME	01:19	MAX	1	TIME	15:31	GAGE LOCATION Air Force Tower			
		MIN	0	TIME	02:54	MAX	1	TIME	16:26	GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		68 °F / 77 °F		7		21					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				9		30							
AFT				9		30		EFFECTIVE WORKING TIME:					
								PUMPING:		00:00		01:38	0.0
								TURNING:		00:00		00:10	0.0
								TO DUMP:		00:00		04:53	0.0
								CONNECTING:		00:00		00:51	0.0
								DUMPING:		00:00		03:17	0.0
								DISCONNECTING:		00:00		03:27	0.0
								TO CUT:		00:00		05:01	0.0
								TOTALS:		00:00		19:17	0.0
								NON-EFFECTIVE WORKING TIME:					
								TAKING ON FUEL AND SUPPLIES:		00:00		00:00	0.0
								TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00	0.0
								MINOR OPERATING REPAIRS:		00:00		02:14	0.0
								TRANSFERRING BETWEEN WORKS:		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
								FIRE AND BOAT DRILLS:		00:00		00:00	0.0
								MISCELLANEOUS:		00:00		02:29	0.0
								TOTALS:		00:00		04:43	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 357
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 23 Feb 2018 - Friday	

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

1 load pumped on Ship Island today: 11,034 CY
63 loads pumped on Ship Island to date: 578,276 CY

22 loads dug in OCS West Borrow Area to date: 224,759 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

149min - Booster repairing burst hose
77min - Troubleshooting valves clogged preventing discharge
57min - Cleaning collection lines

SAFETY

PRE-SHIFT MEETING:

D.B. Mackie/Ellis; Captain and crew discusses weather conditions, safety concerns or issues Tasks for the day, Discovery Channel crew and USACE coming out with Safety this morning, Mobro/Bullgang; Captain discussed Look ahead Wadmalaw, Buster, Anchors and Risers hoses. Move and relocate. Loading Equipment on Ramp barge, Cutting broken pipe, Remove wear scoops from elbows/replace, Asst. Jack Newman/Drag barge to take off. Housekeeping on Crane & AB 113 (decks). Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Dredge/Mackie: Using the Incinerator; Inspecting Discharge box; Housekeeping; Inspecting Dragheads; Personnel Transfer; Connecting/Disconnecting the Cube

Mobro/Bullgang: Moving Anchors/Riser; Cutting, Burning & Welding; Hot-work; Remove Elbows & Replace; Loading Equipment; Moving Barges.

Fill site: Fueling Equipment; Working Light Plant; Building and Maintaining Dikes; Adding/Breaking Shorepipe

BEHAVIORAL OBSERVATIONS:

Captain on the Mobro 1706 conducted a Safety brief to his crew that were helping out the Fill site delivering their Heavy equipment out to the Island. Talked about Red Zones, Designated parking areas, Landing Equipment; Making sure back- up alarms work. (Don't walk around the blind spots of the Operator in the machine). Red Zones; 50' side to side, 100' front and back. Radio to operator that your in his work area. Keeping good communication between each other.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hi of 77, Sun breaking away to clouds. Lo of 70, Partly cloudy and warm, areas of fog late.

Crews are maintaining housekeeping throughout the project site. Fill Site, Dredge/Mackie and Emma Kate crew-boat all looked really good.

GENERAL COMMENTS:

SSHO and SM met Discovery Channel crew and USACE at the Point Cadet Marina to head out to the Dredge and Fill site to do a documentary on the Mackie/Ellis Dredging operation. Crews were received a Safety brief from the Captain of the Crew boat and Safety and were escorted everywhere

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 358					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 24 Feb 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West Borrow Area		OCS West Borrow Area		Ship Island	22,670	600,946				
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>						
	DENSITY OF WATER				GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	02:54	MAX	1	TIME	16:26	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	04:11	MAX	1	TIME	17:35	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		70 °F / 79 °F		8		14				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:21	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	01:01	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:		00:00	06:02	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:		00:00	00:36	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	2,230	DUMPING:		00:00	03:18	0.0		
GALLONS OF WATER CONSUMED			GAL	250	DISCONNECTING:		00:00	00:15	0.0		
WORK PERFORMED					TO CUT:		00:00	03:59	0.0		
DREDGING AND HAULING		AGITATING			TOTALS:		00:00	18:32	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:						
2	22,670	Ship Island	0		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	05:28	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS:		00:00	00:00	0.0		
					TOTALS:		00:00	05:28	0.0		
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 358
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Feb 2018 - Saturday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

2 loads pumped on Ship Island today: 22,670 CY
65 loads pumped on Ship Island to date: 600,946 CY

24 loads dug in OCS West Borrow Area to date: 247,429 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

One Delay Today:

328min - Bow pumpout winch failed

SAFETY

PRE-SHIFT MEETING:

D.B. Mackie/Ellis; Captain and crew discusses weather and sea conditions, safety issues or concerns. Job tasks, JSAs needed. working safely, fatigue management, looking out for one another. Mobro 1706/Bullgang; Captain discussed job tasks for the day including loading equipment on the ramp barge and installing rubber hoses. Also discussed Incident Alert involving the the Welder who was burned by hot slag. Stretch and flex conducted.

JSA DISCUSSIONS:

Dredge/Mackie: Welding-Cutting-Grinding; Personnel Transfer; Inspecting - Cleaning Drag Heads; Connecting/Disconnecting the Cube; Using the Incinerator; Housekeeping/Sanitary

Mobro 1706/Bullgang: welding/cutting/burning, crane lifting

BEHAVIORAL OBSERVATIONS:

Observed welders utilizing safe work practices while welding elbows. Hot work permit and JSA were filled out prior to starting the job task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hi of 79, Real feel of 82, Clouds and sun with a shower in spots, The temperature near the record of 80 degrees set in 1996. Night: Lo of 71, Very warm an evening shower followed by occasional rain and thunderstorm late.

Crews are maintaining housekeeping throughout the project site.

GENERAL COMMENTS:

Bow Pickup Winch failed this afternoon. Hopefully be back up in couple of hours.
Oiler off the Dredge/Mackie had some pains in his lower abdominal area. Notified Captain and called Axiom. Nurse advised him to go to Clinic/Hospital to get checked out. SSHO took employee to the Hospital. Released and is on restrictions to Monday for follow up w/surgeon. SSHO conducted Slips/Trips/Falls training with 2 crew members on the Mobro 1706. Inspected AB 113.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 359	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 25 Feb 2018 - Sunday			
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			17	2		2	7						
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		OCS West Borrow Area		OCS West Borrow Area		Ship Island		22,383	623,329				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1925</u>							
		DENSITY OF WATER				1025	GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE		MIN	0	TIME	05:04	MAX	1	TIME	19:01	GAGE LOCATION Air Force Tower			
		MIN	0	TIME	05:47	MAX	1	TIME	20:27	GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			60 °F / 73 °F	9	17						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		9	30										
AFT		9	30	EFFECTIVE WORKING TIME:									
				PUMPING:		00:00	03:50	0.0					
				TURNING:		00:00	00:44	0.0					
				TO DUMP:		00:00	03:49	0.0					
				CONNECTING:		00:00	00:38	0.0					
				DUMPING:		00:00	05:23	0.0					
				DISCONNECTING:		00:00	00:41	0.0					
				TO CUT:		00:00	06:31	0.0					
				TOTALS:		00:00	21:36	0.0					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>						NON-EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>12/08/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL		1,480	LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL		400	MINOR OPERATING REPAIRS:		00:00	01:46	0.0		
WORK PERFORMED						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
2	22,383	Ship Island		0	MISCELLANEOUS:		00:00	00:38	0.0				
ATTENDANT PLANT						TOTALS:		00:00	02:24	0.0			
ITEM	NAME OR NUMBER			H.P.	HOURS	LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
						CESSATION:		00:00	00:00	0.0			
						COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 359
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Feb 2018 - Sunday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

2 loads pumped on Ship Island today: 22,383 CY
67 loads pumped on Ship Island to date: 623,329 CY

26 loads dug in OCS West Borrow Area to date: 269,812 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Four Delays Today:

- 102min - STBD shaft generator and M/E E-Stop tripped
- 30min - Pump speed offset test to reduce vibration
- 8min - Crew boat transfer
- 4min - Mechanical issue with generator C32 on dredge

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed weather, issues or concerns from yesterday. Job tasks, JSAs needed, Maintenance, Housekeeping and some Painting to do around the Booster. Weekly Tool Box "WTB" will discuss at noon will be Complacency-The unseen Hazards. Complete our Safety Inspecting on Equipment this morning. Crews participated in Stretch and Flex Exercises and hacky sack toss.

JSA DISCUSSIONS:

Wadmalaw: Painting; Housekeeping

BEHAVIORAL OBSERVATIONS:

Chief discussed with crew for WTB - "Complacency" The unseen Hazard. Chief also conducted with crew Safety checks/inspections on Life Rings/Strobes, Life Rafts, Emergency Lighting, Smoke Alarms, Fuel Shut Off Valves, Sea Chest Valves, Fire Extinguishers, First Aid kit, and the AED.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hi of 78, Mostly cloudy with showers and t-storms around. Night: Lo of 68, Warm, an evening shower or thunderstorms around followed by rain and thunderstorms late.

Crews are maintaining housekeeping throughout the project site.

GENERAL COMMENTS:

No change on Oiler's conditions as of today. Not any worse, Not any better. Axiom will be setting up his appointment tomorrow to be seen by a Surgeon to see if surgery is needed. Oiler at this time has limitations for lifting, push/pull nothing over 10lbs and No climbing.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 360			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Feb 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 22,389	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 645,718			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:04	MAX	1	TIME	19:01	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:47	MAX	1	TIME	20:27	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			60 °F / 77 °F		8		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	02:58	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:13	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	08:29	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		CONNECTING:	00:00	00:25	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		DUMPING:	00:00	05:28	0.0		
GALLONS OF WATER CONSUMED			GAL		DISCONNECTING:	00:00	00:52	0.0		
					TO CUT:	00:00	05:35	0.0		
WORK PERFORMED					TOTALS:	00:00	24:00	0.0		
DREDGING AND HAULING				AGITATING		NON-EFFECTIVE WORKING TIME:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
2	22,389	Ship Island		0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 360
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Feb 2018 - Monday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1.

2 loads pumped on Ship Island today: 22,389 CY
69 loads pumped on Ship Island to date: 645,718 CY

28 loads dug in OCS West Borrow Area to date: 292,201 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Aboard Dredge, no previous day safety concerns. Today continue with dredging, weather to clear up and continue with warm weather in the area. Continue with good JSA talks and keeping all safe. Review of Gidd Safety Alerts and Good Catches. Crew performed Stretch and Flex.

JSA DISCUSSIONS:

Dredge/Mackie: Welding-Cutting-Grinding; Personnel Transfer; Inspecting - Cleaning Drag Heads; Connecting/Disconnecting the Cube; Using the Incinerator; Housekeeping/Sanitary

Mobro 1706/Bullgang: welding/cutting/burning, crane lifting

BEHAVIORAL OBSERVATIONS:

Observed the loading of stores from the Crew Boat to Tug Doug Mackie. Observed good communications with Deck Hand on Crew Boat and Tug crew. Items handed over with no issues to report. Task completed without incident.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hi of 72, Mostly cloudy sky's clearing later. Night: Lo 60's clear sky's.

Crews are maintaining housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 361			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Feb 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 15,362	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 661,080			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:47	MAX	1	TIME	20:27	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	06:21	MAX	1	TIME	21:38	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			60 °F / 73 °F		10		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	01:22	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:09	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	02:57	0.0	
			1	CONNECTING:		00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	03:24	0.0	
			0	DISCONNECTING:		00:00	00:29	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:36	0.0	
			1,933	TOTALS:		00:00	14:27	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	15,362	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	09:21	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:12	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	09:33	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 361
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Feb 2018 - Tuesday

GENERAL COMMENTS

The dredge continued digging in OCS West Borrow Area and pumping out onto Ship Island on subline #1. At 1430, the booster discharge sink hose failed during the pumpout of the last load of the day. The dredge went down for the rest of the day.

2 loads pumped on Ship Island today: 15,362 CY
71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

561min - Booster sink hose on discharge side blown
12min - Tighten bolts on DP expansion joint

SAFETY

PRE-SHIFT MEETING:

Aboard Dredge, no previous day safety concerns. Today continue with dredging, weather to clear up and continue with warm weather in the area. Continue with good JSA talks and keeping all safe. Review of Gidd Safety Alerts and Good Catches. Crew preformed Stretch and Flex.

JSA DISCUSSIONS:

Dredge/Mackie: Welding-Cutting-Grinding; Personnel Transfer; Inspecting - Cleaning Drag Heads; Connecting/Disconnecting the Cube; Using the Incinerator; Housekeeping/Sanitary

Mobro 1706/Bullgang: welding/cutting/burning, crane lifting

BEHAVIORAL OBSERVATIONS:

Observed the loading of stores from the Crew Boat to Tug Doug Mackie. Observed good communications with Deck Hand on Crew Boat and Tug crew. Items handed over with no issues to report. Task completed without incident.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hi of 72, Mostly cloudy sky's clearing later. Night: Lo 60's clear sky's.

Crews are maintaining housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 362		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Feb 2018 - Wednesday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 661,080	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>			
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	06:21	MAX	1	TIME	21:38	
	MIN	0	TIME	06:48	MAX	1	TIME	22:42	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Non Work Day			70 °F / 78 °F		10		16	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	00:00	0.0	
		FT/MIN		CONNECTING:		00:00	00:00	0.0	
		1	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:00	0.0	
		FT/MIN		TO CUT:		00:00	00:00	0.0	
		0	TOTALS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:					
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
		0	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0
					MISCELLANEOUS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	24:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 362
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 28 Feb 2018 - Wednesday	

GENERAL COMMENTS

The dredge off-contract all day due to repairs to the boost hose. The bullgang was unable to go out during the morning hours due to rough seas. Later in the day, the crew was able to remove the blown hose and brought it to shore. The new hose will arrive tomorrow morning.

0 loads pumped on Ship Island today: 0 CY
71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman questioned the crew about any safety concerns from the previous day. Also discussed the job tasks for the day including breaking pipe. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Fill Site: breaking pipe, operating heavy equipment, fueling equipment.

BEHAVIORAL OBSERVATIONS:

Observed the crew boat deckhand assisting crews in performing safe vessel transfers. Crews handed over all items and utilized 3 points of contact.

SITE CONDITIONS & HOUSEKEEPING:

Warm weather again today with daytime high temperatures in the low 80s. The crew boats Emma Kate, Brooke Elizabeth and Ohio River are doing a good job of maintaining their vessels in a neat and orderly fashion. The Ohio River had stores for a tug boat that were neatly placed on the deck of the vessel and ensured a clear walking path for crews that were boarding.

GENERAL COMMENTS:

SSHO trained the Ohio River and Brooke Elizabeth Captains on the Daily Safety Report. Both Captains are now conducting their own DSR inspections for their respective vessels. SSHO conducted a PS inspection on the Ohio River as well. A few issues were added to the PS database and the SSHO ordered supplies to fix the issues. Also ordered safety supplies for the office. SSHO worked with the Fill Foreman to correct Fill Site open issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 363			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Mar 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 661,080			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	06:21	MAX	1	TIME	21:38	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	06:48	MAX	1	TIME	22:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			61 °F / 80 °F		10		18		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 363
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Mar 2018 - Thursday

GENERAL COMMENTS

The dredge off-contract all day due to repairs to the booster hose. The new hose arrived onsite in the morning but seas were too rough to go offshore.

0 loads pumped on Ship Island today: 0 CY
71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Captain and Crew discussed weather, Job tasks for the day, JSAs needed, safety issues or concerns from yesterday, Housekeeping around the Derrick, AB 113 today after meeting and stretch and flex exercises.
Fill Site Crew discussed job tasks, safety concerns and JSAs needed. assemble the new light weight Wye Valves. Crews conducted stretch and flex exercises and hacky sack toss.

JSA DISCUSSIONS:

Mobro 1706/AB113: Moving Barges; Housekeeping; Remove sink hose; replace half and half with new sink hose attached to the ball to the sink hose.

Yard: Housekeeping; Moving Equipment; Assembling new light weight Wye Valves; Fueling

BEHAVIORAL OBSERVATIONS:

Crews working Hard and Safe. Crews conducting stretch and flex exercises daily.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 71 Pleasant with lots of sun. Night: some clouds. Lo: 51.

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

Captains are getting better with submitting their DSR. Still working with the Ohio River and Tug Captains on submitting daily.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 364			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Mar 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 661,080			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	06:21	MAX	1	TIME	21:38	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	06:48	MAX	1	TIME	22:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			44 °F / 72 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 364
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Mar 2018 - Friday

GENERAL COMMENTS

The dredge off-contract all day due to repairs to the booster hose. During the morning hours, the weather was too rough for the bullgang to head out and install the new hose. Later in the day, the weather calmed down enough for the crew to go out and install the new hose

0 loads pumped on Ship Island today: 0 CY
71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Captain discussed weather and safety concerns from day prior. Praise crew for doing a good job. Discussed scope of work for the day. Dredge and Booster updates. JSAs needed. Install replacement hose at the Wadmalaw Booster. Grease the Cube and the male ends of the pick up Probe. Keep an eye on each other, Don't get complacent. Where all required PPE. Pick up after yourselves when done with your task. Remove Trip and Fall Hazards on Deck. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706/AB113: Moving Barges; Greasing Equipment; Housekeeping; Picking up the Probe; Replace Hose on Booster.

Yard: Housekeeping; Moving Equipment; Hot work

BEHAVIORAL OBSERVATIONS:

Bullgang working safely, keeping eyes on each other while in tow. Watch for danger zones and snap back areas.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 73 Partly sunny with clouds. Night: Clear. Lo: 52

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

Ohio River lost a wheel. Back up and running again now.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 365			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Mar 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 661,080			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	06:21	MAX	1	TIME	21:38	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	06:48	MAX	1	TIME	22:42	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			44 °F / 72 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1	CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			0	TOTALS:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 365
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 03 Mar 2018 - Saturday	

GENERAL COMMENTS

The dredge off-contract all day due to repairs to the booster hose. Dredge will return to the jobsite tomorrow and resume operations.

0 loads pumped on Ship Island today: 0 CY

71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706 - AB 113 Captain and Crew discussed weather, dredge & booster up dates. Safety issues or concerns, Job tasks and scope of work, help the Booster and Fill Site today; deliver AC unit, greasing probe once it's freed, deliver Wye Valves, swap out Porta-Johns. Fill Site crew/Yard; housekeeping around the welding yard, help out Bull-gang load up. JSAs needed. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706/AB113: Moving Barges; Greasing Equipment; Housekkeeping

Yard: Housekeeping; Moving Equipment

BEHAVIORAL OBSERVATIONS:

Emma Kate: Observed the crew ensuring safe vessel transfers by assisting all personnel with their gear and making sure they maintained 3 points of contact. Observed the crew utilizing safe work practices and wearing all required PPE while securing the boat to the dock. Also observed the crew performing housekeeping on the crew boat.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 76 Pleasant with lots of sun. Real feel of 79. Night: Clear and cooler. Lo: 46 with a real feel of 44.

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

SSHO, SE and SA conducted Safety inspection of the office and conducted a WTB Safety talks on Drugs and Alcohol Policy of GLDD.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 366		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Mar 2018 - Sunday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 661,080		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>					
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	07:15	MAX	0	TIME	01:23	
	MIN	0	TIME	19:20	MAX	0	TIME	13:43	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		45 °F / 68 °F		10		10		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	01:25	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:08	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:		00:00	00:00	0.0	
		1		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:		00:00	00:00	0.0	
		0		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:		00:00	00:00	0.0	
		252		TOTALS:		00:00	01:33	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:					
		400		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
					MINOR OPERATING REPAIRS:		00:00	05:17	0.0
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
					LAY TIME:		00:00	00:00	0.0
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:		00:00	05:17	0.0
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	17:10	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	17:10	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 366
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 04 Mar 2018 - Sunday	

GENERAL COMMENTS

The dredge began the day off-contract all day due to repairs to the booster hose. At 1710, the dredge returned to OCS West and resumed operations. At 1842, the Ellis lost power due to the multi-drive malfunctioning. The dredge anchored in the borrow area for the remainder of the day. No loads completed.

0 loads pumped on Ship Island today: 0 CY
71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

One Delay Today:

317min - Multi-drive malfunction

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Captain discussed weather conditions, safety concerns or issues, scope of work; working on subline, moving barges, and prepare pipe for tow. Will conduct WTB later today, Captain praised crew for working hard and safely yesterday. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706; Change Boom wire; Move Barges; Bolt Hose Flanges; Housekeeping on GL AB113

BEHAVIORAL OBSERVATIONS:

Captain of the Mobro 1706 conducted his Safety/Pre-shift meeting this morning. Captain made sure Tug Captain's were present to inform them of what will need to happen today as well as conducting our stretch and flex exercises. Captain had crew conduct a good Housekeeping on the AB 113 from yesterday's tasks. Good job!

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 73 Partly sunny and pleasant. Night: Partly cloudy and mild. Lo: 60 with a real feel of 44.

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

SSHO conducted an initial inspection on the Capt Buddy G tug boat and went over our policies and procedures with Captain and Deckhand.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008					CONTRACT TITLE MsCIP Ship Island Phase I					CONTRACTOR Great Lakes Dredge & Dock Company, LLC					REPORT NO. 367										
CHARACTER OF REPORT					<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Mar 2018 - Monday															
DREDGE (Ellis Island)					HOPPER CAP: <u>14,778</u> CY					AVG VOL OF BIN WATER: <u>10,950</u> CY					AVG UNFILLED CAP: <u>3,828</u> CY										
					NO. OF CREW MEMBERS			DREDGE			OTHER PLANT			WORK SCHEDULE			SHIFTS PER DAY			DAYS PER WEEK					
LOCATION OF WORK					LOCATION CHANNEL			REACH DREDGED; STA TO STA			DISPOSAL AREA USE			QTY DEPOSITED GROSS(CY)			CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
					OCS West Borrow Area			OCS West Borrow Area			Ship Island			0			661,080								
CHARACTER OF MATERIAL					DENSITY OF MATERIALS					_____					GMS/LITER <u>1925</u>										
					DENSITY OF WATER					_____					1025					GMS/LITER@ <u>37 °F</u>					
RIVER/TIDE STAGE					MIN		0		TIME		07:15		MAX		0		TIME		01:23		GAGE LOCATION Air Force Tower				
					MIN		0		TIME		19:20		MAX		0		TIME		13:43		GAGE DATUM NAVD88				
WEATHER CONDITION					WEATHER					TEMP (min / max)					VISIBILITY					WIND					
					Weather Caused No Delay					57 °F / 73 °F					10					14					
DRAFT										DISTRIBUTION OF TIME AND MILES RUN															
FORWARD		LIGHT			LOADED							AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)									
					9					30															
AFT					9					30															
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>										EFFECTIVE WORKING TIME:															
INDICATORS LAST CHECKED ON <u>12/08/2017</u>										PUMPING:															
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN					1		00:00		00:00		0.0									
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN					0		00:00		00:00		0.0									
GALLONS OF FUEL OIL CONSUMED					GAL					132		00:00		00:00		0.0									
GALLONS OF WATER CONSUMED					GAL					400		00:00		00:00		0.0									
WORK PERFORMED										NON-EFFECTIVE WORKING TIME:															
DREDGING AND HAULING					AGITATING					TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0									
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA			TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0									
										LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0									
										LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0									
										MINOR OPERATING REPAIRS:		00:00		24:00		0.0									
										TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0									
										LAY TIME:		00:00		00:00		0.0									
										FIRE AND BOAT DRILLS:		00:00		00:00		0.0									
										MISCELLANEOUS:		00:00		00:00		0.0									
										TOTALS:		00:00		24:00		0.0									
ATTENDANT PLANT										LOST TIME:															
ITEM		NAME OR NUMBER			H.P.		HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0									
										CESSATION:		00:00		00:00		0.0									
										COLLISIONS:		00:00		00:00		0.0									
										TOTALS:		00:00		00:00		0.0									
										TOTAL TIME/MILES:		00:00		24:00		0.0									

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 367
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Mar 2018 - Monday

GENERAL COMMENTS

The dredge at anchor all day for repairs to the multi-drive.

0 loads pumped on Ship Island today: 0 CY

71 loads pumped on Ship Island to date: 661,080 CY

30 loads dug in OCS West Borrow Area to date: 307,563 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

D.B Mackie/Ellis Island; Captain and crew discussed weather, safety issues and concerns. Some issues with the Multi-drive on the Ellis. Chief working issues, Discussed scope of work for today, JSAs needed, Don't get complacent, work safely and keep an eye on each other. Safety Meeting at 1215 today. Mobro 1706; Captain discussed weather conditions, safety concerns, Job tasks for the day. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Dredge/Mackie: Deck Wash - Down; Using the Incinerator; Inspecting Discharge Boxes; Anchoring Operations; Hot Work -Welding, Cutting, Grinding; Personnel Transfer

Mobro 1706; Move Barges; Housekeeping; Hot work;

BEHAVIORAL OBSERVATIONS:

Good job with Crane Operator finding multiple broken wires on the Derrick Crane Pick-up line. Captain had crew change it out before continuing with Lifting operations.

Captain off the Mackie held a Safety Meeting with the crew on using the right tool for the job. Captain gave good examples on what he meant by using the right tool for the job. Good participation and feedback from everyone. Good Job! Captain/Mate conducted Fire and Boat drills this afternoon. Good practice and hands on training for the crews.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 74, Thickening cloud cover and partly sunny. Night: Considerable clouds and mild, a late night shower or thunderstorm. Lo: 64

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

SSHO conducted P.S. walk around inspection this morning at the Welding Yard and Mobro 1706 before going out to the Dredge. Chief is busy working on fixing the problem to get the Dredge back up.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 368	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06 Mar 2018 - Tuesday			
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		OCS West Borrow Area		OCS West Borrow Area		Ship Island		9,302		670,382			
		AVG LENGTH OF CUT <u>1,700</u> FT				AVG WIDTH OF CUT <u>1,800</u> FT				AVG DIST TO DUMP <u>37</u> NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS								GMS/LITER <u>1925</u>			
		DENSITY OF WATER				1025				GMS/LITER@ <u>37</u> °F			
RIVER/TIDE STAGE		MIN 0		TIME 22:03		MAX 1		TIME 12:58		GAGE LOCATION Air Force Tower			
		MIN 0		TIME 23:46		MAX 1		TIME 13:31		GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP (min / max) 50 °F / 70 °F		VISIBILITY 6		WIND 22			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				9		30							
AFT				9		30							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>						EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>12/08/2017</u>						PUMPING: 00:00 01:48 0.0							
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TURNING: 00:00 00:22 0.0					
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP: 00:00 02:35 0.0					
GALLONS OF FUEL OIL CONSUMED				GAL		750		CONNECTING: 00:00 00:34 0.0					
GALLONS OF WATER CONSUMED				GAL		400		DUMPING: 00:00 02:35 0.0					
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0							
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0					
1		9,302		Ship Island		0		LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0					
						LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0							
						MINOR OPERATING REPAIRS: 00:00 13:21 0.0							
						TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0							
						LAY TIME: 00:00 00:00 0.0							
						FIRE AND BOAT DRILLS: 00:00 00:00 0.0							
						MISCELLANEOUS: 00:00 00:00 0.0							
						TOTALS: 00:00 13:21 0.0							
						LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0							
						CESSATION: 00:00 00:00 0.0							
						COLLISIONS: 00:00 00:00 0.0							
						TOTALS: 00:00 00:00 0.0							
						TOTAL TIME/MILES: 00:00 24:00 0.0							

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 368
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Mar 2018 - Tuesday

GENERAL COMMENTS

The dredge began the day at anchor for repairs to the multi-drive. At noon the dredge resumed operations; pumping out on subline #1 and digging in OCS West.

1 load pumped on Ship Island today: 9,302 CY
72 loads pumped on Ship Island to date: 670,382 CY

31 loads dug in OCS West Borrow Area to date: 316,865 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

720min - Multi-drive repairs
81min - Troubleshoot STBD main engine sensor malfunction

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain and crew discussed weather, rainy and wet and slippery decks, be careful, safety issues or concerns, Life Ring on AB 113 needs to be looked at. Shouldn't have lights on both Life rings. Hand rails not being used for hanging supplies or equipment. Will have Welder build something for this, Assemble Cube and connect hoses and Housekeeping, SSHO mentioned stretching before, during and after or when needed to avoid sprains and strains. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706; Tightening Bolt Flanges; Welding, Cutting & Burning; Move Barges; Housekeeping; Hot work; Welding, Cutting & Burning; Using Land Equipment; Crane Lifting:Load up Stores on Ohio River; Bolt Flanges;

BEHAVIORAL OBSERVATIONS:

Captain held Safety Meeting and had crew take precaution while working in the rain to load up Stores on the Ohio River along with watching out for lightning strikes. Be careful of wet and slippery decks. Take smaller steps, don't be in a rush and be aware of your surrounding. Stay clear of the Crane's swing radius when transferring loads from the yard to the boat.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 65, Cooler, cloudy this morning then times of clouds and sun this afternoon. Night: Partly cloudy and cooler. Lo: 45, Real feel of 38.

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

SSHO working with Captain on how to attach pictures to the Good Catches/Near Misses and how to submit them.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 369			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Mar 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 11,283	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 681,665			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	23:46	MAX	1	TIME	13:31	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:39	MAX	1	TIME	14:09	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			54 °F / 62 °F		10		16		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	01:16	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:09	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	05:24	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:32	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	02:43	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	00:30	0.0		
					TO CUT:	00:00	02:10	0.0		
WORK PERFORMED					TOTALS:	00:00	12:44	0.0		
					NON-EFFECTIVE WORKING TIME:					
					TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	02:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	09:16	0.0		
					TOTALS:	00:00	11:16	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 369
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 07 Mar 2018 - Wednesday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1. The dredge was down from 0255 to 1355 because the pickup line at the pumpout broke.

1 load pumped on Ship Island today: 11,283 CY
73 loads pumped on Ship Island to date: 681,665 CY

32 loads dug in OCS West Borrow Area to date: 328,148 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

408min - Pickup line broke; unable to retrieve, wait on bullgang to replace
251min - Installed and tested new 6.6kv breaker
17min - Crew change

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain and crew discussed weather and sea conditions. Safety concerns from yesterday. Towing out this morning, JSAs needed for today; PPE and watch out for trip and fall hazards and pinch points when working. Be careful for limited visibility until the sun comes out. Crane Operator/SSHO went over Safety Alerts and Good Catches. Make sure we do a good job picking up by COB. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706; Move Barges; Housekeeping; Crane Lifting: Load up Breaker panel onto Ohio River; Operate Heavy Equipment & Forklift

BEHAVIORAL OBSERVATIONS:

Crane Operator and SSHO conducted a Safety Walk around the Derrick "Mobro 1706". One of the Life Lines were blocked and Crane operator removed items to have clear access. Housekeeping was discussed and trip and fall hazards were identified and removed.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 60, Cooler and mostly sunny. Night: Clear and chilly. Lo: 40, Real feel of 36.

Crews are conducting housekeeping throughout the project site and removing trip and fall hazards before work is started.

GENERAL COMMENTS:

SSHO conducted walk around inspection with the Crane Operator on the Mobro 1706.
SSHO completed Weekly and scanned and uploaded documents to the pin drive.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 370		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Mar 2018 - Thursday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	22,634	704,299			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>			
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	01:39	MAX	1	TIME	14:09	
	MIN	0	TIME	04:03	MAX	1	TIME	14:52	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		37 °F / 64 °F		9		17		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
					PUMPING:	00:00	04:27	0.0	
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:22	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	02:35	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				CONNECTING:	00:00	00:22	0.0		
		FT/MIN		DUMPING:	00:00	06:23	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:	00:00	00:51	0.0		
		FT/MIN		TO CUT:	00:00	04:36	0.0		
GALLONS OF FUEL OIL CONSUMED				TOTALS:	00:00	19:36	0.0		
		GAL		NON-EFFECTIVE WORKING TIME:					
GALLONS OF WATER CONSUMED				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
		GAL		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
		1,686		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
		250		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
WORK PERFORMED				MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LAY TIME:	00:00	00:00	0.0		
2	22,634	Ship Island	0	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
				MISCELLANEOUS:	00:00	04:24	0.0		
				TOTALS:	00:00	04:24	0.0		
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
				CESSATION:	00:00	00:00	0.0		
				COLLISIONS:	00:00	00:00	0.0		
				TOTALS:	00:00	00:00	0.0		
				TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 370
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Mar 2018 - Thursday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1. Dredge had to dump a partial load back into the borrow area due to the vessel list.

2 loads pumped on Ship Island today: 22,634 CY
75 loads pumped on Ship Island to date: 704,299 CY

34 loads dug in OCS West Borrow Area to date: 350,782 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

230min - Lost time due to dumping partial load due to list
34min - Line flush for fill site

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain questioned the crew about any safety concerns from the previous day. Also discussed the job tasks for the day including working on the riser pipe. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: crane lifting, welding/cutting/burning

BEHAVIORAL OBSERVATIONS:

Observed the Ohio River Captain correcting two Predictive Solutions open issues. Observed the Welder utilizing safe work practices and wearing all required PPE while working on the riser pipe. Welder had his Hot Work permit and JSA filled out prior to starting the job task.

SITE CONDITIONS & HOUSEKEEPING:

Morning lows in the upper 30s with daytime high temperatures in the upper 50s. The Mobro 1706/Bullgang crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO attended weekly project meeting. SSHO conducted "March week 1" training on "Parking Lot Safety" with the office personnel. Worked with the Ohio River alternate Captain on logging on to the Predictive Solutions. Alternate Captain now has access and can complete a DSR. Also worked with the Ohio River Captain to sign off two Predictive Solutions open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 371						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 09 Mar 2018 - Friday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	22,806	727,105						
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>							
	DENSITY OF WATER				GMS/LITER@ <u>37</u> °F							
RIVER/TIDE STAGE	MIN	0	TIME	01:39	MAX	1	TIME	14:52	GAGE LOCATION	Air Force Tower		
	MIN	0	TIME	04:03	MAX	1	TIME	15:41	GAGE DATUM	NAVD88		
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		51 °F / 73 °F		10		15					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
		9	30									
AFT		9	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	03:23	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:30	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	05:23	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:39	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	3,225	DUMPING:					00:00	08:05	0.0
GALLONS OF WATER CONSUMED			GAL	250	DISCONNECTING:					00:00	00:40	0.0
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0
2	22,806	Ship Island	0		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0
					MINOR OPERATING REPAIRS:					00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
					LAY TIME:					00:00	00:00	0.0
					FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:					00:00	00:50	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					00:00	00:50	0.0
					LOST TIME:							
					MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 371
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 09 Mar 2018 - Friday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 22,806 CY
77 loads pumped on Ship Island to date: 727,105 CY

36 loads dug in OCS West Borrow Area to date: 373,588 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

One Delay Today:

50min - Conducting main engine speed test

SAFETY

PRE-SHIFT MEETING:

Tug Mackie/Ellis Island: The Captain questioned the crew about any safety concerns from the previous day. Also discussed the plan for the day as well as job tasks. Also discussed the training to be conducted for both watches. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Tug Mackie/Ellis Island: inspecting/cleaning drag heads, connecting/disconnecting bow coupling, inspecting discharge boxes, vessel transfer, personnel transfer, housekeeping/sanitary, painting, maintenance welding and burning.

BEHAVIORAL OBSERVATIONS:

Observed the crew boat deckhand assisting all personnel and ensuring safe vessel transfers from the Tug Mackie. Observed the AB conducting a JSA brief with a green hat. AB did a great job of explaining the job task.

SITE CONDITIONS & HOUSEKEEPING:

Morning lows in the lower 40s and daytime high temperatures in the lower 60s. The Tug Mackie/Ellis Island crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO assisted the Mackie Captain with DSR log in. Captain is now completing the DSR for the Tug. SSHO conducted Drug and Alcohol training with 8 personnel and "March Week 1" LSA training with 8 personnel on the Tug Mackie. SSHO also conducted respirator fit tests for 2 personnel on the Tug Mackie. SSHO and Captain discussed plan to correct 2 open issues that have been outstanding for 50+ days. SSHO conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 372
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Mar 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	22,875	749,980
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER	1025	GMS/LITER@	37 °F

RIVER/TIDE STAGE	MIN	0	TIME	04:03	MAX	1	TIME	15:41	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	05:51	MAX	1	TIME	17:40	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	51 °F / 73 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	02:41	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:19	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	07:03	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	01:14	0.0
			1	DUMPING:	00:00	06:21	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:42	0.0
			0	TO CUT:	00:00	04:48	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:08	0.0
			2,874	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			250	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING		AGITATING					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
2	22,875	Ship Island	0				
				LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0			
				MINOR OPERATING REPAIRS: 00:00 00:35 0.0			
				TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0			
				LAY TIME: 00:00 00:00 0.0			
				FIRE AND BOAT DRILLS: 00:00 00:00 0.0			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS: 00:00 00:52 0.0			
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0			
				CESSATION: 00:00 00:00 0.0			
				COLLISIONS: 00:00 00:00 0.0			
				TOTALS: 00:00 00:00 0.0			
				TOTAL TIME/MILES: 00:00 24:00 0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 372
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 Mar 2018 - Saturday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 22,875 CY
79 loads pumped on Ship Island to date: 749,980 CY

38 loads dug in OCS West Borrow Area to date: 396,463 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

35min - Dredge pump would not clutch in at start of pumpout
17min - Conduct test of dragarm automation during sail

SAFETY

PRE-SHIFT MEETING:

Fill Site: The Foreman questioned the crew about any safety concerns from the previous day. Also discussed the plan for the day as well as job tasks. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Fill Site: building and maintaining dikes, moving equipment with forklift, adding/breaking and moving pipe, working the light plant, fueling equipment.

BEHAVIORAL OBSERVATIONS:

Observed the Shoreman utilizing safe work practices and wearing all required PPE while taking on fuel from the Tug boat. The tug boat crew and Shoreman briefed their JSA prior to starting the job task and it was completed in a safe and efficient manner. Observed Operators utilizing heavy equipment safely and ensuring all personnel observed the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Pleasant temperatures today with daytime highs in the low 70s. The Fill Site crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around at the Fill Site with no deficiencies noted. The Fill Site crew continues to do a great job of complying with safety rules, completing required inspections, filling out their required paperwork and maintaining their work spaces. Site Manager conducted a JSA audit on the Tug Mackie.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 373						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Mar 2018 - Sunday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 10,803	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 760,783						
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>									
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>									
RIVER/TIDE STAGE	MIN	0	TIME	05:51	MAX	1	TIME	17:40	GAGE LOCATION	Air Force Tower			
	MIN	0	TIME	06:23	MAX	1	TIME	18:59	GAGE DATUM	NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay			60 °F / 70 °F		8		21					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			9	30									
AFT			9	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	1,392	DUMPING:					00:00	03:10	0.0
GALLONS OF WATER CONSUMED				GAL	250	DISCONNECTING:					00:00	00:10	0.0
WORK PERFORMED					TO CUT:					00:00	02:13	0.0	
DREDGING AND HAULING			AGITATING		TOTALS:					00:00	05:33	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:								
1	10,803	Ship Island	0		TAKING ON FUEL AND SUPPLIES:					00:00	16:30	0.0	
					TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:					00:00	00:44	0.0	
					TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
					LAY TIME:					00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
					MISCELLANEOUS:					00:00	01:13	0.0	
					TOTALS:					00:00	18:27	0.0	
ATTENDANT PLANT					LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
					CESSATION:					00:00	00:00	0.0	
					COLLISIONS:					00:00	00:00	0.0	
					TOTALS:					00:00	00:00	0.0	
					TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 373
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Mar 2018 - Sunday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1. The dredge sailed to Gulfport to receive fuel at 05:15 and was at dock for the remainder of the day.

1 load pumped on Ship Island today: 10,803 CY
80 loads pumped on Ship Island to date: 760,783 CY

39 loads dug in OCS West Borrow Area to date: 407,266 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Four Delays Today:

- 990min - At Port of Gulfport to take on fuel
- 35min - Dredge pump won't clutch in
- 13min - Extended line flush
- 9min - Dredge pump won't speed up

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/bullgang: The Captain questioned the crew about any safety concerns from the previous day. The Captain reviewed Man Over Board prevention including pontoon tank procedures. Also discussed the Incident Alert involving the Welder who lifted an O2 bottle and injured himself. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/bullgang: welding/cutting/burning, crane lifts

BEHAVIORAL OBSERVATIONS:

Observed the welder utilizing safe work practices and wearing all require PPE while working on the riser pipe. The Welder completed a Hot Work Permit and JSA for the job task.

SITE CONDITIONS & HOUSEKEEPING:

Pleasant morning leading to afternoon thunderstorms with daytime highs in the upper 60s. The Mobro 1706/bullgang crew is doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

SSHO conducted "March week 1 LSA" and "March week 2 Hand Protection S.H.A.K.E. Refresher" training with 9 personnel on the Mobro/Bullgang. Submitted incident paperwork for employee who was involved in a vehicle accident on 3/9. Multiple Predictive Solutions open issues were signed off today on the tug Mackie, welding yard and Buddy G. SSHO uploaded previous 2 weeks of inspections on ACB8, ACB9, AB113 and Ohio River into NS5. Also developed a spreadsheet to conduct the noise testing scheduled for the Mackie.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 374
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 12 Mar 2018 - Monday	

GENERAL COMMENTS

The dredge began the day at dock receiving fuel. The dredge left the dock and resumed operations and continued digging in OCS West and pumping out on subline #1.

1 load pumped on Ship Island today: 10,679 CY
81 loads pumped on Ship Island to date: 771,462 CY

40 loads dug in OCS West Borrow Area to date: 417,945 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Four Delays Today:

- 300min - Wait on traffic before departing Gulfport
- 287min - Sail back to borrow area from Gulfport
- 60min - Finishing fueling at Gulfport
- 12min - Bring gear on deck to check results of paint test

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Very windy conditions with rough seas and daytime highs in the low 60s. The Emma Kate Captain attempted to make a crew run to the Tug Mackie but turned around due to rough seas.

GENERAL COMMENTS:

SSHO conducted safety inspections on the Emma Kate, Brooke Elizabeth and Ohio River. Several issues were discovered, uploaded to Predictive Solutions and discussed with the Captains. SSHO updated the project Emergency Response Procedures binder and will provide copies to the Ohio River and Brooke Elizabeth tomorrow.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 375			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Mar 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 21,511	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 792,973			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	06:43	MAX	1	TIME	20:42	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	06:54	MAX	1	TIME	21:57	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			39 °F / 66 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	02:07	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:22	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	06:14	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:55	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	05:30	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	03:22	0.0		
					TO CUT:	00:00	04:31	0.0		
WORK PERFORMED					TOTALS:	00:00	23:01	0.0		
					NON-EFFECTIVE WORKING TIME:					
					TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:08	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	00:51	0.0		
					TOTALS:	00:00	00:59	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 375
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Mar 2018 - Tuesday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 21,511 CY
 83 loads pumped on Ship Island to date: 792,973 CY

42 loads dug in OCS West Borrow Area to date: 439,456 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

- 31min - Testing jet pumps
- 20min - Testing dredge mode while sailing/crewboat transfer
- 8min - Dredge pump won't clutch out

SAFETY

PRE-SHIFT MEETING:

Tug Mackie/Ellis Island: The Captain questioned the crew about any safety concerns and discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Tug Mackie/Ellis Island: crane lifts, receiving stores, connecting/disconnecting bow coupling, personnel transfer, checking drag arms, inspecting/cleaning drag heads.

SITE CONDITIONS & HOUSEKEEPING:

Cold morning with temperatures in the low 40s leading to daytime high in the low 60s. Crews on the Tug Mackie are doing a good job of housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO escorted 3 technicians from Marine Interior and Surface Systems to conduct the joinery survey on the Tug Mackie. SSHO conducted testing on the Tug Mackie in multiple areas and with the Tug under several different operating conditions.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 376			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Mar 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 33,411	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 826,384			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	06:54	MAX	1	TIME	21:57	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	07:05	MAX	1	TIME	22:51	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			37 °F / 68 °F		10		16		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	03:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:27	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	06:06	0.0		
				1	CONNECTING:	00:00	00:41	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	06:00	0.0		
				0	DISCONNECTING:	00:00	00:55	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	06:17	0.0		
				3,215	TOTALS:	00:00	23:26	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				390	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	33,411	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:24	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:10	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:34	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 376
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Mar 2018 - Wednesday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

3 load pumped on Ship Island today: 33,411 CY

86 loads pumped on Ship Island to date: 826,384 CY

45 loads dug in OCS West Borrow Area to date: 472,867 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

17min - PS DA suction not opening

10min - Change bell gasket

7min - Balancing load test

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: The Captain questioned the crew about any safety concerns and discussed job tasks for the day. Also discussed Personal Injury and Near Miss Broadcast. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: crane lifts, welding/cutting/burning, fueling equipment

BEHAVIORAL OBSERVATIONS:

Observed the crane Operator utilizing safe work practices and good communication while performing crane lifts. Observed the crew utilizing tag lines and observing the safety zone while lifting/moving the cube.

SITE CONDITIONS & HOUSEKEEPING:

Cold morning again with temperatures in the low 40s leading to daytime high in the low 60s. Crews on the Mobro 1706/Bullgang are doing a good job of housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Worked with Captain on the Buddy G and Emma Kate to sign off Predictive Solutions open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 377
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Mar 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	22,436	848,820
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN 0 TIME 07:05	MAX 1 TIME 22:51	GAGE LOCATION Air Force Tower
	MIN 0 TIME 07:17	MAX 0 TIME 14:44	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	37 °F / 68 °F	10	16

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30				
AFT						
	9	30				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			PUMPING: 00:00 02:31 0.0			
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 1			TURNING: 00:00 00:17 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0			TO DUMP: 00:00 06:06 0.0			
GALLONS OF FUEL OIL CONSUMED 2,848			CONNECTING: 00:00 00:16 0.0			
GALLONS OF WATER CONSUMED 300			DUMPING: 00:00 06:13 0.0			
			DISCONNECTING: 00:00 00:25 0.0			
			TO CUT: 00:00 04:17 0.0			
			TOTALS: 00:00 20:05 0.0			
			NON-EFFECTIVE WORKING TIME:			
			TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0			
			TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0			
			LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0			
			LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0			
			MINOR OPERATING REPAIRS: 00:00 00:52 0.0			
			TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0			
			LAY TIME: 00:00 00:00 0.0			
			FIRE AND BOAT DRILLS: 00:00 00:00 0.0			
			MISCELLANEOUS: 00:00 03:03 0.0			
			TOTALS: 00:00 03:55 0.0			
			LOST TIME:			
			MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0			
			CESSATION: 00:00 00:00 0.0			
			COLLISIONS: 00:00 00:00 0.0			
			TOTALS: 00:00 00:00 0.0			
			TOTAL TIME/MILES: 00:00 24:00 0.0			

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	22,436	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 377
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Mar 2018 - Thursday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 22,436 CY
88 loads pumped on Ship Island to date: 848,820 CY

47 loads dug in OCS West Borrow Area to date: 495,303 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Five Delays Today:

- 167min - Connection delayed due to encountering shallow area in pumpout
- 46min - Port and STBD dredge pump clutching out
- 12min - Crew boat transfer
- 6min - Dredge gland seal pump not turning on
- 4min - Gear box hydraulic line on booster

SAFETY

PRE-SHIFT MEETING:

Project Office personnel conducted our pre-shift talks, Project up dates, Safety discussions on incidents that have happened lately. Getting complacent. Be aware of your surroundings. Taking unnecessary risks. Bullgang: weather, tasks for today; Get Cube in place, cleaning bottom of the Bell, Separate Riser and Sink hose connections. Crews did stretch and flex exercises.

JSA DISCUSSIONS:

Making Cube Connection; Housekeeping; Cleaning Bell connections;

BEHAVIORAL OBSERVATIONS:

SSHOs/Supervisor's: In a hurry? Fatigue? Lack of experience? Complacent? We need to slow down, take frequent breaks from repetitive tasks. Stretch before, during and after as needed to avoid sprains and strains on our bodies and rotate out personnel if tasks are ongoing. Listen to your body. If your hurting "Stop" Get help. Not sure how to do a particular task? Speak up, ask questions. Let's all try and work on this to improve our IIF culture.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 68. Mostly sunny. Night: Partly cloudy, Lo: 58.

Crews are conducting housekeeping throughout the project site.

GENERAL COMMENTS:

Project Management and SSHOs attended our Weekly Operations Meeting today.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 378	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Mar 2018 - Friday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West Borrow Area		OCS West Borrow Area		Ship Island	19,727	868,547	
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM		
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>				
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	07:17	MAX	0	TIME	14:44
	MIN	0	TIME	16:50	MAX	1	TIME	23:43
		GAGE LOCATION		Air Force Tower		GAGE DATUM		NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)	VISIBILITY	WIND		
	Weather Caused No Delay			59 °F / 66 °F	10	17		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30		EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	02:18	0.0	
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:10	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	05:07	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:45	0.0	
			1	DUMPING:	00:00	08:59	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:42	0.0	
			0	TO CUT:	00:00	04:55	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	22:56	0.0	
			3,635	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:38	0.0	
2	19,727	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:26	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:04	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 378
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Mar 2018 - Friday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 19,727 CY
 90 loads pumped on Ship Island to date: 868,547 CY

49 loads dug in OCS West Borrow Area to date: 515,030 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

- 35min - Adding oil to gear box
- 26min - Personnel/supply transfer
- 3min - Gland seal repairs

SAFETY

PRE-SHIFT MEETING:

Dredge/Mackie; Captain discussed weather, safety concerns or issues, Planning your day so you'll know what JSAs you'll need, How to properly fill out and do your JSAs before work starts. Discussed Securing Vessels, MOB and Back Safety with crew. Mobro 1706 Bull- gang: The Captain questioned the crew about any safety concerns and discussed job tasks for the day. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Dredge/Mackie: Grinding/Wire Wheeling; Working Aloft; Housekeeping/Sanitary; Personnel Transfer; Painting; Using Incinerator; Cleaning/Inspecting Dragheads; Inspecting Discharge Boxes
 Mobro 1706/Bullgang: crane lifts, moving barges, moving heavy equipment with forklift, welding/cutting/burning, fueling equipment, housekeeping

BEHAVIORAL OBSERVATIONS:

Captain had a discussion with the crew about planning your day so you know what JSAs you'll need. Don't take unnecessary risk by working without JSAs prior to work. JSAs are there to protect you and show you how and what to do. The hazards that are involved and the ways to eliminate or reduce hazards from happening.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 67. Mostly cloudy with a shower and possible thunderstorm in the area. Night: Mostly cloudy and mild with a brief shower or two, Lo: 65.

Crews are conducting housekeeping throughout the project site.

GENERAL COMMENTS:

Assisted Deck Captain with writing/submitting Good Catch. Signed off line throwing bag open issue on the Tug Mackie.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 379
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Mar 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	31,267	899,814
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER		GMS/LITER@	37 °F

RIVER/TIDE STAGE	MIN	0	TIME	07:28	MAX	0	TIME	14:17	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	18:12	MAX	1	TIME	00:49	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	64 °F / 78 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:18	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:24	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	07:19	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:44	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,859	DUMPING:	00:00	05:17	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:26	0.0
WORK PERFORMED				TO CUT:	00:00	06:12	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	23:40	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
3	31,267	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:20	0.0
				TOTALS:	00:00	00:20	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 379
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 17 Mar 2018 - Saturday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

3 loads pumped on Ship Island today: 31,267 CY
 93 loads pumped on Ship Island to date: 899,814 CY

52 loads dug in OCS West Borrow Area to date: 546,297 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

18min - Flush line for fill site
 2min - Connection Delay

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain/SSHO discussed Soft Tissue Protection/Ergonomics, S.P.I.N.E. Stretch, Posture, Invite others to help, Neutral Position, Educate. Top 10 Health Benefits of Stretching. Plan ahead so you'll know what JSAs are needed. Completing JSAs prior to work. Captain brief scope of work for the day. Crew conducted Stretch and Flex exercises.

JSA DISCUSSIONS:

Bullgang: Crane Lifts; Hot work; Picking up Pipe w/Anchor Barge; Working on Pipe Raft; Crews discussed vessel transfers and using boarding stations.

Fill Site: Moving Equipment with Forklift; Building and Maintaining Dikes; Adding & Breaking Shore Pipe; Working the Light Plant; Fueling Equipment

BEHAVIORAL OBSERVATIONS:

Captain had crew read their JSA for Crane Lifting. Crew went over job tasks, hazards, consequences and controls. Captain had Safety present and discussed good housekeeping and using boarding stations when doing vessel transfers. Keep your work area clean and remove all trip and fall hazards that were left on the decks before task gets started.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 67. Mostly cloudy with a shower and possible thunderstorm in the area. Night: Mostly cloudy and mild with a brief shower or two, Lo: 65.

Crews are conducting housekeeping throughout the project site.

GENERAL COMMENTS:

Completed a JSA Audit and covered Soft Tissue damage with crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 380			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Mar 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,652	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 920,466			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:36	MAX	1	TIME	00:49	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:16	MAX	0	TIME	12:23	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Non-Critical Delay			64 °F / 72 °F		5		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	02:17	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:14	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:58	0.0		
			1		CONNECTING:	00:00	00:39	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	07:56	0.0		
			0		DISCONNECTING:	00:00	00:32	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:23	0.0		
			3,337		TOTALS:	00:00	20:59	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:27	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
2	20,652	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	02:30	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:04	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	03:01	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 380
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Mar 2018 - Sunday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 20,652 CY
95 loads pumped on Ship Island to date: 920,466 CY

54 loads dug in OCS West Borrow Area to date: 566,949 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Five Delays Today:

- 90min - Replacing packing on dredge pump
- 38min - Checking new packing
- 27min - Extended connection due to heavy fog
- 22min - STBD dredge pump loss of lube oil pressure; pumped water to regain flow
- 4min - Personnel/supplies transfer

SAFETY

PRE-SHIFT MEETING:

Dredge/Mackie: Captain discussed weather and sea conditions, Foggy and damp today be careful of wet and slippery decks, Safety issues or concerns, Priorities of work, Planning your day for JSAs needed. Complete your JSA's prior to starting your task. Start using new JSA form, Rev. 0. SSHO will go over Back Safety training before lunch. Crews conducted Stretch and Flex exercises.

JSA DISCUSSIONS:

Mackie/Ellis Island: Connecting/Disconnecting Cube Connection; Working Aloft; Crane Lifts; Electrical Saw; Housekeeping/Sanitary; Inspect Discharge Boxes

Mobro 1706/Bullgang: crane lifting, moving barges, moving heavy equipment with forklift

BEHAVIORAL OBSERVATIONS:

SSHO and Captain discussed with crew the importance of Back Safety. Use proper lifting techniques and Buddy system. Lift with your legs not your back. Stretching before and after work. Repetitive work, bending and twisting all work that leads to sprains and strains. Instead of twisting at the waist, turn your body instead of twisting. Working in the Neutral position will help with back strains. Get help from a Buddy when lifting heavy items over 50 lbs. Depending on your size maybe even lighter items. Don't be afraid to ask for help.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 76. Mostly cloudy and foggy this morning. Heavy rain and thunderstorms in the area which can bring flooding, damaging winds and high humidity. Night: An evening shower/thunderstorm around. Cloudy, warm and humid with a Lo: 66.

Crews are maintaining good housekeeping throughout the project site. Supervisors and crews are finding trip & fall hazards and removing them from their work area.

GENERAL COMMENTS:

SSHO conducted training with Emma Kate, Dredge/Mackie crew on Soft Tissue damage, S.P.I.N.E. Stretching before, during and after work to prevent sprains and strains along with Moxie Training video. Conducted "March Week 3" training with the Bullgang. Uploaded equipment weekly inspections into NS5. Completed JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 381			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Mar 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 32,816	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 953,282		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	07:39	MAX	0	TIME	02:42		
	MIN	0	TIME	20:17	MAX	0	TIME	12:29		
				GAGE LOCATION		Air Force Tower				
				GAGE DATUM		2				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			68 °F / 84 °F		5		16		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>						PUMPING:		00:00	03:44	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>						TURNING:		00:00	00:17	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	06:00	0.0
				1	CONNECTING:		00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	06:25	0.0
				0	DISCONNECTING:		00:00	00:45	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:13	0.0
				3,343	TOTALS:		00:00	23:50	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
3	32,816	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	00:10	0.0
						TOTALS:		00:00	00:10	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 381
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 19 Mar 2018 - Monday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

3 loads pumped on Ship Island today: 32,816 CY
 98 loads pumped on Ship Island to date: 953,282 CY

57 loads dug in OCS West Borrow Area to date: 599,765 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

One Delay Today:

10min - Personnel/supplies transfer

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bull-gang; Captain covered weather and sea conditions, job plans, slips, trips and falls hazards around the work area, JSAs needed, A&Q Riggers for crane lifts, discussed hand safety and placement, proper fueling techniques, greasing equipment, splicing rope, rolling eyes. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Greasing Equipment; Splicing Rope; Fueling Equipment; Crane Lifts; Towing out

BEHAVIORAL OBSERVATIONS:

Supervisors/Crew, remember to conduct your stretching exercises before, during and after work. This will help out with the sprains and strains that are happening throughout the projects sites. We need the help from everyone to make this happen. Plan your day. JSAs before work. Use proper lifting techniques. Remember S.P.I.N.E. Stretch, Posture, Invite others for assistance with lifting over 50lbs. Neutral position, Educate. Thank you!

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 76. Mostly cloudy, 35% chance of precipitation. Night: Cloudy most of the night. 25% precipitation. Lo: 59.

Crews are maintaining good housekeeping throughout the project site. Supervisors and crews are eliminating trip hazards prior to starting task from their work area.

GENERAL COMMENTS:

SSHOs uploaded Ohio River weekly inspections into NS5. Updated Emergency Response procedures manual with Axiom information. Assisted Bullgang with writing JSAs. Escorted employee to clinic for follow up appointment. Sent out Safety Recall on Phillips AED on the Mobro 1706 which will be needing to be switched out.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 382					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 20 Mar 2018 - Tuesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 22,263	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 975,545				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>						
	DENSITY OF WATER				GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	07:27	MAX	0	TIME	04:42	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	21:26	MAX	1	TIME	12:54	GAGE DATUM	2	
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		50 °F / 71 °F		10		21				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	02:32	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:22	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:		00:00	06:20	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:		00:00	00:42	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	3,588	DUMPING:		00:00	08:25	0.0		
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:		00:00	00:50	0.0		
WORK PERFORMED					TO CUT:		00:00	04:49	0.0		
DREDGING AND HAULING		AGITATING		TOTALS:							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:						
2	22,263	Ship Island	0		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 382
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 20 Mar 2018 - Tuesday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 22,263 CY

100 loads pumped on Ship Island to date: 975,545 CY

59 loads dug in OCS West Borrow Area to date: 622,028 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bull-gang; Captains discussed weather and sea conditions, job plans, JSAs, safety concerns from yesterday. Tying off and securing double block in rough sea conditions before leaving for the day.

Fill site: Foreman discussed job tasks for the day and the wind and sea conditions. Also read "Crew Transfer" topic from the SALT book. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Mobro 1706/Bullgang: Crane Lifts; Sounding Pipe; Housekeeping;

Fill Site: fueling equipment, working the light plant, moving equipment with forklift, adding/breaking shore pipe, building/maintaining dikes

BEHAVIORAL OBSERVATIONS:

SSHO trained Captain and Deckhand off the Capt. Buddy G Tug boat on First Aid, CPR, AED & BBP. Captain and Deckhand demonstrated good hands on training with the 30 compression and 2 rescue breathes along with applying a pressure dressing and how to properly use an AED.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 68. Cooler, partly cloudy and sunny. Night: Clear. Lo: 49.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHOs completed JSA audit and First Aid & CPR training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 383							
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Mar 2018 - Wednesday							
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY									
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
		17	2		2	7								
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 32,668	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,008,213							
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM									
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>										
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>										
RIVER/TIDE STAGE	MIN	0	TIME	22:51	MAX	1	TIME	13:29	GAGE LOCATION	Air Force Tower				
	MIN	0	TIME	00:24	MAX	1	TIME	14:11	GAGE DATUM	2				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused No Delay			43 °F / 64 °F		10		10						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			9	30										
AFT			9	30	EFFECTIVE WORKING TIME:									
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:						00:00	03:49	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:						00:00	00:35	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:						00:00	06:58	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		CONNECTING:						00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		2,780	DUMPING:						00:00	05:54	0.0
GALLONS OF WATER CONSUMED			GAL		250	DISCONNECTING:						00:00	01:02	0.0
WORK PERFORMED					TO CUT:						00:00	05:07	0.0	
DREDGING AND HAULING			AGITATING		TOTALS:						00:00	23:55	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	NON-EFFECTIVE WORKING TIME:									
3	32,668	Ship Island		0	TAKING ON FUEL AND SUPPLIES:						00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:						00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:						00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:						00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:						00:00	00:00	0.0	
					LAY TIME:						00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:						00:00	00:00	0.0	
					MISCELLANEOUS:						00:00	00:05	0.0	
					TOTALS:						00:00	00:05	0.0	
ATTENDANT PLANT					LOST TIME:									
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:						00:00	00:00	0.0	
					CESSATION:						00:00	00:00	0.0	
					COLLISIONS:						00:00	00:00	0.0	
					TOTALS:						00:00	00:00	0.0	
					TOTAL TIME/MILES:						00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 383
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Mar 2018 - Wednesday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

3 loads pumped on Ship Island today: 32,668 CY
 103 loads pumped on Ship Island to date: 1,008,213 CY

62 loads dug in OCS West Borrow Area to date: 654,696 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

One Delay Today:

5min - Crew change

SAFETY

PRE-SHIFT MEETING:

Dredge; Captain, Mate and crew discussed weather and sea conditions, safety issues or concerns, job plans, JSAs needed. Safety will be on board to conduct First Aid, CPR, AED & BBP training in Crew lounge. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Connecting/Disconnecting the Cube; Checking Drag-Arms; Using the Incinerator; Painting; Inspecting/Cleaning Dragheads; Inspecting Discharge boxes; Housekeeping/Sanitary

BEHAVIORAL OBSERVATIONS:

Crews provided good feedback and were eager to perform their 30 compressions and 2 rescue breathes (Hands on Training) in First Aid, CPR, AED & BBP today.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 70. Plenty of sun, watch for high winds and rough sea conditions. Night: Clear. Lo: 44.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHOs conducted First Aid & CPR training and New Hire Orientation.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 384
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Mar 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	22,008	1,030,221
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER		GMS/LITER@	37 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:24	MAX	1	TIME	14:11	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:52	MAX	1	TIME	15:50	GAGE DATUM	2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	43 °F / 69 °F	9	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:59	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:53	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:37	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	3,591	DUMPING:	00:00	08:26	0.0
GALLONS OF WATER CONSUMED		GAL	250	DISCONNECTING:	00:00	00:53	0.0
WORK PERFORMED				TO CUT:	00:00	05:24	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	23:34	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	22,008	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:26	0.0
				TOTALS:	00:00	00:26	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 384
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 22 Mar 2018 - Thursday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 22,008 CY
 105 loads pumped on Ship Island to date: 1,030,221 CY

64 loads dug in OCS West Borrow Area to date: 676,704 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Four Delays Today:

- 10min - Extended line flush
- 9min - Repair leak on shorepipe
- 5min - On water for booster
- 2min - Discharge delay for booster

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain discussed weather and sea conditions, job tasks/plans for the day, JSAs needed. SSHO went over J. Campbell's PP slides on "Effective use of a Spotter. Read from the SALT 2nd Ed. Sect. 18 Heavy Equipment (pgs. 32-33) and Sect. 14 Getting On/Off riding equipment. Captain went over MOB and stressed not to be in a hurry to make a transfer. Slow down and wait for the O.K by Captain. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Connecting/Disconnecting the Subline; Blowing Up/Sinking Subline; Housekeeping/Sanitary

BEHAVIORAL OBSERVATIONS:

Captain briefed crew on the dangerous of completing a vessel transfer from a Tug or Barge to a pontoon tank. Don't get into a rush, slow down and wait for the Captain to give the all clear. Watch your footing and look where your going to step. If your not comfortable doing the transfer, "Don't". Good Safety brief and hazard identification.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 70. Plenty of sun, watch for high winds and rough sea conditions. Night: Clear. Lo: 44.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHOs went over Power Point slides on Effective use of a Spotter and read from the SALT 2nd Edition Section 18 Heavy Equipment.

Operations Meeting held

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 385
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Mar 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	32,648	1,062,869
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:24	MAX	1	TIME	14:58	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:52	MAX	1	TIME	15:50	GAGE DATUM	2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	46 °F / 70 °F	8	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			
AFT		9	30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			PUMPING:	00:00	03:09	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			TURNING:	00:00	00:34	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	TO DUMP:	00:00	04:54	0.0
		1	CONNECTING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DUMPING:	00:00	05:17	0.0
		0	DISCONNECTING:	00:00	00:40	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TO CUT:	00:00	04:55	0.0
		2,781	TOTALS:	00:00	19:54	0.0
GALLONS OF WATER CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
			MINOR OPERATING REPAIRS:	00:00	01:55	0.0
3	32,648	Ship Island	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
			LAY TIME:	00:00	00:00	0.0
			FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT			MISCELLANEOUS:	00:00	02:11	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:06
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 385
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Mar 2018 - Friday

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

3 loads pumped on Ship Island today: 32,648 CY

108 loads pumped on Ship Island to date: 1,062,869 CY

67 loads dug in OCS West Borrow Area to date: 709,352 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Seven Dellays Today:

107min - Repair/adjust damaged port trunion hoist sensor

91min - Extended line flush (two delays)

27min - Wait on fill site to change out Y-Valves

8min - Waiting on dredge engines to warm up

8min - Engineers checking dredge engines

5min - Wait on booster

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captains discussed weather and sea conditions, job plans for the day, Safety issues or concerns that need to be addressed? Helping out at the Booster; Hot work, welding fabrication, pump room maintenance, Yard: Needle gunning pontoon tanks, Welding on Bell. JSAs needed. Read over Safety emails, Alerts. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Needle gunning rust off pontoon tanks; Hot work: Working on Booster pump room; Housekeeping/Sanitary

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 71. Partly sunny and pleasant. Night: Partly cloudy. Lo: 62.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO conducted Tug Boat Orientation with the Miss Niz Captain and crew along with going over ERP and DSR reporting. Completed Vessel Inspection of Tug boat.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 386
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Mar 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	21,159	1,084,028
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	01:52	MAX	1	TIME	15:50	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE DATUM	2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	64 °F / 77 °F	10	15

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	04:12	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	06:44	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:22	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DUMPING:	00:00	05:19	0.0
GALLONS OF WATER CONSUMED		GAL	250	DISCONNECTING:	00:00	00:36	0.0
WORK PERFORMED				TO CUT:	00:00	04:14	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	21:52	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	21,159	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:45	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	01:05	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:18	0.0
				TOTALS:	00:00	02:08	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 386
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 24 Mar 2018 - Saturday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1.

2 loads pumped on Ship Island today: 21,159 CY
 110 loads pumped on Ship Island to date: 1,084,028 CY

69 loads dug in OCS West Borrow Area to date: 730,511 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Six Delays Today:

- 65min - Troubleshooting barge power supply (two delays)
- 45min - Weather: long turn to dig one direction
- 15min - Extended line flush
- 3min - Wait on dredge engines to warm up

SAFETY

PRE-SHIFT MEETING:

Dredge: Captain and Mate briefed crew on weather, scope of work for today, JSAs, Safety concerns or issues from yesterday, Fire and Boat drills after lunch along with some A&Q brief/training with crew. Plans for Dredge tonight, and tomorrow morning. Crew conducted Stretch and Flex Exercises.

JSA DISCUSSIONS:

Dredge/Mackie: Painting; Greasing Gear; Hot Work- Welding, Cutting, Grinding
 Inspecting Discharge Boxes; Connecting/Disconnecting to the Cube; Using the Incinerator; Housekeeping/Sanitary;
 Inspecting/Cleaning Dragheads; Grinding and Wire Wheeling

BEHAVIORAL OBSERVATIONS:

Captain briefed future training to come for crew on Authorized & Qualified (A&Q) on tool usage. Cpt. explained to crew that importance of being trained on all tools aboard the Vessels. Captain/ Chief /Mates will be implementing training soon. Captain/Chief also conducted Boat and Fire Drills. What to do. How to do it. Where to go. Good Visual/Hands on for the crew.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 76. Partly cloudy and sun. Moderate to strong winds. Night: Partly cloudy and mild. Lo: 66.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 387		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 Mar 2018 - Sunday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 10,237	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				1025	GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		2							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			66 °F / 79 °F	8			12	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30					
AFT		9		30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:04	0.0	
				1	CONNECTING:	00:00	00:18	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	02:33	0.0	
				0	DISCONNECTING:	00:00	00:22	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	02:09	0.0	
				1,000	TOTALS:	00:00	05:26	0.0	
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:				
				250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
1	10,237	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	17:40	0.0
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
						LAY TIME:	00:00	00:00	0.0
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:54	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	18:34	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 387
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 25 Mar 2018 - Sunday	

GENERAL COMMENTS

The dredge continued digging in OCS West and pumping out on subline #1. The dredge was expected to work in Gulfport while the bullgang moved the booster to subline #2 but barge bow thruster issues kept the dredge down in MSCIP.

1 load pumped on Ship Island today: 10,237 CY
 111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

- 800min - Troubleshoot bow thruster issues
- 260min - Troubleshoot barge power supply
- 54min - Flush line clean before booster move

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed weather, safety concerns or issues from yesterday, job tasks, read from SALT 2nd Ed, briefed Safety statistics from Jason C, hand placement, don't get complacent and looking out for each other. Crews participated in Stretch and Flex exercises.

JSA DISCUSSIONS:

Fill Site: Building containment; Fueling; Adding / Breaking Shore Pipe; Moving Equipment with Forklift

BEHAVIORAL OBSERVATIONS:

Site Admin. took initiative and fixed a blinker/tail light on the Club cab UTV today after SSHO inspected it. They wore their PPE and trouble shot the problem. Good job!

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 77. Real feel of 80. Mostly cloudy and comfortable. Night: Partly cloudy and mild. Areas of Fog late. Lo: 65.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO inspected the Club Car Utility Vehicle. Minor deficiencies annotated.
 Fill Site Training tomorrow - UTV & BBP

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 388							
CHARACTER OF REPORT								<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 26 Mar 2018 - Monday			
DREDGE (Ellis Island)				HOPPER CAP: <u>14,778</u> CY				AVG VOL OF BIN WATER: <u>10,950</u> CY				AVG UNFILLED CAP: <u>3,828</u> CY							
				NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK					
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
		OCS West Borrow Area		OCS West Borrow Area				Ship Island		0		1,094,265							
				AVG LENGTH OF CUT <u>1,700</u> FT				AVG WIDTH OF CUT <u>1,800</u> FT				AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL				DENSITY OF MATERIALS								GMS/LITER <u>1925</u>							
				DENSITY OF WATER								1025				GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE				MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION Air Force Tower							
				MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM 2							
WEATHER CONDITION				WEATHER				TEMP (min / max)		VISIBILITY		WIND							
				Weather Caused Critical Delay				66 °F / 75 °F		5		24							
DRAFT								DISTRIBUTION OF TIME AND MILES RUN											
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)							
				9		30													
AFT				9		30													
DRAG DEPTH				MAX <u>41</u> MIN <u>39</u>															
INDICATORS LAST CHECKED ON <u>12/08/2017</u>																			
AVERAGE SPEED OF DREDGE DURING LOADING								FT/MIN				1							
AVERAGE SPEED OF DREDGE DURING AGITATING								FT/MIN				0							
GALLONS OF FUEL OIL CONSUMED								GAL				250							
GALLONS OF WATER CONSUMED								GAL				250							
WORK PERFORMED								NON-EFFECTIVE WORKING TIME:											
DREDGING AND HAULING				AGITATING				TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		12:00		0.0							
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0							
						MINOR OPERATING REPAIRS:		00:00		12:00		0.0							
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0							
						LAY TIME:		00:00		00:00		0.0							
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0							
						MISCELLANEOUS:		00:00		00:00		0.0							
						TOTALS:		00:00		24:00		0.0							
ATTENDANT PLANT								LOST TIME:											
ITEM	NAME OR NUMBER			H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0					
								CESSATION:		00:00		00:00		0.0					
								COLLISIONS:		00:00		00:00		0.0					
								TOTALS:		00:00		00:00		0.0					
								TOTAL TIME/MILES:		00:00		24:00		0.0					

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 388
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Mar 2018 - Monday

GENERAL COMMENTS

The dredge was dwn all day due bow thruster issues and weather preventing the bullgang from completing the booster move to subline #2. Dredge went to Gulfport for fuel.

0 loads pumped on Ship Island today: 0 CY
 111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

720min - Troublshoot bow thruster issues while bullgang moves booster to subline #2
 720min - Sail to Gulfport for fuel due to weather

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed weather, safety concerns or issues from yesterday, job tasks, complete building shore-line, Load Ramp barge, GL 675, GL 695, & white Lightning, read from SALT 2nd Ed, Stretching III -36, Crews participated in Stretch and Flex exercises.

JSA DISCUSSIONS:

Fill Site: Building containment; Fueling; Adding / Breaking Shore Pipe; Moving Equipment with Forklift; Working the Light Plant;

BEHAVIORAL OBSERVATIONS:

Captain of the Bullgang made a safety call on stopping task with the Booster due to bad weather and sea conditions getting rough. Had crew stop and get ready to go back in. Good call.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 73. Mostly cloudy, breezy and humid. Night: Mostly cloudy and mild. Areas of evening showers in spots. Lo: 65.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

Scanning and uploading JSAs, ESF.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 389
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Mar 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	1,094,265
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN <u>0</u> TIME <u>03:16</u>	MAX <u>1</u> TIME <u>16:48</u>	GAGE LOCATION	Air Force Tower
	MIN <u>0</u> TIME <u>04:35</u>	MAX <u>1</u> TIME <u>17:58</u>	GAGE DATUM	2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	66 °F / 75 °F	7	25

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30	EFFECTIVE WORKING TIME:			
AFT	9	30	PUMPING:	00:00	00:00	0.0
			TURNING:	00:00	00:00	0.0
DRAG DEPTH	MAX <u>41</u>	MIN <u>39</u>	TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON	<u>12/08/2017</u>		CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	00:00	0.0
		1	DISCONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	00:00	0.0
		0	TOTALS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		326	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		250	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	00:00
ATTENDANT PLANT			TOTALS:	00:00	24:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 389
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 27 Mar 2018 - Tuesday	

GENERAL COMMENTS

The dredge was down all day due to rough seas preventing the bullgang from completing the booster move to subline #2.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706 Captain discussed weather, job plans, safety issues, SSHO/SM discussed Safety Stand Down; The project is having more incidents over the last 2 days. MOB, Forearm abrasion, and Pulled muscle strain. SM went over statistics on March/April usually spikes. Dredge also had Safety Stand Down; Cpt. Chief, SM and Safety discussed prior incidents and ways to reduce or eliminate hazards. Crews participated in Stretch and Flex exercises.

JSA DISCUSSIONS:

Bullgang; Housekeeping; Moving Barges

BEHAVIORAL OBSERVATIONS:

Captain and Chief had a good discussion during Safety Stand Down on ways to prepare for future tasks. Don't rush, Plan your day, Go through your JSA task steps and look out for each other. Cpt/Chief/Mate mentioned not to be afraid to speak up and call an All Stop. Safety mentioned Fatigue Management. You need to take care of yourselves. Let someone know if your overly tired and pose a risk on performing your task. Good Safety discussion. Same on the Derrick. Captain/Mate had good Safety practices and discussions with crew.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 76. Mostly cloudy, breezy and humid. Some sprinkles of rain in spots. Night: Mostly cloudy and mild. Lo: 68.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO, SM, Captains, Chief and Management had a Good Safety Stand Down with crew. Good discussion and Safety topics. Good participation.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 222 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 390			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Mar 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>37 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			69 °F / 79 °F	6			21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				250	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 390
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Mar 2018 - Wednesday

GENERAL COMMENTS

The dredge was down all day due to rough seas preventing the bullgang from completing the booster move to subline #2.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706 Captain discussed weather, job plans, safety issues or concerns. Had a Good Catch: snake hiding in the line on the pipe barge. Had to use hook pole to scare it away. Be careful and look before you pick up and move around. Went over steps to take if someone should get bitten. SSHO went over Safety Stand Down with Crew who missed it yesterday. Captain went over job plans. JSAs needed. Safety went over A & Q for tools on board. Need documentation of training. Crews conducted stretch and flex exercises.

JSA DISCUSSIONS:

Bullgang; Crane Lifts; Hot Work; Land Equipment; Make straps/Rope; Lifting w/AB. Housekeeping; Moving Barges

BEHAVIORAL OBSERVATIONS:

Mate had a Good Catch yesterday when he was trying to tighten up Pipe rafts and getting ready to grab line when he spotted a 3' black snake coiled up in the line. Mate grabbed hook pole and scared it away. This could of ended bad if not paying attention to your surroundings. Getting bit by a poisonous snake. Captain/SSHO went over some safety measure to take if bitten.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 76. Mostly cloudy, breezy and humid. Some sprinkles of rain in spots. Night: Mostly cloudy and mild. Lo: 68.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO did New Hire Orientation with Deckhand for the Bullgang/Derrick. Conducted Safety Stand Down for Bullgang crew that missed it just coming back. Good Catch: Snakes are coming around. Be careful where you step and grab ropes, life rings anywhere snakes like to hide. Bullgang had a water moccasin in their lines coiled up on the deck.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 391			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Mar 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			61 °F / 79 °F		5		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			500		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 391
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Mar 2018 - Thursday

GENERAL COMMENTS

The dredge was down all day due to rough seas preventing the bullgang from completing the booster move to subline #2.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the heavy lift yard, the Foreman gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Foreman discussed danger zones. Stretch and flex exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Crane Lifts; Hot Work; Land Equipment; Make straps/Rope; Lifting w/AB. Housekeeping; Moving Barges

BEHAVIORAL OBSERVATIONS:

Observed crews conducting loader operations while connecting pipe and sliding it towards the water. Shoreman were observed maintaining the safety zones around equipment and only crossed when operator knew they were in the danger zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 75. Mostly cloudy, breezy and humid. 100% chance of rain with thunder storms. Night: Mostly cloudy and mild. Lo: 60.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

Updated Predictive Solutions.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 226 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 392			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Mar 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			59 °F / 77 °F		8		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			250		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			100		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 392
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Mar 2018 - Friday

GENERAL COMMENTS

The dredge was down all day due to rough seas preventing the bullgang from completing the booster move to subline #2. The dredge broke dock and began working Gulfport while the bullgang works to complete booster move.

0 loads pumped on Ship Island today: 0 CY
 111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the heavy lift yard, the Supervisor gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Supervisor discussed the daily job tasks. Stretch and flex exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Bullgang; Equipment Preventive Maintenance; Loader Operations; Unloading/Loading Trucks; Crane Lifts; Hot Work; Land Equipment; Make straps/Rope; Lifting w/AB. Housekeeping; Moving Barges

BEHAVIORAL OBSERVATIONS:

Observed operator unloading float hose off truck. SSHO and operator ensured that no one was around truck when hose was lifted off to prevent injuries - no deficiencies noted.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 74. Cloudy with a breezy. Night: Some clouds and mild. Lo: 52.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO did New Hire Orientation with the New Captain on the Lady Joyelle. SSHO conducted ATV training for the beach crew. SSHO conducted inspections on the D6 Dozer and D7 Dozer along with the 966 Loader - minor deficiencies noted and entered into Predictive Solutions.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 393			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 31 Mar 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			59 °F / 77 °F		8		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 393
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 31 Mar 2018 - Saturday

GENERAL COMMENTS

Dredge off-contract all day working in Gulfport due to rough seas preventing the bullgang from completing the booster move to subline #2.

0 loads pumped on Ship Island today: 0 CY
 111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Fill Site, the Foreman gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Foreman discussed quarterly electrical checks, equipment deficiencies, refueling equipment and up coming tasks. SSHO discussed insects and snakes. SALT book discussion was on grinders . Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Equipment Preventive Maintenance; Loader Operations; Hot Work; Refueling equipment; Housekeeping; Moving Barges

BEHAVIORAL OBSERVATIONS:

SSHO conducted a walk around the fill site - no deficiencies noted. Observed welder performing hotwork - no deficiencies noted. House keeping is maintained and site looks good.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 74. Clear and sunny. Night: Clear. Lo: 50.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 394			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Apr 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			59 °F / 77 °F		8		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	20:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	04:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 394
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Apr 2018 - Sunday

GENERAL COMMENTS

Dredge was off-contract working in Gulfport while the bullgang worked on completing booster move. Booster move was completed and dredge tested subline #2 pumping water. A leak was found in the subline and the dredge returned to Gulfport Bar Channel.

0 loads pumped on Ship Island today: 0 CY
 111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:
 During the Pre-shift meetings on the Fill Site, the Foreman gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Foreman discussed welding operations, preparing for pumping water to test sublines, quarterly and monthly checks, wearing seat-belts on all equipment. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:
 Equipment Preventive Maintenance; Moving Equipment with Forklift; Hot Work; Working the Light Plants; Refueling Equipment; Housekeeping.

BEHAVIORAL OBSERVATIONS:
 SSHO conducted a walk around the fill site - no deficiencies noted. Observed operators conducting preventive maintenance on equipment and conducting dozer operations - no deficiencies noted. House keeping is maintained and site looks good.

SITE CONDITIONS & HOUSEKEEPING:
 Today: High of 73. Clear and sunny. Night: Clear. Expected Lo: 49.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 395
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Apr 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	1,094,265
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@	<u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM 2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	59 °F / 77 °F	8	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
				LOSS DUE TO NATURAL ELEMENTS:			
				00:00 24:00 0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				00:00 00:00 0.0			
				MINOR OPERATING REPAIRS:			
				00:00 00:00 0.0			
				TRANSFERRING BETWEEN WORKS:			
				00:00 00:00 0.0			
				LAY TIME:			
				00:00 00:00 0.0			
				FIRE AND BOAT DRILLS:			
				00:00 00:00 0.0			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00 24:00 0.0			
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00 00:00 0.0			
				CESSATION:			
				00:00 00:00 0.0			
				COLLISIONS:			
				00:00 00:00 0.0			
				TOTALS:			
				00:00 00:00 0.0			
				TOTAL TIME/MILES:			
				00:00 24:00 0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 395
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 02 Apr 2018 - Monday	

GENERAL COMMENTS

Dredge was off-contract working in Gulfport while the leak in subline #2 is being repaired.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Douglas B. Mackie, the Captain/Mate gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain discussed slippery surfaces while walking out on the catwalks on the dredge (slips, trips and falls). Ensure garbage is checked for aerosol cans prior to putting in the incendiary, discussed up coming training. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Housekeeping Sanitary; Cleaning Wheelhouse Windows; Praiting; Inspecting Cleaning Dragheads.

BEHAVIORAL OBSERVATIONS:

SSHO conducted a walk through on the Dredge Ellis Island/Tug Douglas B Mackie - minor deficiencies noted and discussed with the Captain. SSHO conducted inspection on the Booster - minor deficiencies noted and entered into Predictive Solutions.

House keeping is maintained and site looks good.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 77. Partly Cloudy. Night: Mostly Cloudy. Expected Lo: 63.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 396		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Apr 2018 - Tuesday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>		
	DENSITY OF WATER			1025			GMS/LITER@ <u>37 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		2							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Non Work Day			59 °F / 77 °F		8		17	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	00:00	0.0	
		FT/MIN		CONNECTING:		00:00	00:00	0.0	
		1	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:00	0.0	
		FT/MIN		TO CUT:		00:00	00:00	0.0	
		0	TOTALS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:					
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
		0	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
		0	MINOR OPERATING REPAIRS:		24:00	00:00	0.0		
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0
					MISCELLANEOUS:		00:00	00:00	0.0
					TOTALS:		24:00	00:00	0.0
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		24:00	00:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 396
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 03 Apr 2018 - Tuesday	

GENERAL COMMENTS

Dredge was off-contract working in Gulfport while the leak in subline #2 is being repaired.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Douglas B. Mackie, the Captain/Mate gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain discussed shipboard safety. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Using the Incinerator; Painting; Inspecting/Cleaning Drag Heads; Housekeeping; Hot Work(Welding/Cutting/Grinding).

BEHAVIORAL OBSERVATIONS:

SSHO conducted a walk through on the Dredge Ellis Island/Tug Douglas B Mackie - no deficiencies noted. SSHO conducted a walk through of the welding yard - no deficiencies noted.

House keeping is maintained and site looks good.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 79. Partly Cloudy. Night: Cloudy with a 60% chance of rain and thunderstorms. Expected Lo: 66.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 397					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Apr 2018 - Wednesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>37 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48				
	MIN	0	TIME	04:35	MAX	1	TIME	17:58				
GAGE LOCATION		Air Force Tower										
GAGE DATUM		2										
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Non Work Day			55 °F / 73 °F		9		18				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:					00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING							TO DUMP:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING							CONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED							DUMPING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED							DISCONNECTING:		00:00	00:00	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
							TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
							TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
							LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
							LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
							MINOR OPERATING REPAIRS:		00:00	24:00	0.0	
							TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
							LAY TIME:		00:00	00:00	0.0	
							FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
							MISCELLANEOUS:		00:00	00:00	0.0	
							TOTALS:		00:00	24:00	0.0	
ATTENDANT PLANT					LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 397
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 04 Apr 2018 - Wednesday	

GENERAL COMMENTS

Dredge was off-contract working in Gulfport while the leak in subline #2 is being repaired.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Booster Wadmalaw, the Watch Engineer gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Watch Engineer discussed safety on painting. Also, discussed SALT Book topic on Visitors. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Using the Incinerator; Painting; Inspecting/Cleaning Drag Heads; Housekeeping; Hot Work (Welding/Cutting/Grinding).

BEHAVIORAL OBSERVATIONS:

SSHO conducted a walk through on the Booster Wadmalaw - no deficiencies noted. SSHO conducted a walk through of the welding yard - no deficiencies noted. Crews and Sub-Contractors were wearing proper PPE.

House keeping is maintained and site looks good.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 73. Mostly Cloudy with showers and thunderstorms, clear by afternoon. Night: Clear, Expected Lo: 66.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO conducted Fall Protection and Hot Work Training with eight personnel on the Tug Mackie, Conducted PS inspection on Ellis Island. Updated LOTO binder on the Booster.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 398			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Apr 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,094,265			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			55 °F / 73 °F		9		18		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	24:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 398
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Apr 2018 - Thursday

GENERAL COMMENTS

Dredge was off-contract working in Gulfport while the leak in subline #2 is being repaired. New pipe expected to be installed and repair completed tomorrow.

0 loads pumped on Ship Island today: 0 CY

111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Tug Mackie, the Captain gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Mate discussed daily work task and safety. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Using the Incinerator; Painting; Inspecting/Cleaning Drag Heads; Housekeeping/Sanitary; Hot Work (Welding/Cutting/Grinding) Working Aloft; Checking Diagrams.

BEHAVIORAL OBSERVATIONS:

SSHO conducted a walk through on the Tug Mackie - no deficiencies noted. SSHO observed crew conducting general engine room maintenance - no deficiencies noted.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 68. Sunny. Night: Mostly Cloudy, Expected Lo: 46.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 399
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Apr 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	1,094,265
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	03:16	MAX	1	TIME	16:48	GAGE LOCATION Air Force Tower
	MIN	0	TIME	04:35	MAX	1	TIME	17:58	GAGE DATUM 2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	56 °F / 74 °F	10	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	01:03	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:13	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	02:32	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:12	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	04:00	0.0
			518	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	14:45	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	14:45	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 399
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 06 Apr 2018 - Friday	

GENERAL COMMENTS

Dredge began the day off-contract working in Gulfport while the leak in subline #2 is being repaired. The new pipe was installed and at 1445 the dredge pumped water through subline #2 to test for leaks. No leaks were detected and the dredge then sailed to OCS West Borrow Area and resumed digging at 18:00.

0 loads pumped on Ship Island today: 0 CY
 111 loads pumped on Ship Island to date: 1,094,265 CY

70 loads dug in OCS West Borrow Area to date: 740,748 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:
 144min - Sail to OCS West Borrow Area after testing subline
 119min - Dredge pump not starting
 52min - Testing subline for leaks

SAFETY

PRE-SHIFT MEETING:
 D. B. Mackie/Ellis Island: Captain discussed if there were any safety concerns or issues from the previous day, Captain/Mate went over scope of work, JSAs needed, hazards, not getting complacent, ask questions if unsure, Stretch/flex and SHAKE exercise were conducted.

JSA DISCUSSIONS:
 Dredge/Tug: Using the Incinerator; Painting; Inspecting/Cleaning Drag Heads; Housekeeping/Sanitary; Hot Work: Welding, Cutting, Grinding; Checking Drag Arms.

BEHAVIORAL OBSERVATIONS:
 While conducting a walk around inspection of the Tug/Dredge I noticed the monthly fire extinguisher inspection weren't done correctly. I talked to the ABS whose name was on the last inspection and showed him how and where to put the month/yr and his initials. Some of the tags are good for 4 years with 4 columns. Captain is going to address this at next safety meeting as well.

SITE CONDITIONS & HOUSEKEEPING:
 Today: High of 75. Sunny and cloud cover. Night: Mostly Cloudy with rain showers in the morning, Expected Lo: 66.

Housekeeping is being maintained by the crews throughout the project site.

GENERAL COMMENTS:
 SSHO did walk around inspections of Dredge/Tug. Vessels looked good and picked up. Captain set up some training for Tuesday for First Aid, CPR, AED & BBP.

*Reminder that AEDs are done weekly.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 400
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Apr 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	20,717	1,114,982
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>37</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>37 °F</u>

RIVER/TIDE STAGE	MIN 0	TIME 01:01	MAX 1	TIME 15:01	GAGE LOCATION Air Force Tower
	MIN 0	TIME 02:15	MAX 1	TIME 15:51	GAGE DATUM 2

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	48 °F / 73 °F	7	17

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			
AFT		9	30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:14
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:27
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:31
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:34
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DUMPING:	00:00	08:56
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:58
WORK PERFORMED				TO CUT:	00:00	06:10
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	23:50
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:		
2	20,717	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00
				MINOR OPERATING REPAIRS:	00:00	00:06
				TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	00:04
				TOTALS:	00:00	00:10
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 400
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Apr 2018 - Saturday

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template.

2 loads pumped on Ship Island today: 20,717 CY
 113 loads pumped on Ship Island to date: 1,114,982 CY

72 loads dug in OCS West Borrow Area to date: 761,465 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

6min - Dredge pump repairs
 4min - Switching valves

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain discussed safety issues or concerns, weather, wet and slippery decks, Captain praised crew and Tug Captains for doing a good job yesterday. Capt. briefed Job plans for the day, securing all floating tanks, housekeeping on AB 113, submitting Good Catches. SSHO discussed Near Miss; worn bits/cleats, Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Bullgang: Crane Lifting; House Keeping; Moving Barges; Hot work; Cut on Ball on the broken pipe.
 Tug Mackie: painting, inspecting/cleaning drag heads, hot work - welding/cutting/grinding, housekeeping/sanitary, connecting/disconnecting to the cube, checking drag arms, using the incinerator.

BEHAVIORAL OBSERVATIONS:

Captain and Mate discussed Good Catches that were found yesterday. A damaged sling from the AB 113, Fix Boarding station hand rail on AB 113 that got bent up in tow and a bit on port side stern tank that needs replacing with a stronger one.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 71. Periods of rain and thunderstorms. Night: Mostly Cloudy, Expected Lo: 45.

Housekeeping is being maintained by the crews throughout the project site.

GENERAL COMMENTS:

SSHOs conducted a P.S. Vessel Inspection on the AB 113 which was due.
 UTV training conducted
 Conducted PS inspection on Tug Mackie.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 401			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Apr 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 32,065	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,147,047			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	02:15	MAX	1	TIME	15:51	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	03:30	MAX	1	TIME	16:47	GAGE DATUM	2
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			59 °F / 66 °F		6		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:12	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:55	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	07:20	0.0	
			1	CONNECTING:		00:00	00:28	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:21	0.0	
			0	DISCONNECTING:		00:00	00:35	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:22	0.0	
			4,048	TOTALS:		00:00	23:13	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	32,065	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:23	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:24	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:47	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 401
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 08 Apr 2018 - Sunday	

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template.

3 loads pumped on Ship Island today: 32,065 CY
 116 loads pumped on Ship Island to date: 1,147,047 CY

75 loads dug in OCS West Borrow Area to date: 793,530 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Five Delays Today:

- 15min - Fill site line flush
- 11min - Waiting for dredge pump engine startup
- 9min - Booster delay
- 7min - Power troubleshooting bow thruste engine
- 5min - Port dragarm suction delay

SAFETY

PRE-SHIFT MEETING:

Fill Site; Foreman discussed during pre-shift; weather, any safety concerns or issues with equipment, Job plans for the day, Tie-In taper Bay side, Read from the SALT 2nd Ed. machine sinking, soft and saturated material. Take extra precautions when working by discharge pipe. JSAs needed. Mobro 1706: Deck Captain discussed job tasks for the day and also discussed the "Watch the Edge" bulletin. Stretch and Flex exercises were conducted at both sites.

JSA DISCUSSIONS:

Fill Site: Working Light Plant, Fueling Equipment, Pulling Drag Bar, Moving Equipment with Forklift, Building & Maintaining Dikes. Mobro 1706: welding/cutting/burning - using torch, welding/cutting/burning - cut pipe out of ball, crane lifting, moving barges.

BEHAVIORAL OBSERVATIONS:

The Foreman and Dozers operators kept in good communication with each other while working along side each other working on building and maintaining containment.

SITE CONDITIONS & HOUSEKEEPING:

Today: cooler this morning in the 40's. High of 62. Intervals of clouds and sunshine. Night: Mostly cloudy with a passing shower late, Expected Lo: 57.

Housekeeping is being maintained by the crews throughout the project site.

GENERAL COMMENTS:

Conducted PS inspection on Mobro 1706 & Ohio River. Uploaded weekly equipment inspections into NS5. AB 113, ACB8 and ACB9 issues were added to the Predictive Solutions database. 2 JSA audits conducted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 402			
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 09 Apr 2018 - Monday			
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY				AVG VOL OF BIN WATER: <u>10,950</u> CY				AVG UNFILLED CAP: <u>3,828</u> CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK			
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		OCS West Borrow Area		OCS West Borrow Area				Ship Island		21,325		1,168,372			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				_____				GMS/LITER <u>1925</u>					
		DENSITY OF WATER				1025				GMS/LITER@ <u>37 °F</u>					
RIVER/TIDE STAGE		MIN 0		TIME 03:30		MAX 1		TIME 16:47		GAGE LOCATION Air Force Tower					
		MIN 0		TIME 04:34		MAX 1		TIME 17:58		GAGE DATUM 2					
WEATHER CONDITION		WEATHER				TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay				55 °F / 77 °F		8		14					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		9		30											
AFT		9		30											
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>						EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>12/08/2017</u>						PUMPING: 00:00 02:45 0.0									
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TURNING: 00:00 00:29 0.0							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP: 00:00 04:38 0.0							
GALLONS OF FUEL OIL CONSUMED				GAL		2,500		CONNECTING: 00:00 00:32 0.0							
GALLONS OF WATER CONSUMED				GAL		500		DUMPING: 00:00 05:49 0.0							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0									
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0							
2		21,325		Ship Island		0		LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0							
						LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0									
						MINOR OPERATING REPAIRS: 00:00 01:29 0.0									
						TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0									
						LAY TIME: 00:00 00:00 0.0									
						FIRE AND BOAT DRILLS: 00:00 00:00 0.0									
						MISCELLANEOUS: 00:00 03:13 0.0									
						TOTALS: 00:00 04:42 0.0									
ATTENDANT PLANT						LOST TIME:									
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0							
						CESSATION: 00:00 00:00 0.0									
						COLLISIONS: 00:00 00:00 0.0									
						TOTALS: 00:00 00:00 0.0									
						TOTAL TIME/MILES: 00:00 24:00 0.0									

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 402
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Apr 2018 - Monday

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template.

2 loads pumped on Ship Island today: 21,325 CY
 118 loads pumped on Ship Island to date: 1,168,372 CY

77 loads dug in OCS West Borrow Area to date: 814,855 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Five Delays Today:

- 145min - Bow winch repairs
- 33min - Thimble disconnected from delta plate
- 15min - Fill site line flush
- 14min - Articouple troubleshooting

SAFETY

PRE-SHIFT MEETING:

Bullgang/Derrick: Captain discussed weather, safety issues or concerns, Cpt/SSHO briefed Safety Alert and hazards of working on the water, Captain went over Job plans and working one tasks at a time to avoid complications and misunderstanding of task. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Bullgang: Loading Equipment onto Ramp Barge, Hot work; Working on Pipe, Housekeeping, Rigging

Fill Site: adding/breaking shore pipe, fueling equipment, working the light plant, moving equipment with forklift, pulling the drag bar.

BEHAVIORAL OBSERVATIONS:

Captain briefed Bullgang and Tug boat Captains how he wants things to be done. Captain explained to crew that they will do one tasks at a time and then transition to the next task after to avoid complications and misunderstanding of task to avoid an accident or incident. Good Safety brief along with hazard awareness from Captain.

SITE CONDITIONS & HOUSEKEEPING:

Today: Considerable cloudiness; High of 71. Night: Cloudy with showers in the area. Lo of 57 degrees.

Housekeeping is being maintained by the crews throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 403	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Apr 2018 - Tuesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West Borrow Area		OCS West Borrow Area		Ship Island	10,821	1,179,193	
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>				
	DENSITY OF WATER			1025	GMS/LITER@ <u>37 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	04:34	MAX	1	TIME	17:58
	MIN	0	TIME	05:09	MAX	1	TIME	20:09
GAGE LOCATION		Air Force Tower						
GAGE DATUM		2						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay		620 °F / 70 °F		10		17	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	9	30						
AFT					EFFECTIVE WORKING TIME:			
	9	30	PUMPING:	00:00	01:01	0.0		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:14	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	02:16	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				CONNECTING:	00:00	00:29	0.0	
		FT/MIN		DUMPING:	00:00	05:03	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:	00:00	00:40	0.0	
		FT/MIN		TO CUT:	00:00	03:02	0.0	
GALLONS OF FUEL OIL CONSUMED				TOTALS:	00:00	12:45	0.0	
		GAL		NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
		GAL		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
		2,500		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	MINOR OPERATING REPAIRS:	00:00	00:09	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
1	10,821	Ship Island	0	LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	11:06	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	11:15	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 403
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 Apr 2018 - Tuesday	

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template.

1 load pumped on Ship Island today: 10,821 CY
 119 loads pumped on Ship Island to date: 1,179,193 CY

78 loads dug in OCS West Borrow Area to date: 825,676 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

658min - Thimble disconnected from delta plate
 9min - Troubleshooting hydraulics on DH hoist
 8min - Supply/personnel transfer

SAFETY

PRE-SHIFT MEETING:

Bullgang/Derrick: Captain discussed weather and sea conditions, safety issues or concerns from yesterday, Job plans, priorities of work, fixing probe and cube, JSAs needed, Captain praised crew for their daily hard work, Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Bullgang: Loading Dozer onto Ramp Barge, Hot work; Working on Pipe, Housekeeping, Rigging, Moving Barges.

Fill Site: adding/breaking shore pipe, fueling equipment, working the light plant, moving equipment with forklift, pulling the drag bar.

BEHAVIORAL OBSERVATIONS:

Bullgang conducted safe work practices while working on the water fixing the probe and cube connections.

SITE CONDITIONS & HOUSEKEEPING:

Today: A blend of sun and clouds, High of 78. Night: Clear. Lo of 50 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

First Aid, CPR, AED & BBP training on the D. B. Mackie/Ellis tomorrow.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 404					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Apr 2018 - Wednesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	OCS West Borrow Area	OCS West Borrow Area		Ship Island	10,821	1,190,014						
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>37</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>						
	DENSITY OF WATER			1025		GMS/LITER@ <u>37 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:09	MAX	1	TIME	20:09				
	MIN	0	TIME	05:30	MAX	0	TIME	12:48				
GAGE LOCATION		Air Force Tower										
GAGE DATUM		2										
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		53 °F / 74 °F		10		14					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	01:09	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:10	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	02:27	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:17	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	1,300	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	300	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
1	10,821	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:34	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	18:05	0.0	
				TOTALS:					00:00	18:39	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 404
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Apr 2018 - Wednesday

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template.

1 load pumped on Ship Island today: 10,821 CY
 120 loads pumped on Ship Island to date: 1,190,014 CY

79 loads dug in OCS West Borrow Area to date: 836,497 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Two Delays Today:

1085min - Port dredge pump clutch solenoid and rotor seal

SAFETY

PRE-SHIFT MEETING:

Dredge: Captain/Mate briefed weather and sea condition, Safety issues or concerns from yesterday, Near Miss, Job tasks for the day, JSAs needed, Maintenance issues or concern, Dredge update, Site Safety to teach First Aid, CPR in the crew lounge this morning, Crew conducted stretch and flex exercises prior to work.

JSA DISCUSSIONS:

Dredge: Endangered Species Inspection, Inspecting/Cleaning Dragheads, Painting, Personnel Checking Dragheads, Using the Incinerator, Hot work - Welding, Cutting, Burning, Housekeeping/Sanitary,

BEHAVIORAL OBSERVATIONS:

Captain, AB & OS had good hands on training performing their First Aid, CPR, AED and BBP this morning. Learning BBP prevention, how to do chest compression & 2 rescue breathes, hooking up the AED pads to administering first aid to stop the bleeding. Good job.

SITE CONDITIONS & HOUSEKEEPING:

Today: Pleasant with plenty of sun, High of 78, Night: Clear. Lo of 56 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

First Aid, CPR, AED & BBP training on the D. B. Mackie/Ellis

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 405	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Apr 2018 - Thursday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 11,114	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,201,128	
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>				
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	05:30	MAX	0	TIME	12:48
	MIN	0	TIME	15:04	MAX	1	TIME	22:47
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Weather Caused No Delay		52 °F / 74 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:				
AFT		9	30	PUMPING:	00:00	00:47	0.0	
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:04	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0	
			1	DUMPING:	00:00	02:56	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:14	0.0	
			0	TO CUT:	00:00	02:07	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	06:08	0.0	
			1,000	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	17:52	0.0	
1	11,114	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	17:52	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 405
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Apr 2018 - Thursday

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template. Dredge began the day down for solenoid and rotor seal repairs. Repairs completed at 1755 and resumed pumping on subline #2.

1 load pumped on Ship Island today: 11,114 CY
121 loads pumped on Ship Island to date: 1,201,128 CY

80 loads dug in OCS West Borrow Area to date: 847,611 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

One Delay Today:

1072min - Port dredge pump clutch solenoid and rotor seal repair

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Captain discussed weather and sea conditions, Dredge updates, safety or mechanical issues that need addressing, Job plans, priorities of work, JSAs needed, Safety and Captain briefed Near Miss, Safety Alert and discussed Spring Break traffic off of Hwy 90/Beach Blvd. Watch for pedestrians crossing everywhere except the cross walks. Avoid turkey necking to eliminate rear end collisions. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Derrick/Bullgang; Housekeeping, Moving Barges, Hot work, Crane Lifting

BEHAVIORAL OBSERVATIONS:

Captain and Safety conducted a safety walk through on the AB 113 finding and correcting deficiencies as we checked the barge out. Crews working safely, not getting complacent and wearing correct PPE for the job.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny, High of 74, Night: Mostly clear. Lo of 52 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

Weekly Operations Meeting
P.S. Inspections of AB 113 & Mobro 1706
Worked off deficiencies of AB 113, Dredge/Mackie

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 406
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Apr 2018 - Friday

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping on subline #2 onto Ship Island. Fill operations currently filling bay area behind contract template. At 1840 the dredge sailed to Gulfport due to rough seas.

2 loads pumped on Ship Island today: 20,535 CY
123 loads pumped on Ship Island to date: 1,221,663 CY

82 loads dug in OCS West Borrow Area to date: 868,146 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Six Delays Today:

- 190min - Sail to Port of Gulfport due to weather
- 75min - Repairs to port dredge engine clutch
- 56min - Extended line flush
- 44min - Repair leak in dump door hydraulic system
- 27min - Inspect jet pump
- 9min - Barge hydraulic system low oil alarm shutdown

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Captain discussed bad weather coming, communication, job plans for the next couple of days, priorities of work, rigging crews and certification process for crews who need it, using gangway to transfer from barge to barge, housekeeping, working off P.S. deficiencies, SSHO read Hazards Spill response and reporting, discussed Near Miss on the Dredge, have a detailed plan when making a lift, good communication between all parties. responsibilities of Cpt. and crew. Crew conducted stretch n flex exercises and SHAKE.

JSA DISCUSSIONS:

Derrick/Bullgang; Housekeeping, Operating Heavy Equipment & Forklift, Hot work, Crane Lifting,

Dredge: Using the Incinerator, Personnel Transfer, Inspecting/Cleaning Dragheads, Connecting/Disconnecting to the Cube, Anchoring Operations, Painting, Housekeeping/Sanitary, Pulling and Stowing Mooring Lines.

BEHAVIORAL OBSERVATIONS:

Bullgang: Captain made crew use gangway to transfer back and forth instead of using boarding stations between Derrick, AB 113 and Ramp barges, making it a safer way to transfer and helpful to crew being able to carry things over without the need to hand it over and step across the tires. Good call.

Dredge: Observed crew hooking up to the cube. No deficiencies noted while crew was conducting the task. JSA, PPE and good communication between all parties involved.

SITE CONDITIONS & HOUSEKEEPING:

Today: Breezy with intervals of clouds and sunshine. Strong winds picking up. High of 78, Night: Rather cloudy, breezy and warm. Lo of 71 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO conducted a walk around on the tug D. B. Mackie, Checked on PS deficiencies and updated P.S.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 407			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Apr 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,221,663			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	05:46	MAX	0	TIME	12:27		
	MIN	0	TIME	16:47	MAX	1	TIME	00:08		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused Critical Delay		60 °F / 75 °F		3		23			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:				00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:				00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	00:00	0.0
		1		CONNECTING:				00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	00:00	0.0
		0		DISCONNECTING:				00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	00:00	0.0
		530		TOTALS:				00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:						
		250		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:				00:00	24:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0
				MINOR OPERATING REPAIRS:				00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0
				LAY TIME:				00:00	00:00	0.0
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:				00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:				00:00	24:00	0.0
				LOST TIME:						
				MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
				CESSATION:				00:00	00:00	0.0
				COLLISIONS:				00:00	00:00	0.0
				TOTALS:				00:00	00:00	0.0
				TOTAL TIME/MILES:				00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 407
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Apr 2018 - Saturday

GENERAL COMMENTS

Dredge was at Port of Gulfport all day due to weather.

0 loads pumped on Ship Island today: 0 CY

123 loads pumped on Ship Island to date: 1,221,663 CY

82 loads dug in OCS West Borrow Area to date: 868,146 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Captain discussed bad weather coming, safety concerns, housekeeping on barges, communication between Site Safety and crew, maintenance issues, job plans and priorities of work, SSHO discussed IIF Safetynet, practice makes perfect, Quantitative and Qualitative measures, Safety Leadership, New Hire program, Mentorship from the Whiskey Island SLT project, Crew conducted stretch n flex exercises and SHAKE.

JSA DISCUSSIONS:

Derrick/Bullgang; Housekeeping, Fueling Equipment, Operating Heavy Equipment & Forklift, Hot work, Crane Lifting,

BEHAVIORAL OBSERVATIONS:

Captain had crew leave early to get out of the bad weather that struck fairly quick. Tornado sirens going on, Flash flooding around the area, Thunder storms and strong winds. Good safety call.

SITE CONDITIONS & HOUSEKEEPING:

Today: A few thunderstorms, some severe, storms can bring flooding and damaging winds. High of 76, Night: A few evening t-storms, some severe, watch for flash floods in the area late. Lo of 48 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

Everyone be careful out there.

Flash Flood warning!

Tornado Warning!

Power outages

Severe Thunderstorms!

Strong Winds!

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 408
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Apr 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	0	1,221,663
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:46	MAX	0	TIME	12:27	GAGE LOCATION Air Force Tower
	MIN	0	TIME	16:47	MAX	1	TIME	00:08	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	48 °F / 62 °F	8	21

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	01:42	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	02:41	0.0
			1	CONNECTING:	00:00	00:17	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	02:18	0.0
			0	DISCONNECTING:	00:00	00:11	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:45	0.0
			1,500	TOTALS:	00:00	08:21	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	04:28	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	11:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:11	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	15:39	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 408
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Apr 2018 - Sunday

GENERAL COMMENTS

Dredge began the day in Gulfport due to weather. Around 1100, the dredge broke dock and sailed back to OCS West and resumed operation at 1530. Load was completed after midnight.

0 loads pumped on Ship Island today: 0 CY
123 loads pumped on Ship Island to date: 1,221,663 CY

82 loads dug in OCS West Borrow Area to date: 868,146 CY
41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Three Delays Today:

660min - At dock in Gulfport for weather
268min - Sail back to OCS West
11min - Vosta testing

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Derricks, the Captain gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain discussed proper wear of PPE and conducting good JSA's when doing their tasks. SSHO discussed "Practice makes Perfect" bulletin that was sent out and opened it up to questions on how to make tasks safer. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Replacing wire rope on the Anchor Barge; Housekeeping; Hot Work (Welding/Cutting/Grinding).

BEHAVIORAL OBSERVATIONS:

SSHO observed crews strapping pipe together that came apart during the previous day of foul weather. Other tasks that crews had was to change wire rope on the Anchor Barge. Conducted a walk around on the derricks and welding yard.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 64. Partly Cloudy. Night: Mostly Clear, Expected Lo: 44 degrees.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

Updated Derricks ERP and posted updated Emergency Phone Number sheet.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 409
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Apr 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	21,117	1,242,780
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN 1	TIME 05:59	MAX 1	TIME 03:17	GAGE LOCATION Air Force Tower
	MIN 0	TIME 19:44	MAX 1	TIME 11:05	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	47 °F / 72 °F	8	14

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			
AFT		9	30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:26
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:44
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	05:19
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:23
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DUMPING:	00:00	05:17
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:14
WORK PERFORMED				TO CUT:	00:00	03:45
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	18:08
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:		
2	21,117	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00
				MINOR OPERATING REPAIRS:	00:00	03:20
				TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	02:32
				TOTALS:	00:00	05:52
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	21,117	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 409
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Apr 2018 - Monday

GENERAL COMMENTS

Dredge began the day in Gulfport due to weather. Around 1100, the dredge broke dock and sailed back to OCS West and resumed operation at 1530. Load was completed after midnight.

2 loads pumped on Ship Island today: 21,117 CY
 125 loads pumped on Ship Island to date: 1,242,780 CY

84 loads dug in OCS West Borrow Area to date: 889,263 CY
 41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Four Delays Today:

- 200min - Port main engine shutdown alarms for clutch, gearbox, and CPP
- 93min - Clean out gland seal pump
- 45min - Vosta testing
- 14min - Replace keeper on delta plate

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Derricks, the Captain gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain discussed air pressure (PSI) on the loader and pumping the bay berm. SALT discussion was on Air/Pneumatic Pressure hazards. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Adding, Breaking and Moving Pipe; Building and Maintaining Dikes; Working the Light Plants; Fueling Equipment; Housekeeping; Hot Work.

BEHAVIORAL OBSERVATIONS:

SSHO observed Operators conducting proper preventive maintenance - no deficiencies noted. Observed operators building and maintaining dikes - no deficiencies noted and good communication maintained between the operators.

SITE CONDITIONS & HOUSEKEEPING:

Today: Clear with a high of 67. Night: Clear, Expected Lo: 41 degrees.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 410		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 Apr 2018 - Tuesday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 22,400	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,265,180		
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>					
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	1	TIME	05:59	MAX	1	TIME	03:17	
	MIN	0	TIME	19:44	MAX	1	TIME	11:05	
	GAGE LOCATION			Air Force Tower					
	GAGE DATUM			NAVD88					
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		47 °F / 72 °F		10		14		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30					
AFT		9		30					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>									
INDICATORS LAST CHECKED ON <u>12/08/2017</u>									
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN						
			1						
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN						
			0						
GALLONS OF FUEL OIL CONSUMED			GAL						
			2,800						
GALLONS OF WATER CONSUMED			GAL						
			500						
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	00:00 00:00 0.0					
2	22,400	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:					
				00:00 00:00 0.0					
				LOSS DUE TO NATURAL ELEMENTS:					
				00:00 00:00 0.0					
				LOSS DUE TO TRAFFIC AND BRIDGES					
				00:00 00:00 0.0					
				MINOR OPERATING REPAIRS:					
				00:00 04:57 0.0					
				TRANSFERRING BETWEEN WORKS:					
				00:00 00:00 0.0					
				LAY TIME:					
				00:00 00:00 0.0					
				FIRE AND BOAT DRILLS:					
				00:00 00:00 0.0					
				MISCELLANEOUS:					
				00:00 02:43 0.0					
				TOTALS:					
				00:00 07:40 0.0					
ATTENDANT PLANT				LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				
					00:00 00:00 0.0				
					CESSATION:				
					00:00 00:00 0.0				
					COLLISIONS:				
					00:00 00:00 0.0				
					TOTALS:				
					00:00 00:00 0.0				
					TOTAL TIME/MILES:				
					00:00 24:00 0.0				

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 410
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Apr 2018 - Tuesday

GENERAL COMMENTS

Dredge continued digging in OCS West and pumping out on subline #2 on Ship Island

2 loads pumped on Ship Island today: 22,400 CY

127 loads pumped on Ship Island to date: 1,265,180 CY

86 loads dug in OCS West Borrow Area to date: 911,663 CY

41 loads dug in Horn Island Pass Borrow Area to date: 353,517 CY

Five Delays Today:

152min - Troubleshooting jet pump motor

163min - Vosta Testing (Two Delays)

145min - Troubleshooting port main engine clutch malfunction (two delays)

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Derricks, the Crane Operator gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Crane operator discussed housekeeping and the daily crane lifts. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Crane Lift; Housekeeping.

BEHAVIORAL OBSERVATIONS:

SSHO observed Operators conducting lifts with crew - no deficiencies noted. Observed operator conducting housekeeping around the welders year - no deficiencies noted.

SITE CONDITIONS & HOUSEKEEPING:

Today: Clear with a high of 73. Night: Clear

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 411
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 18 Apr 2018 - Wednesday	

GENERAL COMMENTS

Dredge began digging in HIP #3 today. Continued pumping on subline#2.

2 loads pumped on Ship Island today: 21,432 CY
129 loads pumped on Ship Island to date: 1,286,612 CY

86 loads dug in OCS West Borrow Area to date: 911,663 CY
43 loads dug in Horn Island Pass Borrow Area to date: 374,949 CY

Seven Delays Today:

- 78min - Port main engine clutch
- 42min - Number 1 discharge bay won't open (two delays)
- 40min - Slow bell for testing STBD main engine
- 34min - Clear #1 collection line of sand before digging
- 4min - Fouled bridle
- 3min - Vosta calibration

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Tug Mackie, the Mate gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Mate discussed general house keeping and competing assigned tasks safely. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Crane Lift; Housekeeping/Sanitary; Connecting/Disconnecting to the Cube; Inspecting/Cleaning Dragheads; Checking Dragarms; Hot Work - Welding, Cutting, Grinding; Using the Incinerator.

BEHAVIORAL OBSERVATIONS:

Conducted a walk through on the Ellis Island and the Tug Douglas Mackie - Minor deficiencies noted and fixed on the spot. Conducted rigging inspection on board the Ellis Island - rigging looks good, no deficiencies to report.

SITE CONDITIONS & HOUSEKEEPING:

Today: Clear with a high of 77. Night: Clear, Expected Lo: 63 degrees.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

Conducted rigging gear inspection with crew

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 412
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Apr 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	31,569	1,318,181
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	22:54	MAX	1	TIME	12:47	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	57 °F / 81 °F	10	14

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:37	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	01:05	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	05:48	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:37	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,800	DUMPING:	00:00	04:55	0.0
GALLONS OF WATER CONSUMED		GAL	300	DISCONNECTING:	00:00	00:24	0.0
WORK PERFORMED				TO CUT:	00:00	04:13	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	20:39	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
3	31,569	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	03:13	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:08	0.0
				TOTALS:	00:00	03:21	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 412
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Apr 2018 - Thursday

GENERAL COMMENTS

Dredge dug one load in OCS West and two loads in HIP 3. Continued pumping on subline#2.

3 loads pumped on Ship Island today: 31,569 CY
 132 loads pumped on Ship Island to date: 1,318,181 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 45 loads dug in Horn Island Pass Borrow Area to date: 396,192 CY

Five Delays Today:

162min - Troubleshooting main engine electrical issues (three delays)
 31min - Power loss on barge
 8min - Supply/personnel transfer

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the derrick, the Captain gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain discussed implementing safety while conducting tasks. SSHO discussed "Man Overboard" and reminded crews about distracted driving. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Crane Lift; Housekeeping; Connecting/Disconnecting pipe; Hot Work - Welding, Cutting, Grinding.

BEHAVIORAL OBSERVATIONS:

Conducted a walk through of the Derrick - No deficiencies noted. Observed welders conducting hot work task - no deficiencies noted.

SITE CONDITIONS & HOUSEKEEPING:

Today: Clear with a high of 79. Night: Clear, Expected Lo: 51 degrees.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

Conducted CPR/AED/Blood Bourne Pathogens on board the Douglas Mackie, trained 6 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 268 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 413			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Apr 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,826	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,339,007			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			48 °F / 70 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	01:22	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:14	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	01:56	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	04:53	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	00:30	0.0		
WORK PERFORMED					TO CUT:	00:00	03:19	0.0		
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	12:32	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
2	20,826	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	04:52	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	06:36	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	11:28	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 413
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Apr 2018 - Friday

GENERAL COMMENTS

Dredge continued digging in HIP 3. Continued pumping on subline #2. Dredge went to anchor at 17:00, dredge went to anchor for booster repair and troubleshooting barge blackout issues.

2 loads pumped on Ship Island today: 20,826 CY
 134 loads pumped on Ship Island to date: 1,339,007 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 47 loads dug in Horn Island Pass Borrow Area to date: 417,018 CY

Eight Delays Today:

- 364min - At anchor for booster repairs and troubleshooting blackout issues
- 137min - Testing main engine and autopilot
- 132min - Loss of power on barge
- 23min - Cycling bottom dump doors
- 14min - Supply/personnel transfer
- 7min - Booster starting engines
- 6min - Hose on top of subline
- 5min - Dump doors not building up pressure

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the derrick, the Captain gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain discussed housekeeping and maintaining safety and operations. SSHA discussed "Bee Sting Hazards" and hydration. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Crane Lift; Moving Barges; Fuel Equipment; Moving Heavy Equipment with Forklift; Housekeeping; Connecting/Disconnecting pipe; Hot Work - Welding, Cutting, Grinding.

BEHAVIORAL OBSERVATIONS:

Observed crew bringing pipe onto the derrick to make connections - Captain directed crew keeping good communications and everyone well informed - No deficiencies noted. Observed welders conducting hot work task - no deficiencies noted. Ensure crew is staying hydrated.

SITE CONDITIONS & HOUSEKEEPING:

Today: Clear with a high of 69. Night: Clear, Expected Lo: 48 degrees.

Crews are maintaining good housekeeping throughout the project site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 414			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Apr 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,339,007			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			52 °F / 75 °F		8		22		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1	CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			2,000	TOTALS:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
						MINOR OPERATING REPAIRS:		00:00	24:00	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	24:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 414
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 21 Apr 2018 - Saturday	

GENERAL COMMENTS

Dredge remained in borrow area HIP 3 waiting for repairs to the booster's No. 2 pump sleeve and to add on the Liberty elbow onto the starboard bow. Booster expected to be back in line by Monday morning. Dredge continued to troubleshoot blackout issues.

0 loads pumped on Ship Island today: 0 CY
 134 loads pumped on Ship Island to date: 1,339,007 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 47 loads dug in Horn Island Pass Borrow Area to date: 417,018 CY

SAFETY

PRE-SHIFT MEETING:
 Mobro 1706/Wadmalaw: Deck Captain/Chief Engineer discussed job tasks for the day. Also emphasized good communication and safety between all crews involved in the day's tasks. Stretch and flex exercises conducted.

JSA DISCUSSIONS:
 Mobro 1706/Wadmalaw: Crane lift, moving barges, hot work, remove front door from main pump, remove/replace front door liner, remove impeller from main pump.

BEHAVIORAL OBSERVATIONS:
 Observed the Bullgang, Wadmalaw crew and tug boats utilizing good communication and safe work practices while performing multiple crane lifts and job tasks. Welders who were performing hot work operations had their permits filled out and posted.

SITE CONDITIONS & HOUSEKEEPING:
 Windy conditions today with daytime highs in the mid 70s. The Mobro 1706/Wadmalaw crews are doing a good job of maintaining housekeeping in their respective work areas.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 415					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Apr 2018 - Sunday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,339,007				
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>							
	DENSITY OF WATER				GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33				
	MIN	0	TIME	01:24	MAX	1	TIME	14:23				
GAGE LOCATION		Air Force Tower										
GAGE DATUM		NAVD88										
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		64 °F / 80 °F		7		22					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
		9		30								
AFT		9		30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	500	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	300	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	07:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	07:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	17:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	17:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 415
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 Apr 2018 - Sunday

GENERAL COMMENTS

Dredge remained in borrow area HIP 3 waiting for repairs to the booster's No. 2 pump sleeve and to add on the Liberty elbow onto the starboard bow.

The dredge lifted anchors at 0700 and sailed to Gulfport to work while booster repairs ongoing. Dredge is now off-contract.

0 loads pumped on Ship Island today: 0 CY
 134 loads pumped on Ship Island to date: 1,339,007 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 47 loads dug in Horn Island Pass Borrow Area to date: 417,018 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Wadmalaw: Deck Captain/Chief Engineer discussed job tasks for the day. SSHO stressed good communication and safety between all crews involved in the day's tasks. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mobro 1706/Wadmalaw: Buff lock rings, Crane lift, moving barges, bolting flanges using crane, installing impeller on main pump, installing liner on pump door, installing pump door.

BEHAVIORAL OBSERVATIONS:

Observed the Bullgang utilizing good communication and safe work practices while working on the booster elbow. Observed the Oiler on the Booster wearing all required PPE while using the grinder to buff the lock rings. Observed crews working safely while installing the impeller on the main pump.

SITE CONDITIONS & HOUSEKEEPING:

Rainy conditions today with daytime highs in the mid 70s. The Mobro 1706/Wadmalaw crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

Conducted JSA audit.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 416
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Apr 2018 - Monday

GENERAL COMMENTS

Dredge remained off-contract while booster repairs ongoing to the No. 2 pump sleeve and to add on the Liberty elbow onto the starboard bow.

Late in the day the dredge began sailing back to HIP #3 to resume operations.

0 loads pumped on Ship Island today: 0 CY
 134 loads pumped on Ship Island to date: 1,339,007 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 47 loads dug in Horn Island Pass Borrow Area to date: 417,018 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Mobro and the Tug Mackie, the Captains gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Captain on the Tug Mackie discussed daily tasks. Captain on the Mobro discussed crane safety. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Crane Lift; Housekeeping/Sanitary; Connecting/Disconnecting pipe; Change out Anchor Wire; Hot Work - Welding, Cutting, Grinding; Painting; Inspecting/Cleaning Drag Heads; Using Incinerator.

BEHAVIORAL OBSERVATIONS:

Conducted a walk through of the Booster and Derrick - Minor deficiencies noted and fixed on the spot. Observed divers setting up and enter the water due to a wheel jam - no deficiencies noted. Observed welders wearing all required PPE while conducting hot work.

SITE CONDITIONS & HOUSEKEEPING:

Today: Partly Cloudy with a high of 73. Night: Partly Cloudy, Expected Lo: 58 degrees.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO conducted Fall Protection and Hot Work training with 9 crew on the Dredge. SSHO updated SDS on board the Booster Madwalaw.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 417
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Apr 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	10,370	1,349,377
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	54 °F / 81 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	02:18	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:16	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	03:20	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:33	0.0
			1	DUMPING:	00:00	04:13	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:30	0.0
			0	TO CUT:	00:00	02:30	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	13:40	0.0
			3,031	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
1	10,370	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	10:20	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	10:20	0.0
				LOST TIME:			

				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 417
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 24 Apr 2018 - Tuesday	

GENERAL COMMENTS

The Ellis reached the HIP 3 Borrow Area and began digging at 0402. It made it back to the pumpout at approximately 0700 and waited for the bullgang to finish putting the Wadmalaw back in line. The dredge was able to begin pumping water to the Wadmalaw to check for leaks at 1252.

1 load pumped on Ship Island today: 10,370 CY
 135 loads pumped on Ship Island to date: 1,349,377 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 48 loads dug in Horn Island Pass Borrow Area to date: 427,388 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Fill Site, the Foreman gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Foreman discussed daily tasks, equipment inspections and the MOB incident alert. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Refueling Equipment; Working Light Plants; Preventive Maintenance on Equipment; Move Equipment with Forklift.

BEHAVIORAL OBSERVATIONS:

Observed operator conducting preventive maintenance and inspection on the D7 dozer. Observed crews transferring wearing all required PPE and following GLDD's transfer policy.

SITE CONDITIONS & HOUSEKEEPING:

Today: Partly Cloudy with a high of 76. Night: Clear, Expected Lo: 55 degrees.
 Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO conducted initial inspection on the D7 Dozer GL697.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 418			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 Apr 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 31,888	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,381,265			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			55 °F / 84 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:33	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:52	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:43	0.0	
			1		CONNECTING:		00:00	00:39	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:47	0.0	
			0		DISCONNECTING:		00:00	00:37	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:23	0.0	
			2,800		TOTALS:		00:00	21:34	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	31,888	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	02:00	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:26	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:26	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 418
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Apr 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging HIP #3 and pumping on subline #2.

3 loads pumped on Ship Island today: 31,888 CY

138 loads pumped on Ship Island to date: 1,381,265 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY

51 loads dug in Horn Island Pass Borrow Area to date: 451,276 CY

Three Delays Today:

120min - Maintenance on both main engines and dragarm hydraulic testing

23min - Calibratiing dragarms

3min - Fouled pickup line

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings on the Fill Site, the Foreman gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Foreman discussed daily tasks, equipment inspections and the MOB incident alert. Stretch/flex and SHAKE exercise was performed at the conclusion of the meetings.

JSA DISCUSSIONS:

Personnel Transfer; Refueling Equipment; Working Light Plants; Preventive Maintenance on Equipment; Move Equipment with Forklift.

BEHAVIORAL OBSERVATIONS:

Observed operator conducting preventive maintenance and inspection on the D7 dozer. Observed crews transferring wearing all required PPE and following GLDD's transfer policy.

SITE CONDITIONS & HOUSEKEEPING:

Today: Partly Cloudy with a high of 76. Night: Clear, Expected Lo: 55 degrees.

Crews are maintaining good housekeeping throughout the project site.

GENERAL COMMENTS:

SSHO conducted initial inspection on the D7 Dozer GL697.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 419
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Apr 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West Borrow Area	OCS West Borrow Area	Ship Island	32,106	1,413,371
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	59 °F / 68 °F	10	18

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT				EFFECTIVE WORKING TIME:			
		9	30	PUMPING:	00:00	04:15	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	01:27	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	03:50	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:31	0.0
			1	DUMPING:	00:00	05:13	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:31	0.0
			0	TO CUT:	00:00	05:11	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	20:58	0.0
			2,546	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
3	32,106	Ship Island	0	MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			
				TOTALS:			
				00:00	00:22	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 419
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Apr 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging HIP #3 and pumping on subline #2. Ellis sailed back to OCS West Borrow Area to dig at 22:10 in order to avoid sitting on the dragheads in the shallow areas of HIP 3.

3 loads pumped on Ship Island today: 32,106 CY
 141 loads pumped on Ship Island to date: 1,413,371 CY

87 loads dug in OCS West Borrow Area to date: 921,989 CY
 54 loads dug in Horn Island Pass Borrow Area to date: 483,382 CY

Three Delays Today:

- 160min - Hydraulic fluid leak in port tunnel supply line
- 17min - Fill site line flush
- 5min - Fill site crew change

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed weather, safety issues or concerns from previous day, job plans and JSAs needed. Safety discussed working on MOB drills, Captain and crew already had a dummy made up of rope and a Norwegian Buoy for a head to practice throwing a life ring. Crew conducted stretch and flex exercises and SHAKE hand and eye drills prior to work.

JSA DISCUSSIONS:

Bull-gang: Welding, Cutting, Burning; Bolting Bells, Balls and Flanges; Crane Lifting; Moving Barges

BEHAVIORAL OBSERVATIONS:

Observed operator conducting preventive maintenance and inspection on the D7 dozer. Observed crews transferring wearing all required PPE and following GLDD's transfer policy.

SITE CONDITIONS & HOUSEKEEPING:

Today: Clouds giving away to some sun. High of 76, Night: Partly cloudy. Lo of 53 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO/Management had our Weekly Operations Meeting

First Aid, CPR, AED & BBP training for (1) Bullgang and (1) Booster personnel in Office at 0600 hrs. Anyone else needing it feel free to stop in or set up a time.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 420			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Apr 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 21,830	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,435,201			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			55 °F / 78 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	02:41	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:24	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	07:03	0.0	
			1	CONNECTING:		00:00	00:44	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	06:17	0.0	
			0	DISCONNECTING:		00:00	00:30	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:11	0.0	
			3,117	TOTALS:		00:00	21:50	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	21,830	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	01:53	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:17	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:10	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 420
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Apr 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #2.

2 loads pumped on Ship Island today: 21,830 CY

143 loads pumped on Ship Island to date: 1,435,201 CY

89 loads dug in OCS West Borrow Area to date: 943,819 CY

54 loads dug in Horn Island Pass Borrow Area to date: 483,382 CY

Five Delays Today:

86min - Cleaning hopper and collection lines

17min - Fill site line flush

13min - Lost STBD shaft generator

10min - STBD main engine maintenance

4min - Waiting on dredge pump

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed weather, safety concerns or issues from day prior, Job plans and JSAs needed, SSHO/Cpt discussed EAP brochure, SLT meeting and Incident Alert w/crews. Working on a MOB plan/drill with Captain and crew. Crew conducted stretch and flex exercises and S.H.A.K.E, hand and eye coordination drills prior to work.

JSA DISCUSSIONS:

Bull-gang: Welding, Cutting, Burning; Bolting Bells, Balls and Flanges; Crane Lifting; Moving Barges

BEHAVIORAL OBSERVATIONS:

Bullgang crews working safely working while crane was lifting float hoses and putting them on the Derrick/barge. Crews had JSAs, detailed plan and good communication between crane operator and signalman/crew. Crews stayed out of the Red Zone of the Crane's swing radius.

SITE CONDITIONS & HOUSEKEEPING:

Today: Pleasant with sun and clouds. High of 77, Night: Clear. Lo of 55 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO conducted First Aid, CPR, AED & BBP training for Bullgang

Management, PE, SSHO & SA went over Severe weather plan and Safety Week.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 421			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Apr 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 21,515	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,456,716			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			53 °F / 80 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	02:47	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	04:45	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:15	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	2,006	DUMPING:		00:00	02:27	0.0
GALLONS OF WATER CONSUMED				GAL	300	DISCONNECTING:		00:00	00:39	0.0
WORK PERFORMED					TO CUT:		00:00	03:50	0.0	
DREDGING AND HAULING			AGITATING		TOTALS:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
2	21,515	Ship Island	0		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	08:14	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:36	0.0	
					TOTALS:		00:00	08:50	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 421
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 28 Apr 2018 - Saturday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #2.

2 loads pumped on Ship Island today: 21,515 CY

145 loads pumped on Ship Island to date: 1,456,716 CY

91 loads dug in OCS West Borrow Area to date: 965,334 CY

54 loads dug in Horn Island Pass Borrow Area to date: 483,382 CY

Four Delays Today:

446min - STBD dredge pump engine won't clutch in

38min - AFE2 filter residence trip on the multidrive

36min - Supply transfer

10min - Jet pump engine won't clutch in

SAFETY

PRE-SHIFT MEETING:

Douglas B. Mackie/Ellis Island: Captain/Mate pre-shift discussions included weather, sea conditions, safety issues or concerns from yesterday, JSAs and scope of work, Reviewed Incident Alert on Crane equipment damage with crew, maintenance, housekeeping. SSHO will be conducting training in the morning and after lunch. Crew conducted stretch and flex exercises.

JSA DISCUSSIONS:

Working with Impact; Make sure your A&Q user. Using the incinerator; Personnel Transfer; Connecting/Disconnecting the Cube; Inspecting and Cleaning Dragheads; Painting; Housekeeping/Sanitary.

BEHAVIORAL OBSERVATIONS:

Crews on the Mackie/Ellis conducted Hot work, Fall Prevention & Protection along with getting trained and certified in First Aid, CPR, AED and BBP despite the noise levels in the crew lounge this morning and afternoon. Good hands on and participation from everyone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Warm, mostly sunny, High of 80 with a real feel of 89, Night: Clear. Lo of 59 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO conducted Hot work, Fall Prevention/Protection, First Aid, CPR, AED & BBP training for the D. B. Mackie/Ellis Island

Updated Training Matrix

Conducted P.S. Inspections on Mackie/Ellis

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 422			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Apr 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 11,114	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,467,830			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			55 °F / 83 °F		9		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	01:21	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:14	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	01:50	0.0	
			1	CONNECTING:		00:00	00:14	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	02:24	0.0	
			0	DISCONNECTING:		00:00	00:28	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	01:59	0.0	
			1,838	TOTALS:		00:00	08:30	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			630	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	11,114	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	15:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:30	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	15:30	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 422
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Apr 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #2.

1 load pumped on Ship Island today: 11,114 CY

146 loads pumped on Ship Island to date: 1,467,830 CY

92 loads dug in OCS West Borrow Area to date: 976,448 CY

54 loads dug in Horn Island Pass Borrow Area to date: 483,382 CY

Four Delays Today:

630min - STBD dredge pump won't clutch in

181min - Ingeteam support remoted into multidrive

89min - Swell compensator sensor error

30min - Stowing anchor

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain gave crew the opportunity to bring up safety issues or concerns from yesterday. Tidy up/housekeeping must be done daily and as you go to eliminate trip and fall hazards. Incident Alert was discussed with crane barge 1700, Safety discussed PPE condition and to replace worn out items, Captains/SSHO discussed doing a MOB drill with crew after stretching. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Putting swivel back together for the probe and working on the Cube. Hot work: repair pad eye on tug boat, welding, cutting & burning; Crane Lift; Housekeeping; Removing trip and fall hazards on deck.

BEHAVIORAL OBSERVATIONS:

Captain/SSHO conducted MOB drill with the Tug boat Captains & Bullgang crew. A dummy was thrown in and Man Overboard was yelled. Crew with radios call out to the tugs and other crew MOB. Crews reacted quickly by grabbing a life ring and pick hook while someone kept an eye on the person. Life ring was tossed and Dummy was saved. Crew discussed the good and bad of what happened and didn't happen. Working progress. Good job!

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny and comfortable, High of 83 with a real feel of 89, Night: Clear. Lo of 55 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO/Captain conducted MOB drill on the Mobro 1706

Upload Equipment Inspections into NS5 - Hopefully if it cooperates

Hazard hunt on the Barges

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 423		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Apr 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West Borrow Area		REACH DREDGED; STA TO STA OCS West Borrow Area		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 22,087	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,489,917		
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>			
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33		
	MIN	0	TIME	01:24	MAX	1	TIME	14:23		
				GAGE LOCATION		Air Force Tower				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			55 °F / 80 °F		10		15		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	02:44	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:22	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:20	0.0	
			1		CONNECTING:		00:00	00:52	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	08:01	0.0	
			0		DISCONNECTING:		00:00	00:48	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:27	0.0	
			3,581		TOTALS:		00:00	21:34	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	22,087	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	00:17	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	02:09	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:26	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 423
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Apr 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #2. The dredge dug the last load of the day in HIP3.

2 loads pumped on Ship Island today: 22,087 CY

148 loads pumped on Ship Island to date: 1,489,917 CY

93 loads dug in OCS West Borrow Area to date: 987,456 CY

55 loads dug in Horn Island Pass Borrow Area to date: 502,461 CY

Three Delays Today:

122min - Bow winch leaking

17min - Tripped hydraulic breaker

7min - Supply transfer

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain gave crew the opportunity to bring up safety issues or concerns from yesterday. Temperatures are picking up, drink plenty of fluids, and use sunscreen to protect yourselves from the elements. Job plans & JSAs discussed, Work off P.S. Open issues and maintenance on equipment. Tidy up afterwards. Remove trip hazards on deck. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Bullgang: Crane Lifts, Hot work: Welding, Cutting, Burning: Housekeeping.

BEHAVIORAL OBSERVATIONS:

Captain/SSHO conducted MOB drill with the Tug boat Captains & Bullgang crew. A dummy was thrown in and Man Overboard was yelled. Crew with radios call out to the tugs and other crew MOB. Crews reacted quickly by grabbing a life ring and pick hook while someone kept an eye on the person. Life ring was tossed and Dummy was saved. Crew discussed the good and bad of what happened and didn't happen. Working progress. Good job!

SITE CONDITIONS & HOUSEKEEPING:

Today: Nice with plenty of sunshine, High of 79 with a real feel of 89, Night: Partly Cloudy. Lo of 62 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO/Captain conducted MOB drill on the Mobro 1706

Upload Equipment Inspections into NS5

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 424
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 May 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	32,462	1,522,379
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	70 °F / 80 °F	10	18

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:22	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	01:35	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	04:36	0.0
			1	CONNECTING:	00:00	00:35	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:18	0.0
			0	DISCONNECTING:	00:00	00:34	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	04:33	0.0
			2,500	TOTALS:	00:00	19:33	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	32,462	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	04:07	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:20	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:27	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 424
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 May 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging HIP3 and pumping on subline #2. Due to unfavorable weather conditions, the dredge returned to OCS West. In the evening hours, the dredge and tug experienced two blackouts and halted operations to troubleshoot. At anchor for the remainder of the day.

3 loads pumped on Ship Island today: 32,462 CY
 151 loads pumped on Ship Island to date: 1,522,379 CY

94 loads dug in OCS West Borrow Area to date: 998,315 CY
 57 loads dug in Horn Island Pass Borrow Area to date: 524,064 CY

Six Delays Today:

- 234min - Tug and barge blackout (two delays)
- 13min - Testing bottom dump doors
- 12min - Crane lift for stores
- 5min - Crew boat transfer
- 3min - Remove line from assist tug

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain gave crew the opportunity to bring up safety issues or concerns, Job plans, JSAs needed, Unloading trucks as they come in. Use tag line, ground guides as necessary, Keep yourself hydrated, don't be in a rush, or get complacent. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Bullgang: Using Heavy Equipment to unload trucks; Crane Lifts,
 Hot work: Welding, Cutting, Burning; Housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Humid with intervals of clouds and sunshine, breezy this afternoon. High of 81 with a real feel of 85, Night: Partly Clear to partly cloudy. Lo of 68 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO setting up a Nutritionist with the Salvation Army for Safety Week.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 425
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 May 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	0	1,522,379
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	66 °F / 81 °F	10	17

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			
AFT		9	30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	TO DUMP:	00:00	00:00	0.0
		1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DUMPING:	00:00	00:00	0.0
		0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TO CUT:	00:00	00:00	0.0
		1,000	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		300	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
			MINOR OPERATING REPAIRS:	00:00	24:00	0.0
			TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
			LAY TIME:	00:00	00:00	0.0
			FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT			MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 425
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 May 2018 - Wednesday

GENERAL COMMENTS

The Ellis remained down for the duration of the day troubleshooting the multidrive and static converter. The dredge went to the pumpout and pumped water to clean the pipeline then went to Gulfport for fuel. Troubleshooting the multidrive and static still ongoing.

0 loads pumped on Ship Island today: 0 CY
 151 loads pumped on Ship Island to date: 1,522,379 CY

94 loads dug in OCS West Borrow Area to date: 998,315 CY
 57 loads dug in Horn Island Pass Borrow Area to date: 524,064 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain gave crew the opportunity to bring up safety issues or concerns, Unloading trucks, make sure drivers are wearing their PPE when in the yard. Use tag lines, and have a spotter, Only A&Q riggers to help. SSHO discussed temperatures and humidity are increasing, Drink plenty of clear liquids and avoid soda, and limit coffee consumption. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Bullgang: Operating Heavy Equipment & Forklift: unloading truck; Crane Lifts,
 Hot work: Welding, Cutting, Burning: Housekeeping.

BEHAVIORAL OBSERVATIONS:

Bullgang crew made sure the delivery driver of the truck dropping off Float hoses was wearing all required PPE before undoing load. Good job to the crews enforcing GLDD standards.

SITE CONDITIONS & HOUSEKEEPING:

Today: Pleasant with brilliant sunshine. High of 82 with a real feel of 86, Night: Mostly clear. Lo of 64 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

Conducted New Hire training for the Dredge employee

Supervisor, Please review procedures for anyone getting hurt no matter how small. Notify Supervisor, Call Axiom, Fill out required paperwork. Use your ERP for guidance. Thanks!

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 426
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 03 May 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	0	1,522,379
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	68 °F / 81 °F	10	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 426
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 May 2018 - Thursday

GENERAL COMMENTS

The Ellis remained docked in Gulfport troubleshooting the multdrive and static converter all day.

0 loads pumped on Ship Island today: 0 CY

151 loads pumped on Ship Island to date: 1,522,379 CY

94 loads dug in OCS West Borrow Area to date: 998,315 CY

57 loads dug in Horn Island Pass Borrow Area to date: 524,064 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain gave crew the opportunity to bring up safety issues or concerns from day prior, cleaning up as you work to remove trip and fall hazards, report all injuries immediately, putting tools away in correct places, housekeeping, working in the heat and humidity, Keep yourselves hydrated, Job plans and JSAs for the day. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Bullgang: Operating Heavy Equipment & Forklift: Crane Lifts, Bolting Flanges;
Hot work: Welding, Cutting, Burning:

BEHAVIORAL OBSERVATIONS:

Let's try and be Injury and Incident Free for the rest of the month/year. If it doesn't feel right, look right or your not trained to do something don't do it. Don't over exert yourself, ask for help picking up items more than 30 - 50 lbs depending on your physical strength. Use proper lifting techniques. Work smarter, take frequent breaks on strenuous job task. Safety starts with each and everyone of yous. "Let's Make Safety Great Again!"

SITE CONDITIONS & HOUSEKEEPING:

Today: Warm with plenty of sunshine. High of 82 with a real feel of 89, Night: Patchy clouds. Lo of 66 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

New Hire Orientation for Dredge Liberty
Ordering Safety supplies

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 427
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 May 2018 - Friday

GENERAL COMMENTS

The Ellis began the day docked in Gulfprt for repairs and fuel. The dredge broke dock at 1900 and sailed to OCS West to resume operations.

0 loads pumped on Ship Island today: 0 CY
151 loads pumped on Ship Island to date: 1,522,379 CY

94 loads dug in OCS West Borrow Area to date: 998,315 CY
57 loads dug in Horn Island Pass Borrow Area to date: 524,064 CY

Four Delays Today:

- 900min - Fueling at Port of Gulfport
- 240min - Dockside repairs and maintenance
- 240min - Saif from Gulfport to OCS West Borrow Area
- 60min - Conduct hopper fill test for Port and STBD velocity gauges

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain discussed with crew, weather, Dredge being down, safety issues or concerns, job plans, priorities of work, don't rush, need help ask for it, too many accidents lately, take breaks when needed. use equipment or a buddy when lifting heavier items, Pick up after yourselves, "housekeeping" this is daily, taking initiative, don't wait to be told to do something. SSHO discussed Safety week, Alerts, Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Bullgang: Housekeeping: Operating Heavy Equipment & Forklift: Crane Lifts, Bolting Flanges; Hot work: Welding, Cutting, Burning:

BEHAVIORAL OBSERVATIONS:

Bullgang crews are working safely, stretching prior to work, completing their JSAs, Hot work permits and wearing all required PPE when performing their job tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny and humid. High of 81 with a real feel of 91, Night: Partly clouds. Lo of 67 degrees.

Housekeeping is being maintained throughout the project by the crews.

GENERAL COMMENTS:

SSHO was working with our new SSHO this morning completing his GLDD paperwork and introducing him to Management and Engineers.

SSHOs will be heading to the Dredge Liberty Island tomorrow morning

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 428			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 May 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	10,370	1,532,749			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			67 °F / 81 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	01:26	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:17	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	02:13	0.0	
			1	CONNECTING:		00:00	00:12	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	02:37	0.0	
			0	DISCONNECTING:		00:00	00:19	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	01:31	0.0	
			2,500	TOTALS:		00:00	08:35	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	01:12	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	10,370	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	14:13	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:00	0.0	
					TOTALS:		00:00	15:25	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 428
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 May 2018 - Saturday

GENERAL COMMENTS

The Ellis returned to OC West at 0110. At 1905, the dredge began digging HIP3. At 1910, the barge blacked out and the 6.6kV breaker was tripped. Ellis dropped anchor in HIP3 and remained at anchor for the remainder of the day to troubleshoot the issue.

1 load pumped on Ship Island today: 10,370 CY
 152 loads pumped on Ship Island to date: 1,532,749 CY

95 loads dug in OCS West Borrow Area to date: 1,008,685 CY
 57 loads dug in Horn Island Pass Borrow Area to date: 524,064 CY

Five Delays Today:

- 493min - Troubleshoot STBD gearbox clutch slip fault/replace sensor
- 291min - Troubleshoot barge blackout, tripped 6.6kV breaker
- 72min - Sail from Gulfport to OCS West
- 61min - Troubleshoot AFE1 and AFE2 failure (total barge blackout)
- 8min - Troubleshoot generator main engine

SAFETY

PRE-SHIFT MEETING:

Dredge Liberty Island: Captain/Mate discussed maintenance and safety issues with crew, Dredge updates w/contractors, safety concerns or issues from yesterday, jobs tasks and JSAs needed. Bullgang: Captain discussed weather and sea conditions for going out to connect Cube and Riser this morning, "MOB" safety discussion with crew, Job plans, priorities of work and JSAs for the day. Crew conducted stretch and flex exercises and S.H.A.K.E. eye and hand coordination drill. "hacky sack" toss.

JSA DISCUSSIONS:

Liberty Island: Crane Lifts; Maintenance; Housekeeping

Bullgang: Crane Lifts; Moving Barges; Making Cube and Riser connections; Housekeeping

BEHAVIORAL OBSERVATIONS:

Captain and crew were working safely and discussed, weather and sea conditions and Man Over Board prior to making Cube and Riser connections this morning. Captain emphasized to stay away from AB edges and always face out towards the water. Never have your back towards the edge to avoid MOB. Captain had to fix the AB fuel drive belt that broke to get it back up and running. Good job Captain and crew!

SITE CONDITIONS & HOUSEKEEPING:

Today: Times of clouds and sun. High of 84 with a real feel of 92, Night: Clearing. Lo of 62 degrees.

Housekeeping is being maintained throughout the project by our crews.

GENERAL COMMENTS:

SSHOs checked on the Dredge Liberty Island and to familiarize our new SSHO to this particular Dredge. Working on Safety Week.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 429
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 May 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	17	2		
			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	0	1,532,749
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	67 °F / 81 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			1,000	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			
				TOTALS:			
				00:00	24:00	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00	00:00	0.0	
				CESSATION:			
				00:00	00:00	0.0	
				COLLISIONS:			
				00:00	00:00	0.0	
				TOTALS:			
				00:00	00:00	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 429
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 06 May 2018 - Sunday	

GENERAL COMMENTS

The Ellis remained anchored in HIP 3 all day and continued troubleshooting the tripped 6.6kV breaker.

0 loads pumped on Ship Island today: 0 CY

152 loads pumped on Ship Island to date: 1,532,749 CY

95 loads dug in OCS West Borrow Area to date: 1,008,685 CY

57 loads dug in Horn Island Pass Borrow Area to date: 524,064 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706/Bullgang: Captain discussed weather and sea conditions with Tug Captain and crew for towing out the Derrick to the Fill Site to delivery a Wye Valve. Captain stressed the importance of staying alert and watch the edge and snap back areas while in tow, Crane lift, Job plans, priorities of work and JSAs were discussed. Crew conducted stretch and flex exercises and S.H.A.K.E. "hacky sack" toss.

JSA DISCUSSIONS:

Bullgang: Crane Lifts; Picking up Wye Valve; Moving Barges; Delivery Wye Valve to Fill Site "Island" Housekeeping

BEHAVIORAL OBSERVATIONS:

Bullgang crew and Crane Operator needed to pick up a Wye Valve to bring out to the Fill Site. A&Q Riggers inspected rigging and used the appropriate size and weight class to pick up the Wye Valve safely. Safety brief, discussion of lift and JSA was done prior to task. Captain was their to supervise lift to make sure it was done correctly.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny and pleasant. High of 87 with a real feel of 90, Night: Clear, Lo of 61 degrees.

Housekeeping is being maintained throughout the project by our crews.

GENERAL COMMENTS:

SSHO finished up Safety Week handout to brief crews for tomorrows kick off.
Conducted New Hire brief for Fill Site Shoreman

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 430					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 May 2018 - Monday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West and HIP 3		OCS West and HIP 3		Ship Island		10,743	1,543,492				
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33				
	MIN	0	TIME	01:24	MAX	1	TIME	14:23				
				GAGE LOCATION		Air Force Tower						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			64 °F / 88 °F		10		14				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	03:41	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	01:41	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	02:47	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:14	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	2,831	DUMPING:					00:00	02:20	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:15	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
1	10,743	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	11:40	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:00	0.0	
				TOTALS:					00:00	11:40	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 430
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 07 May 2018 - Monday	

GENERAL COMMENTS

The Ellis began the day down troubleshooting barge blackout issues. Dredge resumed operations at 1140 digging in HIP 3.

1 load pumped on Ship Island today: 10,743 CY
153 loads pumped on Ship Island to date: 1,543,492 CY

95 loads dug in OCS West Borrow Area to date: 1,008,685 CY
58 loads dug in Horn Island Pass Borrow Area to date: 534,807 CY

One Delay Today:

700min - Troubleshoot barge balcking out/6.6 kV breaker tripping

SAFETY

PRE-SHIFT MEETING:

Captain and Mate off the Mackie/Ellis discussed maintenance issues, tasks, JSAs, working safely and keeping yourselves hydrated and Safety Week, Liberty Island: Captain discussed with crew, weather, Dredge maintenance issues, safety issues or concerns, job plans (lots of moving parts) take breaks out of the sun, use the proper PPE at all time. Keep an eye on Contractors and making sure their working safely and wearing their required PPE. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Mackie/Ellis:
Housekeeping/Sanitary; Using the Incinerator; Working Aloft; Painting
Checking Drag Arms
Liberty Island:
Welding; Crane Lifts; Power Tools; Rigging.

BEHAVIORAL OBSERVATIONS:

Dredge Crews were demonstrating good safe work practices and wearing all required PPE for their tasks. Captain and Mate briefed crews before work started and made sure JSAs were fully filled out and reviewed prior to job tasks.

SITE CONDITIONS & HOUSEKEEPING:

Sunny to partly cloudy and warm, Hi of 88 degrees with a Real feel of 98. Tonight clear with a Low of 63 degrees.
Housekeeping is being maintained throughout the project site by the crews.

GENERAL COMMENTS:

Safety Week kick off was conducted by our SM's, SSHOs and of one of our DSHEM throughout the project sight. Good participation from our Captains, Foreman and crews.
P.S. Inspections were conducted on the Ellis Island and deficiencies were brought up to the Captain attention.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 431			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 May 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	32,538	1,576,030			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			64 °F / 88 °F		10		14		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:45	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:48	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:44	0.0	
			1	CONNECTING:		00:00	00:37	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	07:13	0.0	
			0	DISCONNECTING:		00:00	00:44	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:27	0.0	
			3,848	TOTALS:		00:00	23:18	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	32,538	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:42	0.0	
					TOTALS:		00:00	00:42	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 431
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 May 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and pumping out on subline #2.

3 loads pumped on Ship Island today: 32,538 CY

156 loads pumped on Ship Island to date: 1,576,030 CY

95 loads dug in OCS West Borrow Area to date: 1,008,685 CY

61 loads dug in Horn Island Pass Borrow Area to date: 567,345 CY

One Delay Today:

42min - Crane lift for stores

SAFETY

PRE-SHIFT MEETING:

Liberty Island: Captain discussed contracted work, work safely, maintenance, priorities of work, to be Authorized & Qualified (A&Q) on tool usage, Safety issues or concerns. SSHO and the Salvation Army "KROK" Health & Fitness Instructor "Kristine" from Biloxi discussed with crews on the benefits of eating and exercising. Crew conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Liberty Island: Applying wear compound to piping; Removing Pump Shaft Sleeve; Chipping & Grinding; Rigging; Changing and Removing Dragheads; Working with Hand Tools;

BEHAVIORAL OBSERVATIONS:

Safety Week on the Liberty Island was very informative and learning experience from our two fitness and health instructors. Kristine had hand outs for the crews and healthy eating habits, good information on stretching, stop smoking, and to cut down on your sugar intake. Captain led crews with stretch and flex exercises after lunch.

SITE CONDITIONS & HOUSEKEEPING:

Very warm with partial sunshine, Hi of 92 degrees with a Real feel of 100. Tonight clear with a Low of 63 degrees. Housekeeping is being maintained throughout the project site by the crews.

GENERAL COMMENTS:

Another Safety day down with good participation from our Captains, Foreman, Crews and Visitors. KROK Salvation Army fitness and health instructor "Kristine" had very good information to provide our crews on the Liberty to eat better, cut down on sugar intake, quit smoking, stress less, lift weights, exercise and stretching.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 432
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 May 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	21,285	1,597,315
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	64 °F / 90 °F	8	15

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30	EFFECTIVE WORKING TIME:		
AFT		9	30	PUMPING:	00:00	03:12	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:35	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	06:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:37	0.0
			1	DUMPING:	00:00	07:15	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:41	0.0
			0	TO CUT:	00:00	04:29	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:04	0.0
			2,525	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			250	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:			
2	21,285	Ship Island	0	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			
				TOTALS:			
				00:00	00:35	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	00:00	0.0
				TOTAL TIME/MILES:			
				00:00	24:00	00:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 432
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 May 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and OCS West and pumping out on subline #2.

2 loads pumped on Ship Island today: 21,285 CY

158 loads pumped on Ship Island to date: 1,597,315 CY

96 loads dug in OCS West Borrow Area to date: 1,019,307 CY

62 loads dug in Horn Island Pass Borrow Area to date: 578,008 CY

Three Delays Today:

35min - Sail to OCS West Borrow Area

21min - Port dredge pump clutched out during cleanup (two delays)

SAFETY

PRE-SHIFT MEETING:

Dredge Ellis Island: Captain/Mate discussed weather and sea conditions, dredging operations, crane lifts, tasks for the day, JSAs needed, working safely, being aware of your surroundings, don't get complacent. Be A&Q on tools and rigging. Wadmalaw; Chief discussed weather, safety issues or concerns, job tasks, housekeeping, maintenance & JSAs for today. Crews conducted stretch and flex and S.H.A.K.E. exercises.

JSA DISCUSSIONS:

Connecting/Disconnecting to the Cube; Painting; Using the Incinerator; Personnel Transfer; Inspecting and Cleaning Dragheads; Housekeeping/Sanitary; Working Aloft; Hot Work: Welding, Cutting, Grinding.

BEHAVIORAL OBSERVATIONS:

Safety Week Day 3 the Douglas B. Mackie/Ellis Island - Wadmalaw Booster: Kristine from the Salvation Army Fitness & Aquatics Director had a great presentation and hand outs for the Captain/Chief and crews on eating healthy, quitting smoking, cut down on your sugar intake and lifting weights to help your overall health "now" and especially when you get older. Good participation and feedback from everyone.

SITE CONDITIONS & HOUSEKEEPING:

Very warm sunny, Hi of 91 degrees with a Real feel of 95. Tonight; partly cloudy, Low of 66 degrees. Housekeeping is being maintained throughout the project site by the crews.

GENERAL COMMENTS:

Day 3 Safety day down with great information on Health and Fitness and good eating habits.

KROC Salvation Army Fitness and Aquatics Director "Kristine" had very good information to pass along to our crews on the Dredge Ellis Island and Booster Wadmalaw.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 433
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 May 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	31,700	1,629,015
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	62 °F / 87 °F	9	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	04:35	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:40	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	05:54	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:32	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	3,828	DUMPING:	00:00	06:20	0.0
GALLONS OF WATER CONSUMED		GAL	250	DISCONNECTING:	00:00	00:23	0.0
WORK PERFORMED				TO CUT:	00:00	05:06	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	23:30	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
3	31,700	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:30	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:30	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 433
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 May 2018 - Thursday	

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and OCS West and pumping out on subline #2.

3 loads pumped on Ship Island today: 31,700 CY

161 loads pumped on Ship Island to date: 1,629,015 CY

98 loads dug in OCS West Borrow Area to date: 1,040,551 CY

63 loads dug in Horn Island Pass Borrow Area to date: 588,464 CY

Two Delays Today:

25min - Secure main engines to swap 6.6kV power umbilical

5min - Repairs to hydraulic system

SAFETY

PRE-SHIFT MEETING:

Ellis/Mackie: Captain discussed job tasks for the day. The Captain also discussed heat awareness and emphasized hydration to the crew. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Ellis/Mackie: greasing gear, checking drag arms, using the incinerator, connecting/disconnecting to the cube, inspecting/cleaning drag heads, personnel transfer, housekeeping/sanitary, welding/cutting/grinding, painting.

BEHAVIORAL OBSERVATIONS:

Observed the crews utilizing safe work practices and good communication while performing crane lifts. Observed the Welder safely performing hot work. Hot Work Permit was filled out and Fire Watch was posted as well.

SITE CONDITIONS & HOUSEKEEPING:

Warm conditions with daytime highs in the upper 80s. The Tug/Dredge crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

The Ellis Island and Emma Kate conducted a injured employee drill. Crews on the Dredge and Emma Kate communicated well with each other during simulated care and transport of the injured person. Great job by the crew! SSHO worked with the Captain, Chief and Welder to sign off open issues on the Dredge Ellis/Tug Mackie. Also signed off open issue on the Booster. SSHO showed new hire videos to the deckhand on the Emma Kate.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 434
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 May 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	32,946	1,661,961
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	64 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	03:27	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:08	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	05:17	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			1	CONNECTING:	00:00	00:36	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			0	DUMPING:	00:00	09:02	0.0
GALLONS OF FUEL OIL CONSUMED			3,842	DISCONNECTING:	00:00	00:36	0.0
GALLONS OF WATER CONSUMED			250	TO CUT:	00:00	04:26	0.0
WORK PERFORMED				TOTALS:	00:00	23:32	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
3	32,946	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:28	0.0
				TOTALS:	00:00	00:28	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 434
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 May 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and pumping out on subline #2.

3 loads pumped on Ship Island today: 32,946 CY

164 loads pumped on Ship Island to date: 1,661,961 CY

98 loads dug in OCS West Borrow Area to date: 1,040,551 CY

66 loads dug in Horn Island Pass Borrow Area to date: 621,410 CY

Two Delays Today:

23min - Dredge engine high temp alarm, go on water dring discharge

5min - Crewboat transfer

SAFETY

PRE-SHIFT MEETING:

Ellis/Mackie: Captain discussed job tasks for the day. The Captain also discussed heat awareness and emphasized hydration to the crew. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Ellis/Mackie: greasing gear, checking drag arms, using the incinerator, connecting/disconnecting to the cube, inspecting/cleaning drag heads, personnel transfer, housekeeping/sanitary, welding/cutting/grinding, painting.

BEHAVIORAL OBSERVATIONS:

Observed crew using safe practices during personnel transfer.

SITE CONDITIONS & HOUSEKEEPING:

Warm conditions with daytime highs in the upper 80s.

GENERAL COMMENTS:

Project management and SSO conducted IIF kickoff meeting with the Liberty Island crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 435			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 May 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	21,640	1,683,601			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			64 °F / 88 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:24	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:45	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:22	0.0	
			1	CONNECTING:		00:00	00:22	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:30	0.0	
			0	DISCONNECTING:		00:00	00:33	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:35	0.0	
			2,919	TOTALS:		00:00	18:31	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	21,640	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	03:24	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	02:05	0.0	
					TOTALS:		00:00	05:29	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 435
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 May 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and OCS West and pumping out on subline #2.

2 loads pumped on Ship Island today: 21,640 CY

166 loads pumped on Ship Island to date: 1,683,601 CY

99 loads dug in OCS West Borrow Area to date: 1,051,294 CY

67 loads dug in Horn Island Pass Borrow Area to date: 632,307 CY

Five Delays Today:

147min - Oil leak on STBD main engine

74min - Bottom dump hopper to clear residual and flush line in borrow area (two delays)

57min - STBD dredge pump clutch slip alarm/backflush pump

51min - Additional sail time to sail to OCS West BA

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and read topic 22 "JSA" from the SALT book. Also discussed utility Vehicle safety. Stretch and flex exercises were conducted. SHAKE training was also conducted.

JSA DISCUSSIONS:

Fill Site: working the light plant, fueling equipment, moving equipment with forklift, building and maintaining dikes, adding/breaking shorepipe

BEHAVIORAL OBSERVATIONS:

Observed heavy equipment operators utilizing safe work practices and good communication while building and maintaining dikes. Operators ensured that the survey crew, shoreman and bird observers maintained the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Warm conditions with daytime highs in the upper 80s. Fill Site crew is doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection at the Fill Site. No discrepancies were noted. Fill site crews continue to do a good job! SSHO conducted subcontractor orientation with the Emma Kate Captain and Deckhand.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 436			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 May 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	31,051	1,714,652			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			66 °F / 91 °F		9		9		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:25	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:14	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	06:45	0.0	
			1	CONNECTING:		00:00	00:43	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:05	0.0	
			0	DISCONNECTING:		00:00	00:35	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:58	0.0	
			2,567	TOTALS:		00:00	23:45	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	31,051	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:15	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:15	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 436
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 May 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

3 loads pumped on Ship Island today: 31,051 CY

169 loads pumped on Ship Island to date: 1,714,652 CY

102 loads dug in OCS West Borrow Area to date: 1,082,345 CY

67 loads dug in Horn Island Pass Borrow Area to date: 632,307 CY

One Delay Today:

15min - STBD propellor pitch angle control won't respond

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and read topic 28 "Motor Vehicles" from the SALT book. Also discussed housekeeping. Stretch and flex exercises were conducted. SHAKE training was also conducted.

JSA DISCUSSIONS:

Fill Site: working the light plant, fueling equipment, moving equipment with forklift, building and maintaining dikes, adding/breaking shorepipe

BEHAVIORAL OBSERVATIONS:

Observed heavy equipment operators utilizing safe work practices and good communication while building and maintaining dikes. Operators ensured that the survey crew, shoreman and bird observers maintained the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Warm conditions again today with daytime highs in the upper 80s. Fill Site crew is doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted Utility vehicle training with 2 Fill Site crew. SSHO also conducted new hire and subcontractor orientation with the Brooke Elizabeth Captain and Deckhand.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 437			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 May 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West	OCS West		Ship Island	22,262	1,736,914				
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33		
	MIN	0	TIME	01:24	MAX	1	TIME	14:23		
	GAGE LOCATION Air Force Tower			GAGE DATUM NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay		70 °F / 98 °F		8		17			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	02:30	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:24	0.0	
			1		CONNECTING:		00:00	00:24	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	07:50	0.0	
			0		DISCONNECTING:		00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:57	0.0	
			3,448		TOTALS:		00:00	21:01	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	22,262	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	02:44	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:15	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:59	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 317 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 437
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 May 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

2 loads pumped on Ship Island today: 22,262 CY

171 loads pumped on Ship Island to date: 1,736,914 CY

104 loads dug in OCS West Borrow Area to date: 1,104,607 CY

67 loads dug in Horn Island Pass Borrow Area to date: 632,307 CY

Five Delays Today:

85min - Cooling water issue on dredge engines

28min - Jet pump not starting up

27min - Greasing and testing gear

24min - Repacking pump

15min - Supply/personnel transfer

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasks for the day and emphasized to the crews to take their time when working in the heat. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706: crane lifts

SITE CONDITIONS & HOUSEKEEPING:

Record temperatures today with daytime highs in the upper 90s.

GENERAL COMMENTS:

SSHO uploaded equipment inspections into NS5. Also worked on the project vessel transfer plan.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 318 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 437
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 May 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	0
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	79 °F / 98 °F	8	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	01:37	0.0
				TURNING:	00:00	00:19	0.0
				TO DUMP:	00:00	00:36	0.0
				CONNECTING:	00:00	00:00	0.0
				DUMPING:	00:00	00:00	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	02:32	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	0	LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0

WORK PERFORMED				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LAY TIME:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	21:28	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	21:28	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 437
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 14 May 2018 - Monday	

GENERAL COMMENTS

The Liberty Island arrive onsite today. After calibrations, dredge commenced dredging operations at 21:53 digging in HIP 1. No loads completed after midnight.

0 loads pumped on Ship Island today: 0 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasks for the day and emphasized to the crews to take their time when working in the heat. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706: crane lifts

SITE CONDITIONS & HOUSEKEEPING:

Record temperatures today with daytime highs in the upper 90s.

GENERAL COMMENTS:

SSHO uploaded equipment inspections into NS5. Also worked on the project vessel transfer plan.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 438	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 15 May 2018 - Tuesday			
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY			AVG VOL OF BIN WATER: <u>10,950</u> CY			AVG UNFILLED CAP: <u>4,385</u> CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1			DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 11,073		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 11,073		
		AVG LENGTH OF CUT <u>4,771</u> FT			AVG WIDTH OF CUT <u>1,602</u> FT			AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				_____				GMS/LITER <u>1850</u>			
		DENSITY OF WATER				<u>1025</u>				GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>19:10</u>		MAX <u>1</u> TIME <u>09:56</u>		GAGE LOCATION Air Force Tower							
		MIN <u>0</u> TIME <u>19:59</u>		MAX <u>1</u> TIME <u>10:26</u>		GAGE DATUM NAVD88							
WEATHER CONDITION		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			79 °F / 98 °F		8		17				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		<u>9</u>		<u>30</u>									
AFT													
		<u>9</u>		<u>30</u>									
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						PUMPING: 00:00 02:51 0.0							
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TURNING: 00:00 00:31 0.0							
				<u>1</u>		TO DUMP: 00:00 05:56 0.0							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		CONNECTING: 00:00 01:16 0.0							
				<u>0</u>		DUMPING: 00:00 04:19 0.0							
GALLONS OF FUEL OIL CONSUMED				GAL		DISCONNECTING: 00:00 00:28 0.0							
				<u>7,694</u>		TO CUT: 00:00 06:12 0.0							
GALLONS OF WATER CONSUMED				GAL		TOTALS: 00:00 21:33 0.0							
				<u>4,000</u>		NON-EFFECTIVE WORKING TIME:							
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0							
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0							
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0							
		<u>3</u>		<u>11,073</u>		<u>Ship Island</u>		LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0					
								MINOR OPERATING REPAIRS: 00:00 00:22 0.0					
								TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0					
								LAY TIME: 00:00 00:00 0.0					
ATTENDANT PLANT						FIRE AND BOAT DRILLS: 00:00 00:00 0.0							
ITEM		NAME OR NUMBER		H.P.		HOURS		MISCELLANEOUS: 00:00 02:05 0.0					
								TOTALS: 00:00 02:27 0.0					
								LOST TIME:					
								MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0					
								CESSATION: 00:00 00:00 0.0					
								COLLISIONS: 00:00 00:00 0.0					
								TOTALS: 00:00 00:00 0.0					
								TOTAL TIME/MILES: 00:00 24:00 0.0					

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 438
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 May 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

3 loads pumped on Ship Island today: 11,073 CY

3 loads pumped on Ship Island to date: 11,073 CY

3 loads dug in Horn Island Pass Borrow Area to date: 11,073 CY

Three Delays Today:

- 107min - Wait on Ellis
- 22min - Fore peak valve repair
- 18min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasks for the day and once again emphasized to the crews to take their time when working in the heat. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706: working in hot weather, operating heavy equipment, crane lifts, welding/cutting/grinding, confined space entry

BEHAVIORAL OBSERVATIONS:

Observed the crane operator and bullgang crew safely performing multiple lifts. Crews used good communication and proper hand signals. The crew also ensured all personnel were clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Record high temperatures again today with daytime highs in the upper 90s. Crews on the Mobro are doing a good job of housekeeping and maintaining their respective work areas.

GENERAL COMMENTS:

SSHO conducted new hire orientation with Bullgang Deckhand. Conducted CPR training with 4 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 438			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 May 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	31,669	1,768,583			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 93 °F		8		9		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:05	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:41	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:55	0.0	
			1	CONNECTING:		00:00	00:31	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	04:39	0.0	
			0	DISCONNECTING:		00:00	00:19	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:04	0.0	
			2,502	TOTALS:		00:00	20:14	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,050	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	31,669	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	01:03	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	02:43	0.0	
					TOTALS:		00:00	03:46	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 438
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 May 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

3 loads pumped on Ship Island today: 31,669 CY

174 loads pumped on Ship Island to date: 1,768,583 CY

107 loads dug in OCS West Borrow Area to date: 1,136,276 CY

67 loads dug in Horn Island Pass Borrow Area to date: 632,307 CY

Three Delays Today:

95min - Waiting on Liberty Island

68min - Crane lifts for stores

63min - Lost 6.6kV breaker; dredge pump engines high temperature alarm

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasks for the day and once again emphasized to the crews to take their time when working in the heat. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mobro 1706: working in hot weather, operating heavy equipment, crane lifts, welding/cutting/grinding, confined space entry

BEHAVIORAL OBSERVATIONS:

Observed the crane operator and bullgang crew safely performing multiple lifts. Crews used good communication and proper hand signals. The crew also ensured all personnel were clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Record high temperatures again today with daytime highs in the upper 90s. Crews on the Mobro are doing a good job of housekeeping and maintaining their respective work areas.

GENERAL COMMENTS:

SSHO conducted new hire orientation with Bullgang Deckhand. Conducted CPR training with 4 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 439	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 May 2018 - Wednesday	
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		OCS West	OCS West		Ship Island	21,679	1,790,262	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		_____		GMS/LITER <u>1925</u>		
		DENSITY OF WATER		<u>1025</u>		GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE		MIN	0	TIME	00:11	MAX	1	
		TIME	01:24	MAX	1	TIME	13:33	GAGE LOCATION
WEATHER CONDITION		WEATHER	TEMP (min / max)		VISIBILITY	WIND		
		Weather Caused No Delay		73 °F / 91 °F	10	17		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED	AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	9		30					
AFT	9		30	EFFECTIVE WORKING TIME:				
				PUMPING:	00:00	02:35		
				TURNING:	00:00	00:23		
				TO DUMP:	00:00	06:13		
				CONNECTING:	00:00	00:48		
				DUMPING:	00:00	04:46		
				DISCONNECTING:	00:00	00:37		
				TO CUT:	00:00	04:09		
				TOTALS:	00:00	19:31		
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				NON-EFFECTIVE WORKING TIME:				
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TAKING ON FUEL AND SUPPLIES:	00:00	00:00		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00		
			1	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00		
			0	MINOR OPERATING REPAIRS:	00:00	00:20		
GALLONS OF FUEL OIL CONSUMED			GAL	TRANSFERRING BETWEEN WORKS:	00:00	00:00		
			2,445	LAY TIME:	00:00	00:00		
GALLONS OF WATER CONSUMED			GAL	FIRE AND BOAT DRILLS:	00:00	00:00		
			800	MISCELLANEOUS:	00:00	04:09		
WORK PERFORMED				TOTALS:	00:00	04:29		
DREDGING AND HAULING			AGITATING	LOST TIME:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00		
2	21,679	Ship Island	0	CESSATION:	00:00	00:00		
				COLLISIONS:	00:00	00:00		
				TOTALS:	00:00	00:00		
ATTENDANT PLANT				TOTAL TIME/MILES:	00:00	24:00		
ITEM	NAME OR NUMBER		H.P.	HOURS				

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 439
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 May 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

2 loads pumped on Ship Island today: 21,679 CY

176 loads pumped on Ship Island to date: 1,790,262 CY

109 loads dug in OCS West Borrow Area to date: 1,157,955 CY

67 loads dug in Horn Island Pass Borrow Area to date: 632,307 CY

Eight Delays Today:

179min - Wait on Liberty (two delays)

31min - Crew boat transfer

27min - Conducting fast rescue boat drill

10min - Repacking STBD dredge pump and replacing drain valve on pump

10min - Dredge pump will not clutch in

7min - Crane lift from crewboat

5min - Pumping water to booster

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and Heat Stress awareness. He also read section 41 "Weather" from the SALT book. Stretch and flex as well as SHAKE exercises were conducted.

JSA DISCUSSIONS:

Fill Site; fueling equipment, working the light plant, building/maintaining dikes, moving equipment with forklift, pulling the drag bar, adding/breaking shorepipe

SITE CONDITIONS & HOUSEKEEPING:

Record high temperatures again today with daytime highs in the mid to upper 90s.

GENERAL COMMENTS:

Completed the project vessel transfer plan and distributed to the Ohio River and Brooke Elizabeth.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 439			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 May 2018 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 18,216	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 29,289		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER				1025		GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 90 °F		10		10		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	03:47	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:17	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	07:23	0.0
				1	CONNECTING:		00:00	01:45	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	03:22	0.0
				0	DISCONNECTING:		00:00	01:06	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	04:46	0.0
				7,675	TOTALS:		00:00	22:26	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				2,500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
4	18,216	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	01:34	0.0
						TOTALS:		00:00	01:34	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 439
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 May 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

4 loads pumped on Ship Island today: 18,216 CY

7 loads pumped on Ship Island to date: 29,289 CY

7 loads dug in Horn Island Pass Borrow Area to date: 29,289 CY

One Delay Today:

94min - Wait on Ellis

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and Heat Stress awareness. He also read section 41 "Weather" from the SALT book. Stretch and flex as well as SHAKE exercises were conducted.

JSA DISCUSSIONS:

Fill Site; fueling equipment, working the light plant, building/maintaining dikes, moving equipment with forklift, pulling the drag bar, adding/breaking shorepipe

SITE CONDITIONS & HOUSEKEEPING:

Record high temperatures again today with daytime highs in the mid to upper 90s.

GENERAL COMMENTS:

Completed the project vessel transfer plan and distributed to the Ohio River and Brooke Elizabeth.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 440			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 May 2018 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 23,217	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 52,506		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER			1025			GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 91 °F		10		23		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	03:47	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:17	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	07:18	0.0
				1	CONNECTING:		00:00	00:43	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:03	0.0
				0	DISCONNECTING:		00:00	00:23	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:17	0.0
				8,595	TOTALS:		00:00	22:48	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				800	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
5	23,217	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	01:12	0.0
						MISCELLANEOUS:		00:00	00:00	0.0
						TOTALS:		00:00	01:12	0.0
ATTENDANT PLANT						LOST TIME:				
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 440
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 May 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

5 loads pumped on Ship Island today: 23,217 CY
 12 loads pumped on Ship Island to date: 52,506 CY

12 loads dug in Horn Island Pass Borrow Area to date: 52,506 CY

Two Delays Today:

57min - Wait on Ellis
 15min - Crewboat transfer

SAFETY

PRE-SHIFT MEETING:

Liberty: Captain told crew to keep an eye on newly assigned AB "Green Hat" and just have him/her observe for a while before performing any tasking by them themselves.

JSA DISCUSSIONS:

Liberty: Hooking up and Letting Go; Cleaning Dragheads; Using Incinerator; Painting; Crewboat Personnel Transfer; Inspect and Clean out Discharge Box;
 Crew working on maintenance and housekeeping from recently getting out of VT Halter Ship Yard.

SITE CONDITIONS & HOUSEKEEPING:

88 degrees, real feels 93 degrees with 55% chance of rain. (moderated risk)

GENERAL COMMENTS:

Attending weekly project meeting. SSHO's conducted training on Concur, time sheet and other.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 440	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 May 2018 - Thursday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West		OCS West		Ship Island		21,365	1,811,627
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>		
	DENSITY OF WATER					GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33
	MIN	0	TIME	01:24	MAX	1	TIME	14:23
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND
		Weather Caused No Delay		71 °F / 91 °F		10		21
DRAFT					DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9		30				
AFT		9		30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	03:17	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:47	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	02:24	0.0
			1		CONNECTING:	00:00	00:19	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:37	0.0
			0		DISCONNECTING:	00:00	00:41	0.0
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:03	0.0
			2,800		TOTALS:	00:00	16:08	0.0
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:			
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING				AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS				
2	21,365	Ship Island		0				
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
					MINOR OPERATING REPAIRS:	00:00	07:52	0.0
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
					LAY TIME:	00:00	00:00	0.0
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0
					MISCELLANEOUS:	00:00	00:00	0.0
					TOTALS:	00:00	07:52	0.0
					LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 440
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 May 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and pumping out on subline #2.

2 loads pumped on Ship Island today: 21,365 CY

178 loads pumped on Ship Island to date: 1,811,627 CY

109 loads dug in OCS West Borrow Area to date: 1,157,955 CY

69 loads dug in Horn Island Pass Borrow Area to date: 653,672 CY

Three Delays Today:

450min - STBD dredge pump won't clutch in/clean out

17min - Troubleshoot STBD dredge pump

5min - STBD rudder malfunction

SAFETY

PRE-SHIFT MEETING:

Liberty: Captain told crew to keep an eye on newly assigned AB "Green Hat" and just have him/her observe for a while before performing any tasking by them themselves.

JSA DISCUSSIONS:

Liberty: Hooking up and Letting Go; Cleaning Dragheads; Using Incinerator; Painting; Crewboat Personnel Transfer; Inspect and Clean out Discharge Box;

Crew working on maintenance and housekeeping from recently getting out of VT Halter Ship Yard.

SITE CONDITIONS & HOUSEKEEPING:

88 degrees, real feels 93 degrees with 55% chance of rain. (moderated risk)

GENERAL COMMENTS:

Attending weekly project meeting. SSSH's conducted training on Concur, time sheet and other.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 441	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 May 2018 - Friday	
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		HIP 1	HIP 1	Ship Island	18,766	71,272		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		_____		GMS/LITER <u>1850</u>		
		DENSITY OF WATER		<u>1025</u>		GMS/LITER@ <u>82 °F</u>		
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>19:10</u>	MAX <u>1</u> TIME <u>09:56</u>	GAGE LOCATION <u>Air Force Tower</u>				
		MIN <u>0</u> TIME <u>19:59</u>	MAX <u>1</u> TIME <u>10:26</u>	GAGE DATUM <u>NAVD88</u>				
WEATHER CONDITION		WEATHER	TEMP (min / max)	VISIBILITY	WIND			
Weather Caused No Delay			71 °F / 91 °F	10	10			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9	30					
AFT		9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	03:57	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:15	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	08:32	0.0	
			1	CONNECTING:	00:00	00:50	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:00	0.0	
			0	DISCONNECTING:	00:00	00:42	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:33	0.0	
			8,637	TOTALS:	00:00	23:49	0.0	
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			200	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
4	18,766	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:11	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:11	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 441
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 May 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

4 loads pumped on Ship Island today: 18,766 CY
16 loads pumped on Ship Island to date: 71,272 CY

16 loads dug in Horn Island Pass Borrow Area to date: 71,272 CY

One Delay Today:

11min - Dredge pump clutch repairs

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasking for the day and reminded everyone of the importance of staying hydrated due to the increase heat index as well as to stay aware of rain (water puddles, slip and fall) SSHO discussed the importance to take their time while performing tasking in order to avoid complacency and incidents. Stretch/ flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: Working in hot weather, moving barges, Crane lifting, operating heavy equipment and forklift,

BEHAVIORAL OBSERVATIONS:

Observed Bullgang: crane lift a air compressor and placing it on phantom barges.

SITE CONDITIONS & HOUSEKEEPING:

83 degrees, peaking at 87 degrees with 72% chance of rain. (low risk)
tomorrow to be expected 87 degrees real feel of 98 degrees with 25% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO's conducted two predictive solutions inspections. Minor discrepancies were discovered but fix on the spot. Conducted two JSA audit. SSHO's trained on new hired orientation, sub contractor and NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 441
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 May 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	20,863	1,832,490
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	71 °F / 88 °F	10	20

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:		
AFT		9	30	PUMPING:	00:00	03:41
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:49
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	06:39
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:38
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	04:56
GALLONS OF FUEL OIL CONSUMED		GAL	3,220	DISCONNECTING:	00:00	00:36
GALLONS OF WATER CONSUMED		GAL	500	TO CUT:	00:00	04:08
WORK PERFORMED				TOTALS:	00:00	21:27
DREDGING AND HAULING			AGITATING	NON-EFFECTIVE WORKING TIME:		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00
2	20,863	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00
				MINOR OPERATING REPAIRS:	00:00	00:00
				TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
ATTENDANT PLANT				MISCELLANEOUS:	00:00	02:33
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	02:33
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 441
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 18 May 2018 - Friday	

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

2 loads pumped on Ship Island today: 20,863 CY

180 loads pumped on Ship Island to date: 1,832,490 CY

111 loads dug in OCS West Borrow Area to date: 1,178,818 CY

69 loads dug in Horn Island Pass Borrow Area to date: 653,672 CY

Three Delays Today:

102min - Wait on Liberty

32min - Crewboat transfer for ABS Inspection

19min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasking for the day and reminded everyone of the importance of staying hydrated due to the increase heat index as well as to stay aware of rain (water puddles, slip and fall) SSHO discussed the importance to take their time while performing tasking in order to avoid complacency and incidents. Stretch/ flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: Working in hot weather, moving barges, Crane lifting, operating heavy equipment and forklift,

BEHAVIORAL OBSERVATIONS:

Observed Bullgang: crane lift a air compressor and placing it on phantom barges.

SITE CONDITIONS & HOUSEKEEPING:

83 degrees, peaking at 87 degrees with 72% chance of rain. (low risk)

tomorrow to be expected 87 degrees real feel of 98 degrees with 25% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO's conducted two predictive solutions inspections. Minor discrepancies were discovered but fix on the spot. Conducted two JSA audit. SSHO's trained on new hired orientation, sub contractor and NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 442
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 May 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	17	2		
			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	26,334	1,858,824
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	70 °F / 89 °F	9	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:14	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:44	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	04:44	0.0
			1	CONNECTING:	00:00	00:35	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	06:37	0.0
			0	DISCONNECTING:	00:00	00:21	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	04:06	0.0
			3,000	TOTALS:	00:00	20:21	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			300	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	26,334	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:42	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	02:57	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	03:39	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 442
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 May 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

2 loads pumped on Ship Island today: 18,552 CY
 182 loads pumped on Ship Island to date: 1,851,042 CY

113 loads dug in OCS West Borrow Area to date: 1,197,370 CY
 69 loads dug in Horn Island Pass Borrow Area to date: 653,672 CY

Three Delays Today:

125min - Flush hopper/cycle bottom dump doors
 52min - Wait on Liberty
 42min - Barge blacked out; loose cable

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasking for the day and reminded everyone of the importance of staying hydrated due to the increase heat index as well as to stay aware of rain (water puddles, slip and fall) SSHO discussed the importance to take their time while performing tasking in order to avoid complacency and incidents. Stretch/ flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: Working in hot weather, moving barges, Crane lifting, operating heavy equipment and forklift,

BEHAVIORAL OBSERVATIONS:

Observed Bullgang: crane lift a air compressor and placing it on phantom barges.

SITE CONDITIONS & HOUSEKEEPING:

83 degrees, peaking at 87 degrees with 72% chance of rain. (low risk)
 tomorrow to be expected 87 degrees real feel of 98 degrees with 25% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO's conducted two predictive solutions inspections. Minor discrepancies were discovered but fix on the spot. Conducted two JSA audit. SSHO's trained on new hired orientation, sub contractor and NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 442						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 May 2018 - Saturday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 1	HIP 1		Ship Island	18,746	90,018						
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>								
		DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>								
RIVER/TIDE STAGE		MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower		
		MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88		
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		71 °F / 91 °F		10		10					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				9		30							
AFT				9		30							
DRAG DEPTH		MAX <u>34</u>		MIN <u>35</u>									
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		8,131							
GALLONS OF WATER CONSUMED				GAL		300							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
4	18,746	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		03:03		0.0	
						TOTALS:		00:00		03:03		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 442
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 19 May 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

4 loads pumped on Ship Island today: 18,746 CY
 20 loads pumped on Ship Island to date: 90,018 CY

20 loads dug in Horn Island Pass Borrow Area to date: 90,018 CY

Two Delays Today:

180min - Wait on Ellis
 3min - No velocity when starting discharge

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Captain discussed job tasking for the day and reminded everyone of the importance of staying hydrated due to the increase heat index as well as to stay aware of rain (water puddles, slip and fall) SSHO discussed the importance to take their time while performing tasking in order to avoid complacency and incidents. Stretch/ flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: Working in hot weather, moving barges, Crane lifting, operating heavy equipment and forklift,

BEHAVIORAL OBSERVATIONS:

Observed Bullgang: crane lift a air compressor and placing it on phantom barges.

SITE CONDITIONS & HOUSEKEEPING:

83 degrees, peaking at 87 degrees with 72% chance of rain. (low risk)
 tomorrow to be expected 87 degrees real feel of 98 degrees with 25% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO's conducted two predictive solutions inspections. Minor discrepancies were discovered but fix on the spot. Conducted two JSA audit. SSHO's trained on new hired orientation, sub contractor and NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 443	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 May 2018 - Sunday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	HIP 1	HIP 1		Ship Island	18,963	108,981		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>		
	DENSITY OF WATER			1025		GMS/LITER@ <u>82 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56
	MIN	0	TIME	19:59	MAX	1	TIME	10:26
GAGE LOCATION		Air Force Tower						
GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay		75 °F / 88 °F		10		13	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30					
AFT		9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	03:28	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:37	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:23	0.0	
			1	CONNECTING:	00:00	01:21	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:36	0.0	
			0	DISCONNECTING:	00:00	00:28	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:36	0.0	
			10,756	TOTALS:	00:00	23:29	0.0	
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			400	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
4	18,963	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:31	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:31	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 443
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 May 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

4 loads pumped on Ship Island today: 18,963 CY
 24 loads pumped on Ship Island to date: 108,981 CY

24 loads dug in Horn Island Pass Borrow Area to date: 108,981 CY

One Delay Today:

31min - Wait on Ellis

SAFETY

PRE-SHIFT MEETING:

Fill site: Foreman discussed equipment inspections and Lockout/ tag out
 Bull-gang; Captain gave crew the opportunity to bring up any safety issues or concerns from yesterday, Discussed weather, possible rain later, Be careful of the heat, keep yourself hydrated. Check hydration chart when using the bathroom, drink more water than soda, coffee or energy drinks. Takes breaks out of the heat/sun. watch what you eat.

JSA DISCUSSIONS:

Fill site: Building and maintaining dikes, adding breaking shore pipe, moving equipment with forklift, working light plan, fueling equipment, changing the WYE-valve
 Bull-gang: Hot work, Crane Lifts, Moving Barges, Land Equipment

BEHAVIORAL OBSERVATIONS:

Fill site: really well maintained and organized
 Mobro 1706/Bullgang; Deck Captain and crew had good communication with Yard crew when lifting subline out of the water into the yard to be cut up.

SITE CONDITIONS & HOUSEKEEPING:

85 degrees, real feel 96 degrees with 25% chance of rain. (moderated risk)
 tomorrow to be expected 83 degrees real feel of 95 degrees with 43% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO's conducted two predictive solutions inspections.
 SSHO worked off two P.S. Open Issues. One on the Derrick and one on the Forklift 966.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 443			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 May 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 32,066	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,890,890			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>68</u> °F				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			73 °F / 89 °F		9		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:22	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:58	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	03:31	0.0	
			1		CONNECTING:		00:00	00:38	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	06:25	0.0	
			0		DISCONNECTING:		00:00	01:12	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:03	0.0	
			3,500		TOTALS:		00:00	21:09	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	32,066	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	01:18	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	01:33	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:51	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 443
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 May 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging in OCS West and HIP 3 and pumping out on subline #2.

3 loads pumped on Ship Island today: 32,066 CY

185 loads pumped on Ship Island to date: 1,883,108 CY

114 loads dug in OCS West Borrow Area to date: 1,208,073 CY

71 loads dug in Horn Island Pass Borrow Area to date: 675,035 CY

Six Delays Today:

90min - Waiting on Liberty (two delays)

33min - Draghead horizontal sensor wire break

24min - STBD main engine test

21min - Engine pressure gauge leak

3min - Booster pump packing

SAFETY

PRE-SHIFT MEETING:

Fill site: Foreman discussed equipment inspections and Lockout/ tag out

Bull-gang; Captain gave crew the opportunity to bring up any safety issues or concerns from yesterday, Discussed weather, possible rain later, Be careful of the heat, keep yourself hydrated. Check hydration chart when using the bathroom, drink more water than soda, coffee or energy drinks. Takes breaks out of the heat/sun. watch what you eat.

JSA DISCUSSIONS:

Fill site: Building and maintaining dikes, adding breaking shore pipe, moving equipment with forklift, working light plan, fueling equipment, changing the WYE-valve

Bull-gang: Hot work, Crane Lifts, Moving Barges, Land Equipment

BEHAVIORAL OBSERVATIONS:

Fill site: really well maintained and organized

Mobro 1706/Bullgang; Deck Captain and crew had good communication with Yard crew when lifting subline out of the water into the yard to be cut up.

SITE CONDITIONS & HOUSEKEEPING:

85 degrees, real feel 96 degrees with 25% chance of rain. (moderated risk)

tomorrow to be expected 83 degrees real feel of 95 degrees with 43% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO's conducted two predictive solutions inspections.

SSHO worked off two P.S. Open Issues. One on the Derrick and one on the Forklift 966.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 444				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 May 2018 - Monday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	21,404	1,912,294				
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			71 °F / 86 °F		8		16			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:44	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:42	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:49	0.0		
			1		CONNECTING:		00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:35	0.0		
			0		DISCONNECTING:		00:00	00:36	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:04	0.0		
			3,500		TOTALS:		00:00	20:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:						
			300		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
2	21,404	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	01:18	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
						LAY TIME:		00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	02:42	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	04:00	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 444
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 May 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging in OCS West and HIP 3 and pumping out on subline #2.

2 loads pumped on Ship Island today: 21,404 CY

187 loads pumped on Ship Island to date: 1,883,108 CY

115 loads dug in OCS West Borrow Area to date: 1,218,695 CY

72 loads dug in Horn Island Pass Borrow Area to date: 685,817 CY

Four Delays Today:

83min - Wait on Liberty

79min - Fouled bridle

50min - Slow bell to change fuel filters

28min - Tripped multidrive

SAFETY

PRE-SHIFT MEETING:

Ellis Island: Captain talked about weather conditions

JSA DISCUSSIONS:

Ellis Island: grinding and wire welding, painting, house keeping, checking drag arms, inspecting/ cleaning drag head, connecting/ disconnecting to the cube, using incinerator and personnel transfer.

SITE CONDITIONS & HOUSEKEEPING:

82 degrees, real feel 94 degrees with 55% chance of rain. (moderated risk)

tomorrow to be expected 83 degrees real feel of 94 degrees with 56% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO conducted new hired training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 444
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 May 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,003	127,984
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 85 °F	8	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	03:30	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:13	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:13	0.0
			1	CONNECTING:	00:00	00:29	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	03:33	0.0
			0	DISCONNECTING:	00:00	00:30	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:06	0.0
			7,554	TOTALS:	00:00	19:34	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			400	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,003	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:10	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	04:16	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:26	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 444
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 May 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

4 loads pumped on Ship Island today: 19,003 CY
 28 loads pumped on Ship Island to date: 127,984 CY

28 loads dug in Horn Island Pass Borrow Area to date: 127,984 CY

Five Delays Today:

235min - Wait on Ellis (Three Delays)
 16min - Crew boat transfer
 15min - Fill site flush line

SAFETY

PRE-SHIFT MEETING:
 Ellis Island: Captain talked about weather conditions

JSA DISCUSSIONS:
 Ellis Island: grinding and wire welding, painting, house keeping, checking drag arms, inspecting/ cleaning drag head, connecting/ disconnecting to the cube, using incinerator and personnel transfer.

SITE CONDITIONS & HOUSEKEEPING:
 82 degrees, real feel 94 degrees with 55% chance of rain. (moderated risk)
 tomorrow to be expected 83 degrees real feel of 94 degrees with 56% chance of rain (moderate risk)

GENERAL COMMENTS:
 SSHO conducted new hired training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 445			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 May 2018 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 14,316	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 142,300			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			68 °F / 88 °F		8		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	02:41	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:11	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	06:49	0.0		
			1		CONNECTING:	00:00	00:38	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	03:11	0.0		
			0		DISCONNECTING:	00:00	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:33	0.0		
			6,121		TOTALS:	00:00	19:20	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			600		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	14,316	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	04:40	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:	00:00	04:40	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 445
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 May 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

3 loads pumped on Ship Island today: 14,316 CY

31 loads pumped on Ship Island to date: 142,300 CY

31 loads dug in Horn Island Pass Borrow Area to date: 142,300 CY

Five Delays Today:

211min - Wait on Ellis (three delays)

65min - Waiting for crew boat and taking on supplies

4min - Trouble getting velocity up

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

BEHAVIORAL OBSERVATIONS:

SSHO's helped with crane rigging.

SITE CONDITIONS & HOUSEKEEPING:

85 degrees, real feel 97 degrees with 57% chance of rain. (moderated risk)

tomorrow to be expected 85 degrees real feel of 97 degrees with 51% chance of rain (moderate risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 445			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 May 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	19,458	1,931,752			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 87 °F		8		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:29	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:44	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:29	0.0	
			1	CONNECTING:		00:00	00:36	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	07:02	0.0	
			0	DISCONNECTING:		00:00	00:33	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:19	0.0	
			3,500	TOTALS:		00:00	21:12	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	19,458	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:38	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	02:10	0.0	
					TOTALS:		00:00	02:48	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 445
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 May 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and pumping out on subline #2.

2 loads pumped on Ship Island today: 19,458 CY

189 loads pumped on Ship Island to date: 1,923,970 CY

115 loads dug in OCS West Borrow Area to date: 1,218,695 CY

74 loads dug in Horn Island Pass Borrow Area to date: 705,275 CY

Three Delays Today:

80min - Wait on Liberty

50min - Crane lifts for stores

38min - Generator engine repairs

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

BEHAVIORAL OBSERVATIONS:

SSHO's helped with crane rigging.

SITE CONDITIONS & HOUSEKEEPING:

85 degrees, real feel 97 degrees with 57% chance of rain. (moderated risk)

tomorrow to be expected 85 degrees real feel of 97 degrees with 51% chance of rain (moderate risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 446			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 May 2018 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 14,414	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 156,714		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 89 °F		7		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	02:30	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:04	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	05:28	0.0		
			1		CONNECTING:	00:00	00:31	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	03:39	0.0		
			0		DISCONNECTING:	00:00	00:19	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:40	0.0		
			5,855		TOTALS:	00:00	18:11	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,000		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	14,414	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	01:29	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	04:20	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	05:49	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 446
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 May 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

3 loads pumped on Ship Island today: 14,414 CY
 34 loads pumped on Ship Island to date: 156,714 CY

31 loads dug in Horn Island Pass Borrow Area to date: 142,300 CY

Six Delays Today:

215min - Wait on Ellis Island (four delays)
 89min - Troubleshoot issues with main engine turbo
 45min - Taking on stores and oil tote

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

SITE CONDITIONS & HOUSEKEEPING:

86 degrees, real feel 97 degrees with 59% chance of rain. (moderated risk)
 tomorrow to be expected 86 degrees real feel of 99 degrees with 56% chance of rain (moderate risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 446			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 May 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 31,986	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,963,738		
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>				
	DENSITY OF WATER			<u>1025</u>		GMS/LITER@ <u>68</u> °F				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 89 °F		7		25		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	05:04	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:47	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:04	0.0	
			1		CONNECTING:		00:00	01:13	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:12	0.0	
			0		DISCONNECTING:		00:00	00:44	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:06	0.0	
			1,977		TOTALS:		00:00	23:10	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	31,986	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:19	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:31	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:50	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 446
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 May 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging in HIP 3 and pumping out on subline #2.

3 loads pumped on Ship Island today: 31,986 CY

192 loads pumped on Ship Island to date: 1,955,956 CY

115 loads dug in OCS West Borrow Area to date: 1,218,695 CY

77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Three Delays Today:

29min - Ballast down

19min - STBD DE not staying online

2min - Booster not responding to radio

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

SITE CONDITIONS & HOUSEKEEPING:

86 degrees, real feel 97 degrees with 59% chance of rain. (moderated risk)

tomorrow to be expected 86 degrees real feel of 99 degrees with 56% chance of rain (moderate risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 447			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 May 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	9,723	1,973,461			
AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)	VISIBILITY	WIND				
	Weather Caused No Delay			71 °F / 88 °F	10	12				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	02:16	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:	00:00	02:43	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:	00:00	00:37	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	2,500	DUMPING:	00:00	05:29	0.0	
GALLONS OF WATER CONSUMED				GAL	500	DISCONNECTING:	00:00	00:27	0.0	
WORK PERFORMED					TO CUT:	00:00	02:27	0.0		
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	14:29	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
1	9,723	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	07:31	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	02:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	09:31	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 447
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 May 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2.

1 load pumped on Ship Island today: 9,723 CY

193 loads pumped on Ship Island to date: 1,965,679 CY

116 loads dug in OCS West Borrow Area to date: 1,228,418 CY

77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Five Delays Today:

429min - Troubleshoot STBD main engine: shaft not at proper speed

115min - Wait on Liberty

15min - Troubleshoot STBD main engine controls on bridge

7min - Troubleshoot main engine steering

5min - Crew change

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

BEHAVIORALS OBSERVATIONS:

Crew was making the necessary arrangements in preparation for the incoming storm.

SITE CONDITIONS & HOUSEKEEPING:

86 degrees, real feel 99 degrees with 59% chance of rain. (moderated risk)

tomorrow to be expected 84 degrees real feel of 95 degrees with 56% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO Conducted a JSA audit

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 447			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 May 2018 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 4,470	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 161,184		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>82 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			70 °F / 87 °F		10		12		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	00:53	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	02:32	0.0
				1	CONNECTING:		00:00	00:39	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	01:18	0.0
				0	DISCONNECTING:		00:00	01:18	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	02:40	0.0
				3,680	TOTALS:		00:00	09:35	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				900	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	4,470	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	14:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:25	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:		00:00	14:25	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 447
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 24 May 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island

1 loads pumped on Ship Island today: 4,470 CY
35 loads pumped on Ship Island to date: 161,184 CY

35 loads dug in Horn Island Pass Borrow Area to date: 161,184 CY

Four Delays Today:

- 775min - Main engine exhaust billows ruptured
- 65min - Increased sailing time due to issues with STBD CPP
- 15min - No velocity during pumpout, twisted turning gland
- 10min - Not showing proper velocity

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

BEHAVIORALS OBSERVATIONS:

Crew was making the necessary arrangements in preparation for the incoming storm.

SITE CONDITIONS & HOUSEKEEPING:

86 degrees, real feel 99 degrees with 59% chance of rain. (moderated risk)
tomorrow to be expected 84 degrees real feel of 95 degrees with 56% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO Conducted a JSA audit

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 448
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 May 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,267	1,994,728
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:03	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	02:22	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:12	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	1,738	DUMPING:	00:00	02:31	0.0
GALLONS OF WATER CONSUMED		GAL	250	DISCONNECTING:	00:00	00:19	0.0
WORK PERFORMED				TO CUT:	00:00	04:56	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	12:50	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	21,267	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	11:10	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	11:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	21,267	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 448
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 May 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping out on subline #2. After the last load of the day, the dredge sailed back to OCS West to flush the hopper in preparation for the project shutdown for tropical storm Alberto.

2 loads pumped on Ship Island today: 21,267 CY
 195 loads pumped on Ship Island to date: 1,986,946 CY

118 loads dug in OCS West Borrow Area to date: 1,249,685 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

One Delay Today:

670min - Porject shutdown for Tropical Storm Alberto

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

BEHAVIORALS OBSERVATIONS:

Crew was making the necessary arrangements in preparation for the incoming storm.

SITE CONDITIONS & HOUSEKEEPING:

86 degrees, real feel 99 degrees with 59% chance of rain. (moderated risk)
 tomorrow to be expected 84 degrees real feel of 95 degrees with 56% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO Conducted a JSA audit

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 448			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 May 2018 - Friday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 14,040	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			73 °F / 88 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	01:27	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	02:51	0.0		
				1	CONNECTING:	00:00	00:19	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	02:08	0.0		
				0	DISCONNECTING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	03:25	0.0		
				4,872	TOTALS:	00:00	10:24	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				700	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
3	14,040	Ship Island	0		MINOR OPERATING REPAIRS:	00:00	02:11	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	01:40	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	03:51	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	09:45	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	09:45	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 448
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 May 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #2 onto Ship Island. After pumping out the last load of the day, the dredge went to dock for repairs and is off-contract.

3 loads pumped on Ship Island today: 14,040 CY
38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

Five Delays Today:

585min - Shut down for Tropical Storm Alberto.
131min - Increase sail time due to issues with the STBD CPP (three delays)
100min - Wait on Ellis Island

SAFETY

PRE-SHIFT MEETING:

Deck Captain asked about any safety issues or concerns, also talked about the weather and heat index. Also Captain talked about the loading and off loading of equipment.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment and forklift, hot work and hot weather.

BEHAVIORALS OBSERVATIONS:

Crew was making the necessary arrangements in preparation for the incoming storm.

SITE CONDITIONS & HOUSEKEEPING:

86 degrees, real feel 99 degrees with 59% chance of rain. (moderated risk)
tomorrow to be expected 84 degrees real feel of 95 degrees with 56% chance of rain (moderate risk)

GENERAL COMMENTS:

SSHO Conducted a JSA audit

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 449			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 May 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				4,872	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				700	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 449
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 May 2018 - Saturday

GENERAL COMMENTS

The Liberty Island remained off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 449
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 May 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	1,994,728
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	73 °F / 87 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	9	30					
AFT				EFFECTIVE WORKING TIME:			
	9	30		PUMPING:	00:00	00:00	0.0
				TURNING:	00:00	00:00	0.0
				TO DUMP:	00:00	00:00	0.0
				CONNECTING:	00:00	00:00	0.0
				DUMPING:	00:00	00:00	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 449
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 May 2018 - Saturday

GENERAL COMMENTS

Ellis at Port of Gulfport all day due to project shutdown from TS Alberto.

195 loads pumped on Ship Island to date: 1,986,946 CY

118 loads dug in OCS West Borrow Area to date: 1,249,685 CY

77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

SAFETY

PRE-SHIFT MEETING:

During the Pre-shift meetings at the welders yard, the Supervisor gave crew members an opportunity to discuss any safety concerns from the previous day and review safe work practices. Supervisor discussed severe weather incoming and tying equipment down and picking up loose items to keep from flying debris. SSHO discussed hydration and Memorial day weekend safety.

JSA DISCUSSIONS:

Personnel Transfer; Crane Lift; Housekeeping/Sanitary; Moving equipment

BEHAVIORALS OBSERVATIONS:

Observed crews moving equipment, tying down and making preparations for severe weather.

SITE CONDITIONS & HOUSEKEEPING:

85 degrees, real feel 95 degrees with 67% chance of rain. (moderated risk)

tomorrow to be expected 85 degrees real feel of 95 degrees with 70% chance of heavy thunder storms (moderate risk)

GENERAL COMMENTS:

SSHO conducted PS inspection on board the tug Miss Niz (Haz Substances - Chemicals)

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 450
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 May 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	175,224
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30	EFFECTIVE WORKING TIME:			
AFT	9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>			TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:00	0.0
		1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0
		0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	00:00	0.0
		4,872	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		700	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 450
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 May 2018 - Sunday

GENERAL COMMENTS

The Liberty Island off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 450
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 May 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	1,994,728
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	73 °F / 87 °F	10	16

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30	EFFECTIVE WORKING TIME:			
AFT			PUMPING:	00:00	00:00	0.0
	9	30	TURNING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	00:00	0.0
		1	DISCONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	00:00	0.0
		0	TOTALS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		250	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 450
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 May 2018 - Sunday

GENERAL COMMENTS

Ellis at Port of Gulfport all day due to project shutdown from TS Alberto.

195 loads pumped on Ship Island to date: 1,986,946 CY

118 loads dug in OCS West Borrow Area to date: 1,249,685 CY

77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

SAFETY

BEHAVIORALS OBSERVATIONS:

Crews were laid off today due to severe weather storm approaching.

SITE CONDITIONS & HOUSEKEEPING:

87 degrees, real feel 95 degrees with 60% chance of rain. (moderated risk)

tomorrow to be expected 82 degrees real feel of 85 degrees, windy with 65% chance of rain (Low risk)

GENERAL COMMENTS:

Visited the Miss Niz and Lady Joyelle - conducted Haz Substance - Chemicals inspection. Deficiencies noted and entered into PS.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008			CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 451	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 28 May 2018 - Monday		
DREDGE (Liberty Island)		HOPPER CAP: 5,000 CY		AVG VOL OF BIN WATER: 10,950 CY		AVG UNFILLED CAP: 4,385 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		HIP 1	HIP 1		Ship Island		0	175,224			
		AVG LENGTH OF CUT 4,771 FT		AVG WIDTH OF CUT 1,602 FT		AVG DIST TO DUMP 35 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						GMS/LITER 1850			
		DENSITY OF WATER				1025		GMS/LITER@ 82 °F			
RIVER/TIDE STAGE		MIN 0	TIME 19:10	MAX 1	TIME 09:56	GAGE LOCATION Air Force Tower					
		MIN 0	TIME 19:59	MAX 1	TIME 10:26	GAGE DATUM NAVD88					
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND			
		Non Work Day		73 °F / 88 °F		10		13			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9	30					EFFECTIVE WORKING TIME:			
AFT		9	30					PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX 34 MIN 35							TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 05/14/2018							TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN			CONNECTING:	00:00	00:00	0.0
					1			DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN			DISCONNECTING:	00:00	00:00	0.0
					0			TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED					GAL			TOTALS:	00:00	00:00	0.0
					4,872			NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED					GAL			TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
					700			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
WORK PERFORMED											
DREDGING AND HAULING				AGITATING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS							
							LOSS DUE TO NATURAL ELEMENTS:				
							00:00				
							LOSS DUE TO TRAFFIC AND BRIDGES				
							00:00				
							MINOR OPERATING REPAIRS:				
							00:00				
							TRANSFERRING BETWEEN WORKS:				
							00:00				
							LAY TIME:				
							00:00				
							FIRE AND BOAT DRILLS:				
							00:00				
							MISCELLANEOUS:				
							00:00				
							TOTALS:				
							00:00				
ATTENDANT PLANT											
ITEM	NAME OR NUMBER			H.P.	HOURS						
							LOST TIME:				
							MAJOR REPAIRS AND ALTERATIONS:				
							00:00				
							CESSATION:				
							00:00				
							COLLISIONS:				
							00:00				
							TOTALS:				
							00:00				
							TOTAL TIME/MILES:				
							00:00				
							24:00				
							0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 451
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 May 2018 - Monday

GENERAL COMMENTS

The Liberty Island remained off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

SAFETY

BEHAVIORALS OBSERVATIONS:

Crews were laid off today due to severe weather storm approaching.

SITE CONDITIONS & HOUSEKEEPING:

87 degrees, real feel 90 degrees with 60% chance of rain and high winds. (moderated risk)

tomorrow to be expected 88 degrees real feel of 98 degrees, windy with 55% chance of rain (Moderate risk)

GENERAL COMMENTS:

Visited the Miss Niz - conducted Safety Orientation for two personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 451		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 May 2018 - Monday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West		OCS West		Ship Island		0	1,994,728	
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>		
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	
				GAGE LOCATION		Air Force Tower			
				GAGE DATUM		NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused Critical Delay			73 °F / 90 °F		10		16	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	00:00	0.0	
		FT/MIN		CONNECTING:		00:00	00:00	0.0	
		1	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:00	0.0	
		FT/MIN		TO CUT:		00:00	00:00	0.0	
		0	TOTALS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:					
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
		500	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	24:00	0.0	
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
		250	MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0
					MISCELLANEOUS:		00:00	00:00	0.0
					TOTALS:		00:00	24:00	0.0
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 451
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 May 2018 - Monday

GENERAL COMMENTS

Ellis at Port of Gulfport all day due to project shutdown from TS Alberto.

195 loads pumped on Ship Island to date: 1,986,946 CY

118 loads dug in OCS West Borrow Area to date: 1,249,685 CY

77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

SAFETY

BEHAVIORALS OBSERVATIONS:

Crews were laid off today due to severe weather storm approaching.

SITE CONDITIONS & HOUSEKEEPING:

87 degrees, real feel 90 degrees with 60% chance of rain and high winds. (moderated risk)

tomorrow to be expected 88 degrees real feel of 98 degrees, windy with 55% chance of rain (Moderate risk)

GENERAL COMMENTS:

Visited the Miss Niz - conducted Safety Orientation for two personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 452			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 May 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS West		OCS West		Ship Island		0	1,994,728		
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>			
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33		
	MIN	0	TIME	01:24	MAX	1	TIME	14:23		
		GAGE LOCATION			Air Force Tower					
		GAGE DATUM			NAVD88					
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			72 °F / 90 °F		10		14		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING					TO DUMP:		00:00	00:00	0.0	
			FT/MIN		CONNECTING:		00:00	00:00	0.0	
			1	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING					DISCONNECTING:		00:00	00:00	0.0	
			FT/MIN		TO CUT:		00:00	00:00	0.0	
			0	TOTALS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED					NON-EFFECTIVE WORKING TIME:					
			GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
			315	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED					LOSS DUE TO NATURAL ELEMENTS:		00:00	24:00	0.0	
			GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
			500	MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
WORK PERFORMED				AGITATING		TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
DREDGING AND HAULING					LAY TIME:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 452
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 May 2018 - Tuesday

GENERAL COMMENTS

Ellis began the day at Port of Gulfport all day due to project shutdown from TS Alberto. The dredge broke dock at 2200 and sailed to the borrow area to await placement of the booster.

195 loads pumped on Ship Island to date: 1,986,946 CY

118 loads dug in OCS West Borrow Area to date: 1,249,685 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

SAFETY

PRE-SHIFT MEETING:

Tug Mackie - Captain discussed daily operations, keep an eye on the mooring lines so they don't get too tight and snap causing a injury and housekeeping.

JSA DISCUSSIONS:

Mooring operations, Pulling and Stowing Mooring Lines, Checking Dragarms, Housekeeping/Sanitary, Crane Lifts

BEHAVIORALS OBSERVATIONS:

Observed crews at the welders yard getting equipment ready to be taking back out to the beach site.

SITE CONDITIONS & HOUSEKEEPING:

89 degrees, real feel 98 degrees with 55% chance of rain and high winds. (moderated risk)
tomorrow to be expected 88 degrees real feel of 99 degrees with 60% chance of rain (Moderate risk)

GENERAL COMMENTS:

Conducted Haz Substance - Chemical PS inspection on the Tug Mackie/Ellis Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008			CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 452						
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 29 May 2018 - Tuesday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
		HIP 1	HIP 1		Ship Island		0	175,224							
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM									
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						GMS/LITER <u>1850</u>							
		DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>82 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower					
		MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88					
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Non Work Day		73 °F / 88 °F		10		13							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
				9		30									
AFT				9		30									
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						PUMPING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TURNING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		4,872		CONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED				GAL		700		DUMPING:		00:00		00:00		0.0	
WORK PERFORMED						DISCONNECTING:		00:00		00:00		0.0			
DREDGING AND HAULING			AGITATING			TO CUT:		00:00		00:00		0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TOTALS:		00:00		00:00		0.0			
						NON-EFFECTIVE WORKING TIME:		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		00:00		0.0	
ATTENDANT PLANT						MAJOR REPAIRS AND ALTERATIONS:		00:00		24:00		0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS		CESSATION:		00:00		00:00		0.0			
						COLLISIONS:		00:00		00:00		0.0			
						TOTALS:		00:00		24:00		0.0			
						TOTAL TIME/MILES:		00:00		24:00		0.0			

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 452
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 29 May 2018 - Tuesday	

GENERAL COMMENTS

The Liberty Island remained off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

SAFETY

PRE-SHIFT MEETING:

Tug Mackie - Captain discussed daily operations, keep an eye on the mooring lines so they don't get too tight and snap causing a injury and housekeeping.

JSA DISCUSSIONS:

Mooring operations, Pulling and Stowing Mooring Lines, Checking Dragarms, Housekeeping/Sanitary, Crane Lifts

BEHAVIORALS OBSERVATIONS:

Observed crews at the welders yard getting equipment ready to be taking back out to the beach site.

SITE CONDITIONS & HOUSEKEEPING:

89 degrees, real feel 98 degrees with 55% chance of rain and high winds. (moderated risk)
tomorrow to be expected 88 degrees real feel of 99 degrees with 60% chance of rain (Moderate risk)

GENERAL COMMENTS:

Conducted Haz Substance - Chemical PS inspection on the Tug Mackie/Ellis Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 453			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 May 2018 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>				
	DENSITY OF WATER			1025		GMS/LITER@ <u>82 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0
				1	CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0
				0	DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0
				0	TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 453
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 May 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 453	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 May 2018 - Wednesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS West	OCS West		Ship Island	0	1,994,728		
AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>				
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33
	MIN	0	TIME	01:24	MAX	1	TIME	14:23
GAGE LOCATION		Air Force Tower						
GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused Critical Delay		75 °F / 89 °F		10		15	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30					
AFT		9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:32	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:34	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	02:55	0.0	
			1	CONNECTING:	00:00	00:19	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	02:13	0.0	
			0	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0	
			1,500	TOTALS:	00:00	08:33	0.0	
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	13:13	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:	00:00	01:54	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:20	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	15:27	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 453
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 May 2018 - Wednesday

GENERAL COMMENTS

Ellis began the day in the borrow area awaiting installation of the booster. The booster installation was completed and the dredge resumed digging operations at 1320. Load was not completed before midnight.

0 loads pumped on Ship Island today: 0 CY
 195 loads pumped on Ship Island to date: 1,986,946 CY

118 loads dug in OCS West Borrow Area to date: 1,249,685 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Three Delays Today:

793min - Project shutdown for TS Alberto weather event
 114min - Troubleshooting dredge pump
 20min - Crew change

SAFETY

PRE-SHIFT MEETING:
 Tug Mackie - Captain discussed heat index and hydration.

JSA DISCUSSIONS:
 Personnel Transfer; Crane Lift; Housekeeping/Sanitary; Connecting/Disconnecting to the Cube; Inspecting/Cleaning Dragheads; Checking Dragarms; Hot Work - Welding, Cutting, Grinding; Using the Incinerator.

BEHAVIORALS OBSERVATIONS:
 Observed welders conducting hot work tasks

SITE CONDITIONS & HOUSEKEEPING:
 89 degrees, real feel 98 degrees with 40% chance of rain. (moderated risk)
 tomorrow to be expected 88 degrees real feel of 99 degrees with 7% chance of rain (Moderate risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 454
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 May 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	175,224
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	9	30	EFFECTIVE WORKING TIME:				
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>			TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:00	0.0	
		1	DUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0	
		0	TO CUT:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	00:00	0.0	
		0	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
		0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN					
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
				MINOR OPERATING REPAIRS:			00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:			00:00	00:00	0.0
				LAY TIME:			00:00	00:00	0.0
				FIRE AND BOAT DRILLS:			00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN					
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			00:00	00:00	0.0
				TOTALS:			00:00	00:00	0.0
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:			00:00	24:00	0.0
				CESSATION:			00:00	00:00	0.0
				COLLISIONS:			00:00	00:00	0.0
				TOTALS:			00:00	24:00	0.0
				TOTAL TIME/MILES:			00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 454
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 31 May 2018 - Thursday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 454	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 31 May 2018 - Thursday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West		OCS West		Ship Island		28,781	2,023,509	
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				1025	GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			79 °F / 89 °F	10			13	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	05:11	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	01:03	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	04:53	0.0	
				1	CONNECTING:	00:00	00:30	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	05:19	0.0	
				0	DISCONNECTING:	00:00	01:05	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	05:59	0.0	
				2,972	TOTALS:	00:00	24:00	0.0	
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:				
				500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	28,781	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
					MISCELLANEOUS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 454
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 31 May 2018 - Thursday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

3 loads pumped on Ship Island today: 28,781 CY
 198 loads pumped on Ship Island to date: 1,986,946 CY

121 loads dug in OCS West Borrow Area to date: 1,278,466 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:
 Tug Mackie - Captain discussed heat index and hydration.

JSA DISCUSSIONS:
 Personnel Transfer; Crane Lift; Housekeeping/Sanitary; Connecting/Disconnecting to the Cube; Inspecting/Cleaning Dragheads; Checking Dragarms; Hot Work - Welding, Cutting, Grinding; Using the Incinerator.

SITE CONDITIONS & HOUSEKEEPING:
 88 degrees, real feel 99 degrees cloudy with lots of sun. (moderated risk)
 tomorrow to be expected 89 degrees real feel of 101 partly sunny. (High risk)

GENERAL COMMENTS:
 Conducted a safety inspection on board the Ohio River with the USCG. Ohio River had a small engine fire. Captain and crew worked well together to extinguish the fire. Minor deficiencies noted and Crew Boat Captain is working to correct deficiencies.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 455			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Jun 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	10,540	2,034,049			
AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			77 °F / 89 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	03:59	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	01:12	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:42	0.0		
			1		CONNECTING:	00:00	00:39	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:08	0.0		
			0		DISCONNECTING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	01:58	0.0		
			2,202		TOTALS:	00:00	16:52	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			750		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
1	10,540	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	07:08	0.0	
ATTENDANT PLANT					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	00:00	0.0		
					TOTALS:	00:00	07:08	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 455
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Jun 2018 - Friday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

1 load pumped on Ship Island today: 10,540 CY
 199 loads pumped on Ship Island to date: 2,026,267 CY

122 loads dug in OCS West Borrow Area to date: 1,289,006 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

One Delay Today:

428min - Clean plugged raw water strainers and flush system on barge

SAFETY

PRE-SHIFT MEETING:
 Tug Mackie - Captain discussed heat index and hydration.

JSA DISCUSSIONS:
 Painting, Using Impact Gun, Working with power tools, Using cutting torch, Chipping and Grinding, Replacing dump door, Enter confined spaces.

BEHAVIORAL OBSERVATIONS:
 Observed welders conducting hot work tasks

SITE CONDITIONS & HOUSEKEEPING:
 87 degrees, real feel 98 degrees cloudy with 57% chance of rain. (moderated risk)
 tomorrow to be expected 90 degrees real feel of 102 partly sunny. (High risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 455					
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 01 Jun 2018 - Friday					
DREDGE (Liberty Island)				HOPPER CAP: <u>5,000</u> CY				AVG VOL OF BIN WATER: <u>10,950</u> CY				AVG UNFILLED CAP: <u>4,385</u> CY					
				NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK			
LOCATION OF WORK				LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224					
				AVG LENGTH OF CUT <u>4,771</u> FT				AVG WIDTH OF CUT <u>1,602</u> FT				AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL				DENSITY OF MATERIALS				GMS/LITER <u>1850</u>									
				DENSITY OF WATER				1025				GMS/LITER@ <u>82 °F</u>					
RIVER/TIDE STAGE				MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower					
				MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88					
WEATHER CONDITION				WEATHER Non Work Day				TEMP (min / max) 73 °F / 88 °F		VISIBILITY 10		WIND 13					
DRAFT								DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)					
				9		30											
AFT																	
				9		30											
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				INDICATORS LAST CHECKED ON <u>05/14/2018</u>													
AVERAGE SPEED OF DREDGE DURING LOADING						FT/MIN											
						1											
AVERAGE SPEED OF DREDGE DURING AGITATING						FT/MIN											
						0											
GALLONS OF FUEL OIL CONSUMED						GAL											
						0											
GALLONS OF WATER CONSUMED						GAL											
						0											
WORK PERFORMED								NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING				AGITATING				TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0			
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0			
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0			
								MINOR OPERATING REPAIRS:		00:00		00:00		0.0			
								TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0			
								LAY TIME:		00:00		00:00		0.0			
								FIRE AND BOAT DRILLS:		00:00		00:00		0.0			
								MISCELLANEOUS:		00:00		00:00		0.0			
								TOTALS:		00:00		00:00		0.0			
ATTENDANT PLANT								LOST TIME:									
ITEM		NAME OR NUMBER				H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		24:00		0.0	
										CESSATION:		00:00		00:00		0.0	
										COLLISIONS:		00:00		00:00		0.0	
										TOTALS:		00:00		24:00		0.0	
										TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 455
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Jun 2018 - Friday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 456					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Jun 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island		30,470	2,064,519				
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68</u> °F					
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33				
	MIN	0	TIME	01:24	MAX	1	TIME	14:23				
	GAGE LOCATION			Air Force Tower								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		78 °F / 93 °F		10		10					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
		9		30								
AFT		9		30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	04:36	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:49	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	05:14	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:33	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	2,500	DUMPING:					00:00	06:10	0.0
GALLONS OF WATER CONSUMED			GAL	250	DISCONNECTING:					00:00	00:49	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
3	30,470	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 456
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 02 Jun 2018 - Saturday	

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

3 loads pumped on Ship Island today: 30,470 CY
202 loads pumped on Ship Island to date: 2,056,737 CY

125 loads dug in OCS West Borrow Area to date: 1,319,476 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Mate discussed daily tasks. SSHO discussed heat index and staying hydration while conducting tasks.

JSA DISCUSSIONS:

House/Deck Washing; Using the Incinerator; Housekeeping/Sanitary; Painting; Personnel Transferring; Hot Work - Welding, Cutting, Grinding; Connecting/Disconnecting to the Cube; Inspecting/Cleaning Dragheads; Endangered Species Inspection.

BEHAVIORAL OBSERVATIONS:

Observed crew on the Ellis Island conducting crane operations, loading/unloading supplies on the crew boat. Crew worked and communicate safely with the crew boat crew.

SITE CONDITIONS & HOUSEKEEPING:

91 degrees, real feel 102 degrees some sun with a 55% chance of rain. (High risk)
tomorrow to be expected 92 degrees real feel of 104 partly sunny with a 55% chance of rain. (High risk)

GENERAL COMMENTS:

SSHO conducted a water sample and AED inspection on the Tug Mackie and Ellis Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 456
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Jun 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	175,224
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30	EFFECTIVE WORKING TIME:			
AFT	9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>			TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:00	0.0
		1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0
		0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	00:00	0.0
		0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 456
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 02 Jun 2018 - Saturday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 457			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Jun 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	20,559	2,085,078			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			78 °F / 96 °F		9		14		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	04:49	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	01:27	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	06:36	0.0	
			1	CONNECTING:		00:00	00:41	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	04:26	0.0	
			0	DISCONNECTING:		00:00	00:29	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:01	0.0	
			2,500	TOTALS:		00:00	22:29	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	20,559	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	01:31	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:00	0.0	
					TOTALS:		00:00	01:31	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 457
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Jun 2018 - Sunday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

2 loads pumped on Ship Island today: 20,559 CY
 204 loads pumped on Ship Island to date: 2,077,296 CY

127 loads dug in OCS West Borrow Area to date: 1,340,035 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

One Delay Today:

91min - Troubleshoot throttle alarm

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain had a debrief on the earlier Fire Drill, also discussed heat index and the previous injuries and how to prevent them. Stretch and Flex was performed at the conclusion of the meeting.

JSA DISCUSSIONS:

Using the Incinerator; Housekeeping; Painting; Hot Work; General Engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Observed Crew conducting a Fire Drill on the Dredge Liberty Island. Crew performed well under timed conditions.

SITE CONDITIONS & HOUSEKEEPING:

93 degrees, real feel 105 degrees some sun with a 35% chance of rain. (High risk)
 tomorrow to be expected 91 degrees real feel of 101 sunny. (High risk)

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 457			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Jun 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0
				1	CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0
				0	DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0
				0	TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 457
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Jun 2018 - Sunday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 458
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Jun 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,406	2,106,484
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	78 °F / 90 °F	9	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:26	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	02:16	0.0
			1	CONNECTING:	00:00	00:38	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	05:40	0.0
			0	DISCONNECTING:	00:00	00:50	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	04:05	0.0
			3,621	TOTALS:	00:00	15:55	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			250	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	01:40	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:20	0.0
2	21,406	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	05:30	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:35	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	08:05	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 458
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 Jun 2018 - Monday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

2 loads pumped on Ship Island today: 21,406 CY
206 loads pumped on Ship Island to date: 2,098,702 CY

129 loads dug in OCS West Borrow Area to date: 1,361,441 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

- 330min - Troubleshoot loss of port throttle control
- 100min - High winds/squalls at cube prevent hooking up
- 35min - Wait on booster
- 20min - Slow bell to avoid shipping vessel on sail to borrow area

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain had a debrief on the earlier Fire Drill, also discussed heat index and the previous injuries and how to prevent them. Stretch and Flex was performed at the conclusion of the meeting.

JSA DISCUSSIONS:

Using the Incinerator; Housekeeping; Painting; Hot Work; General Engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Observed Crew conducting a Fire Drill on the Dredge Liberty Island. Crew performed well under timed conditions.

SITE CONDITIONS & HOUSEKEEPING:

88 degrees, real feel 91 degrees partly sunny. (Moderate risk)
tomorrow to be expected 88 degrees real feel of 99 rain and thunder storms. (Moderate risk)

GENERAL COMMENTS:

Conducted PS inspection in the office - minor deficiencies noted and supplies have been ordered. Completed distribution of updated ERP. Conducted weekly input to NS5 of equipment inspections.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 458
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Jun 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	175,224
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			

AFT		9	30	EFFECTIVE WORKING TIME:			
				PUMPING:	00:00	00:00	0.0

DRAG DEPTH	MAX	<u>34</u>	MIN	<u>35</u>	TURNING:	00:00	00:00	0.0
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INDICATORS LAST CHECKED ON	<u>05/14/2018</u>	TO DUMP:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	DISCONNECTING:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	TO CUT:	00:00	00:00	0.0
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GALLONS OF FUEL OIL CONSUMED		GAL	0	NON-EFFECTIVE WORKING TIME:			
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GALLONS OF WATER CONSUMED		GAL	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
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WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
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DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0

				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
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				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
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				LAY TIME:	00:00	00:00	0.0
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ATTENDANT PLANT				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0

				TOTALS:	00:00	00:00	0.0
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				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0

				CESSATION:	00:00	00:00	0.0
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				COLLISIONS:	00:00	00:00	0.0
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				TOTALS:	00:00	24:00	0.0
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				TOTAL TIME/MILES:	00:00	24:00	0.0
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QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 458
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Jun 2018 - Monday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 404 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 459
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Jun 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	10,782	2,117,266
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 90 °F	6	18

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	04:59	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	01:12	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:34	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:31	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DUMPING:	00:00	03:09	0.0
GALLONS OF WATER CONSUMED		GAL	250	DISCONNECTING:	00:00	00:20	0.0
WORK PERFORMED				TO CUT:	00:00	02:06	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	16:51	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
1	10,782	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	05:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	02:09	0.0
				TOTALS:	00:00	07:09	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 459
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Jun 2018 - Tuesday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

1 load pumped on Ship Island today: 10,782 CY
207 loads pumped on Ship Island to date: 2,109,484 CY

130 loads dug in OCS West Borrow Area to date: 1,372,223 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Three Delays Today:

300min - Repairs to port flushing pump; booster down for repairs
86min - Wait on booster repairs to broken water ring and repacking #1 pump
43min - Crane lft for stores

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day. Stretch and flex exercises were conducted.

JSA DISCUSSIONS:

Mackie/Ellis: personnel transfer, inspecting/cleaning drag heads, housekeeping/sanitary, using the incinerator, connecting/disconnecting to the cube, hot work, crane lifts, changing drag arm wires

BEHAVIORAL OBSERVATIONS:

Observed the Tug crew taking on stores. Good communication and hand signals between the crane operator, signal man and crew boat personnel. Tag lines were used properly and personnel remained clear of the suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Rain most of the day with a daytime high of 82 degrees and real feel temperatures in the low 90s.
Forecast for tomorrow is a high of 89 with a real feel temperature of 101.

GENERAL COMMENTS:

SSHO conducted monthly AED inspections on the Ohio River and Emma Kate. SSHO conducted safety walk around and Predictive Solutions inspection on the Tug Mackie. Some minor issues were discovered and fixed on the spot by the SSHO. Conducted JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 406 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 459
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Jun 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			

AFT		9	30	EFFECTIVE WORKING TIME:		
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DRAG DEPTH	MAX	<u>34</u>	MIN	<u>35</u>	PUMPING:	00:00	00:00	0.0
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INDICATORS LAST CHECKED ON	<u>05/14/2018</u>	TURNING:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
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GALLONS OF FUEL OIL CONSUMED		GAL	0	DUMPING:	00:00	00:00	0.0
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GALLONS OF WATER CONSUMED		GAL	0	DISCONNECTING:	00:00	00:00	0.0
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WORK PERFORMED			NON-EFFECTIVE WORKING TIME:			
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DREDGING AND HAULING			TAKING ON FUEL AND SUPPLIES:			
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NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	AGITATING	00:00	00:00	0.0
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				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
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				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
--	--	--	--	---------------------------------	-------	-------	-----

				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
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				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
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ATTENDANT PLANT			LAY TIME:	00:00	00:00	0.0
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ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
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				MISCELLANEOUS:	00:00	00:00	0.0
--	--	--	--	----------------	-------	-------	-----

				TOTALS:	00:00	00:00	0.0
--	--	--	--	---------	-------	-------	-----

LOST TIME:			MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
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				CESSATION:	00:00	00:00	0.0
--	--	--	--	------------	-------	-------	-----

				COLLISIONS:	00:00	00:00	0.0
--	--	--	--	-------------	-------	-------	-----

				TOTALS:	00:00	24:00	0.0
--	--	--	--	---------	-------	-------	-----

				TOTAL TIME/MILES:	00:00	24:00	0.0
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QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 407 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 459
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 05 Jun 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 460			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 06 Jun 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	21,524	2,138,790			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 91 °F		9		8		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:26	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:47	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:34	0.0	
			1	CONNECTING:		00:00	00:26	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	08:22	0.0	
			0	DISCONNECTING:		00:00	00:43	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:30	0.0	
			2,500	TOTALS:		00:00	22:48	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	21,524	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:15	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:57	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	01:12	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 460
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Jun 2018 - Wednesday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

2 loads pumped on Ship Island today: 21,524 CY
 209 loads pumped on Ship Island to date: 2,131,008 CY

130 loads dug in OCS West Borrow Area to date: 1,372,223 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Three Delays Today:

- 30min - Fill site line flush
- 27min - Calibrate new gimble wire
- 15min - Slow bell to replace lube oil pipe

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Crane Operator discussed job tasks for the day. Stretch and flex exercises were conducted.
 Fill Site: Foreman discussed job tasks for the day and emphasized housekeeping and light tower maintenance.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, bolting flanges, welding/cutting/burning

Fill Site: Moving Equipment with Forklift, Adding-Breaking Shorepipe Building and Maintaining Dikes, Fueling Equipment, Working the light Plant, Changing the Wye-Valve

BEHAVIORAL OBSERVATIONS:

Observed the crew utilizing safe work practices and wearing all required PPE while bolting flanges. Good communication and hand signals between the crane operator and signal man.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 89 with a real feel temperature of 92(moderate risk).

Forecast for tomorrow is a high of 92 and real feel of 102(moderate to high risk).

GENERAL COMMENTS:

SSHOs conducted monthly AED inspections on the Mobro 1706 and at the Fill Site. SSHO also conducted a safety walk around and Predictive Solutions inspection at the Fill Site and on the Mobro 1706. Some minor issues were discovered on the Mobro 1706 and were fixed on the spot by the SSHO. Three training issues on the Mobro 1706 were added to PS which will be corrected by the SSHO. Conducted JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 460					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 06 Jun 2018 - Wednesday					
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	HIP 1	HIP 1		Ship Island	0	175,224						
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>						
	DENSITY OF WATER			1025		GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56				
	MIN	0	TIME	19:59	MAX	1	TIME	10:26				
	GAGE LOCATION			Air Force Tower								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Non Work Day		73 °F / 88 °F		10		13					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
		9		30								
AFT		9		30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	00:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	24:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	24:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 460
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Jun 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 461			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Jun 2018 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0	TOTALS:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0			
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0			
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0			
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0			
				LAY TIME:	00:00	00:00	0.0			
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0			
				LOST TIME:						
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0			
				CESSATION:	00:00	00:00	0.0			
				COLLISIONS:	00:00	00:00	0.0			
				TOTALS:	00:00	24:00	0.0			
				TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 461
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Jun 2018 - Thursday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 461		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Jun 2018 - Thursday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West		OCS West		Ship Island		32,227	2,171,017	
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>		
	DENSITY OF WATER				1025		GMS/LITER@ <u>68</u> °F		
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	
				GAGE LOCATION		Air Force Tower			
				GAGE DATUM		NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			71 °F / 90 °F		10		10	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30					
AFT		9		30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	05:06	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	01:09	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:44	0.0	
			1		CONNECTING:	00:00	00:32	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	05:32	0.0	
			0		DISCONNECTING:	00:00	00:37	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:50	0.0	
			2,500		TOTALS:	00:00	23:30	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:				
			250		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
3	32,227	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:30	0.0
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
					MISCELLANEOUS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:30	0.0	
ATTENDANT PLANT					LOST TIME:				
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 461
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Jun 2018 - Thursday

GENERAL COMMENTS

Ellis continued digging in OCS West Borrow Area and pumping on subline #2 onto Ship Island.

3 loads pumped on Ship Island today: 32,227 CY
212 loads pumped on Ship Island to date: 2,163,235 CY

135 loads dug in OCS West Borrow Area to date: 1,425,974 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

One Delay Today:

30min - Slow bell to replace lube of oil pipe

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Crane Operator discussed job tasks for the day. Stretch and flex exercises were conducted.
Fill Site: Foreman discussed job tasks for the day and emphasized housekeeping and light tower maintenance.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, bolting flanges, welding/cutting/burning

Fill Site: Moving Equipment with Forklift, Adding-Breaking Shorepipe Building and Maintaining Dikes, Fueling Equipment, Working the light Plant, Changing the Wye-Valve

BEHAVIORAL OBSERVATIONS:

Observed the crew utilizing safe work practices and wearing all required PPE while bolting flanges. Good communication and hand signals between the crane operator and signal man.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 91 with a real feel temperature of 101(moderate-high risk).

Forecast for tomorrow is a high of 92 and real feel of 102(moderate-high risk).

GENERAL COMMENTS:

SSHO attended monthly safety conference call. Installed a first aid kit and inspection record in office and signed off outstanding open issue. SSHO conducted a Predictive Solutions inspection on the AB 113. Some of the issues that were discovered were fixed on the spot. The remaining issues were added to the PS database. SSHO ordered safety items to fix some of these issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 462		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Jun 2018 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,171,017	
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				1025	GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	
GAGE LOCATION		Air Force Tower							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			73 °F / 90 °F		10		14	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	00:28	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	02:17	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				CONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				DUMPING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				DISCONNECTING:		00:00	00:00	0.0	
				TO CUT:		00:00	00:00	0.0	
				TOTALS:		00:00	02:45	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:		00:00	20:31	0.0	
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:		00:00	00:44	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:		00:00	21:15	0.0	
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
				CESSATION:		00:00	00:00	0.0	
				COLLISIONS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:00	0.0	
				TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 462
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Jun 2018 - Friday

GENERAL COMMENTS

Ellis was on standby at the pumpout today waiting for repairs to the stuffing box on the booster's #1 pump. After repairs were completed, the dredge began pumping water to test the repairs on the pump. During the water test, the booster's #1 pump continued to leak. Crews are currently constructing the piping configuration to bypass the #1 pump.

No Loads completed today.

0 loads pumped on Ship Island today: 0 CY
212 loads pumped on Ship Island to date: 2,163,235 CY

135 loads dug in OCS West Borrow Area to date: 1,425,974 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

1231min - Dredge waiting for booster repair
44min - Pumping water to test booster pump

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Booster Chief discussed job tasks for the day. SSHO emphasized hydration and provided Sqwincher hydration drink mixes to the crew.

JSA DISCUSSIONS:

Wadmalaw: shoveling sand, housekeeping

Fill Site: Moving Equipment with Forklift, Adding-Breaking Shorepipe Building and Maintaining Dikes, Fueling Equipment, Working the light Plant, Changing the Wye-Valve

BEHAVIORAL OBSERVATIONS:

Observed the booster crew utilizing safe work practices and wearing all required PPE while cleaning out the pump room. Observed safe vessel transfers by all crews throughout the day.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 92 with a real feel temperature of 102(moderate-high risk).

Forecast for tomorrow is a high of 90 and real feel of 100(moderate-high risk). 40% chance of rain

GENERAL COMMENTS:

Wadmalaw: SSHO conducted AED monthly inspection. All project monthly AED inspections are now complete for June. SSHO conducted a Predictive Solutions inspection. Two issues were added to the PS database and SSHO ordered safety items to fix the issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 462			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Jun 2018 - Friday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0
				1	CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0
				0	DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0
				0	TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 462
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Jun 2018 - Friday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 463
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Jun 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	10,663	2,181,680
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 89 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	02:10	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:48	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	00:08	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:17	0.0
			1	DUMPING:	00:00	02:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:11	0.0
			0	TO CUT:	00:00	01:50	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	07:50	0.0
			1,500	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			250	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN					
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
1	10,663	Ship Island	0	MINOR OPERATING REPAIRS:			00:00	16:10	0.0
				TRANSFERRING BETWEEN WORKS:			00:00	00:00	0.0
				LAY TIME:			00:00	00:00	0.0
				FIRE AND BOAT DRILLS:			00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN					
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			00:00	00:00	0.0
				TOTALS:			00:00	16:10	0.0
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:			00:00	00:00	0.0
				CESSATION:			00:00	00:00	0.0
				COLLISIONS:			00:00	00:00	0.0
				TOTALS:			00:00	00:00	0.0
				TOTAL TIME/MILES:			00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 463
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 09 Jun 2018 - Saturday	

GENERAL COMMENTS

Ellis began the day on standby at the pumpout waiting for booster repairs. Repairs were completed at 1520 and dredge resumed operations. Dredge continued digging in OCS West and pumping out on subline #2 onto Ship Island.

1 load pumped on Ship Island today: 10,663 CY
213 loads pumped on Ship Island to date: 2,173,898 CY

135 loads dug in OCS West Borrow Area to date: 1,425,974 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Three Delays Today:

908min - Dredge waiting for booster repair
32min - Dredge pumping water to test booster repairs
30min - Cleaning out hopper

SAFETY

PRE-SHIFT MEETING:
Wadmalaw: Booster Chief discussed job tasks for the day. SSHO once again emphasized heat awareness and hydration.

JSA DISCUSSIONS:
Wadmalaw: Put on/remove engine stack covers, house keeping/sanitary
Bullgang: remove front door from main pump, crane lift, tighten bolts on flanges. welding/cutting/burning

BEHAVIORAL OBSERVATIONS:
Observed the Booster/ bullgang crews working well together. Supervisors/SSHO were ensuring crews took breaks and hydrated.
Observed the bullgang utilizing safe work practices and wearing all required PPE while removing the front door from the main pump.
Good communication between the operator and crew while lifting the door. Good use of tag lines.
Observed the booster crew safely performing maintenance on the engine stack covers.

SITE CONDITIONS & HOUSEKEEPING:
Hot and humid today with a daytime high of 90 with a real feel temperature of 100(moderate-high risk).
Forecast for tomorrow is a high of 88 and real feel of 100(moderate-high risk). 40% chance of rain.
Booster crews are doing a good job of house keeping and maintaining their respective work areas.

GENERAL COMMENTS:
Wadmalaw: SSHO conducted a Predictive Solutions inspection. Issues that were discovered were added to the PS data base.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 463			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Jun 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>				
	DENSITY OF WATER			<u>1025</u>		GMS/LITER@ <u>82 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0
				1	CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0
				0	DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0
				0	TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 463
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Jun 2018 - Saturday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 464			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Jun 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				0	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 464
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Jun 2018 - Sunday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 464					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Jun 2018 - Sunday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS West		OCS West		Ship Island		10,859	2,192,539					
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>						
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33					
	MIN	0	TIME	01:24	MAX	1	TIME	14:23					
				GAGE LOCATION		Air Force Tower							
				GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay			76 °F / 89 °F		10		12					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30									
AFT			9	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:					00:00	02:29	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:					00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:					00:00	04:34	0.0	
			1		CONNECTING:					00:00	00:25	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:					00:00	05:07	0.0	
			0		DISCONNECTING:					00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:					00:00	02:19	0.0	
			2,576		TOTALS:					00:00	15:50	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:								
			250		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0
1	10,859	Ship Island		0	MINOR OPERATING REPAIRS:					00:00	01:13	0.0	
					TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
					LAY TIME:					00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
					MISCELLANEOUS:					00:00	06:57	0.0	
					TOTALS:					00:00	08:10	0.0	
ATTENDANT PLANT					LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
					CESSATION:					00:00	00:00	0.0	
					COLLISIONS:					00:00	00:00	0.0	
					TOTALS:					00:00	00:00	0.0	
					TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 464
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Jun 2018 - Sunday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island. The bullgang pushed subline #2 to its new location now around station 44+50.

1 load pumped on Ship Island today: 10,859 CY
214 loads pumped on Ship Island to date: 2,184,757 CY

137 loads dug in OCS West Borrow Area to date: 1,447,496 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Five Delays Today:

- 249min - Waiting for bullgang to swing pipe.
- 94min - Hopper fill test
- 74min - Fill site line flush
- 56min - Dredge cooling pump
- 17min - Testing collection line valve

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day including moving sub line and emphasized hand placement. Also discussed SALT book topic "PPE". Stretch and flex as well as SHAKE exercises conducted.

Wadmalaw: Booster Chief discussed job tasks for the day.

JSA DISCUSSIONS:

Fill Site: working the light plant, building/maintaining dikes, moving equipment with forklift, extracting sub line from shore, adding/breaking shore pipe.

Wadmalaw: install new hydraulic hoses, house keeping/sanitary, engine oil change, safety Sunday checks, receiving/transferring fuel, changing oil in thrust bearing

BEHAVIORAL OBSERVATIONS:

Observed the heavy equipment operators utilizing safe work practices and good communication while moving equipment with the fork lift. All Fill Site/Survey crews were observing the safety zone.

Observed the Watch Engineer and Oiler wearing all required PPE and using proper tools while changing the oil in the thrust bearing.

SITE CONDITIONS & HOUSEKEEPING:

Periods of rain today with a daytime high of 88 and a real feel temperature of 100(moderate-high risk).

Forecast for tomorrow is a high of 86 and real feel of 98(moderate risk). 60% chance of rain.

Fill site crews are doing a great job of house keeping and maintaining their respective work areas.

GENERAL COMMENTS:

SSHO conducted noise sampling at the Fill Site. Completed JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 465			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Jun 2018 - Monday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>				
	DENSITY OF WATER			<u>1025</u>		GMS/LITER@ <u>82 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			73 °F / 88 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0
				1	CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0
				0	DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0
				0	TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 465
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Jun 2018 - Monday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 465			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Jun 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	32,802	2,225,341			
AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			73 °F / 87 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	05:30	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	01:05	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:39	0.0	
			1	CONNECTING:		00:00	00:23	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:29	0.0	
			0	DISCONNECTING:		00:00	00:33	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:46	0.0	
			3,000	TOTALS:		00:00	23:25	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
3	32,802	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:10	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:25	0.0	
					TOTALS:		00:00	00:35	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 465
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 11 Jun 2018 - Monday	

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 32,802 CY
217 loads pumped on Ship Island to date: 2,217,559 CY

140 loads dug in OCS West Borrow Area to date: 1,480,298 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

25min - Troubleshooting valve
10min - Slow bell for port ME maintenance

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:

Mackie/Ellis: inspecting/cleaning drag heads, connecting/disconnecting to the cube, using the incinerator, personnel transfer, housekeeping/sanitary, painting

BEHAVIORAL OBSERVATIONS:

Observed safe vessel transfers by all crew. Deckhand on the crew boat ensured personnel handed over all items prior to transferring and maintained 3 points of contact. Observed the AB wearing all required PPE while painting the deck of the Ellis.

SITE CONDITIONS & HOUSEKEEPING:

Some rain showers today with a daytime high of 86 and a real feel temperature of 98(moderate-high risk).
Forecast for tomorrow is a high of 88 and real feel of 98(moderate risk). 60% chance of rain.
Dredge crews are doing a good job of house keeping and maintaining their respective work areas.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Ellis Island. Some minor issues discovered and fixed on the spot by the SSHO. Uploaded Ohio River weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 466				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 12 Jun 2018 - Tuesday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island					
	QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		21,756	2,247,097				
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			71 °F / 89 °F	10	14				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	03:39	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:43	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	06:54	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:46	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	05:30	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	00:21	0.0		
					TO CUT:	00:00	03:55	0.0		
WORK PERFORMED					TOTALS:	00:00	21:48	0.0		
					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING		AGITATING			TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
2	21,756	Ship Island	0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	01:39	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	00:33	0.0		
					TOTALS:	00:00	02:12	0.0		
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 466
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Jun 2018 - Tuesday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,756 CY
 219 loads pumped on Ship Island to date: 2,239,315 CY

142 loads dug in OCS West Borrow Area to date: 1,502,054 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

- 68min - Flushing collection line
- 31min - Dredgepump gland seal
- 20min - Sound testing in ERs
- 13min - Crane lift from crew boat

SAFETY

PRE-SHIFT MEETING:
 Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:
 Mobro 1706: crane lifts

BEHAVIORAL OBSERVATIONS:
 Observed the Crane Operator utilizing safe work practices while loading stores on the crew boat. The deck crew and crew boat personnel utilized proper hand signals and stayed clear of suspended loads while safely loading the stores on the crew boat.

SITE CONDITIONS & HOUSEKEEPING:
 Some rain showers again today with a daytime high of 88 and a real feel temperature of 98(moderate-high risk).
 Forecast for tomorrow is a high of 89 and real feel of 101(moderate risk). 40% chance of rain.
 Mobro crew is doing a good job of house keeping and maintaining their respective work areas.

GENERAL COMMENTS:
 SSHO worked with the Booster Chief and Mobro Deck Captain to sign off multiple Predictive Solutions open issues. SSHO worked with Ohio River Captain on DSR access and he is now up and running. Uploaded AB 113 weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 466			
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 12 Jun 2018 - Tuesday							
DREDGE (Liberty Island)				HOPPER CAP: <u>5,000</u> CY				AVG VOL OF BIN WATER: <u>10,950</u> CY				AVG UNFILLED CAP: <u>4,385</u> CY			
				NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK				LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 175,224			
				AVG LENGTH OF CUT <u>4,771</u> FT				AVG WIDTH OF CUT <u>1,602</u> FT				AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL				DENSITY OF MATERIALS				GMS/LITER <u>1850</u>							
				DENSITY OF WATER				1025				GMS/LITER@ <u>82</u> °F			
RIVER/TIDE STAGE				MIN 0		TIME 19:10		MAX 1		TIME 09:56		GAGE LOCATION Air Force Tower			
				MIN 0		TIME 19:59		MAX 1		TIME 10:26		GAGE DATUM NAVD88			
WEATHER CONDITION				WEATHER Non Work Day				TEMP (min / max) 73 °F / 88 °F		VISIBILITY 10		WIND 13			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		9		30											
AFT		9		30											
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						PUMPING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TURNING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED				GAL		0		DUMPING:		00:00		00:00		0.0	
WORK PERFORMED						DISCONNECTING:		00:00		00:00		0.0			
DREDGING AND HAULING				AGITATING				TO CUT:		00:00		00:00		0.0	
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TOTALS:		00:00		00:00		0.0	
								NON-EFFECTIVE WORKING TIME:							
								TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
								TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
								LAY TIME:		00:00		00:00		0.0	
								FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
								MISCELLANEOUS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
ATTENDANT PLANT						LOST TIME:									
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		24:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		24:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 466
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Jun 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island remained at dock and off-contract for repairs.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 436 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 467
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Jun 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	175,224
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 82 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	01:10	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:07	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	02:01	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:11	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:05	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	03:34	0.0
			2,982	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			900	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	19:40	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	19:40	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 467
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Jun 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island resumed operations at 1940 digging in HIP 1 and pumpout out subline #3 onto Ship Island. No loads completed before midnight.

38 loads pumped on Ship Island to date: 175,224 CY

38 loads dug in Horn Island Pass Borrow Area to date: 175,224 CY

One Delay Today:

46min - No velocity, hose twisted

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, working on booster pump

SITE CONDITIONS & HOUSEKEEPING:

Some rain showers again today with a daytime high of 89 and a real feel temperature of 101(moderate-high risk).

Forecast for tomorrow is a high of 89 and real feel of 101(moderate risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO completed/submitted equipment damage report for Ohio River. Entered ACB8 & ACB9 weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 467			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Jun 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	21,560	2,268,657			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 82 °F		10		7		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	04:04	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:59	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:42	0.0		
			1		CONNECTING:	00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	06:35	0.0		
			0		DISCONNECTING:	00:00	00:42	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:08	0.0		
			2,988		TOTALS:	00:00	22:40	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:03	0.0	
2	21,560	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	01:04	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:13	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	01:20	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 467
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Jun 2018 - Wednesday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,560 CY
221 loads pumped on Ship Island to date: 2,260,875 CY

144 loads dug in OCS West Borrow Area to date: 1,523,614 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

- 59min - Port DP would not clutch in
- 13min - Crane lift from crew boat
- 5min - Troubleshoot valve B24S
- 3min - Traffic in channel

SAFETY

PRE-SHIFT MEETING:
Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:
Mobro 1706: crane lifts, working on booster pump

SITE CONDITIONS & HOUSEKEEPING:
Some rain showers again today with a daytime high of 89 and a real feel temperature of 101(moderate-high risk).
Forecast for tomorrow is a high of 89 and real feel of 101(moderate risk). 40% chance of rain.

GENERAL COMMENTS:
SSHO completed/submitted equipment damage report for Ohio River. Entered ACB8 & ACB9 weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 468			
CHARACTER OF REPORT						<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK			DATE 14 Jun 2018 - Thursday				
DREDGE (Ellis Island)		HOPPER CAP: 14,778 CY		AVG VOL OF BIN WATER: 10,950 CY		AVG UNFILLED CAP: 3,828 CY							
		NO. OF CREW MEMBERS		DREDGE 17		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 32,611		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,301,268			
		AVG LENGTH OF CUT 5,510 FT			AVG WIDTH OF CUT 1,800 FT			AVG DIST TO DUMP 45 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			_____			GMS/LITER 1925					
		DENSITY OF WATER			1025			GMS/LITER@ 68 °F					
RIVER/TIDE STAGE		MIN 0	TIME 00:11		MAX 1	TIME 13:33		GAGE LOCATION Air Force Tower					
		MIN 0	TIME 01:24		MAX 1	TIME 14:23		GAGE DATUM NAVD88					
WEATHER CONDITION		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			75 °F / 89 °F		10		13				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				9		30							
AFT						9						30	
DRAG DEPTH MAX _____ 41 MIN _____ 39													
INDICATORS LAST CHECKED ON <u>12/08/2017</u>													
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		1						
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN		0						
GALLONS OF FUEL OIL CONSUMED					GAL		2,514						
GALLONS OF WATER CONSUMED					GAL		1,200						
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
3		32,611		Ship Island		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:29		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:08		0.0	
						TOTALS:		00:00		00:37		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 468
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Jun 2018 - Thursday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 32,611 CY
224 loads pumped on Ship Island to date: 2,293,486 CY

147 loads dug in OCS West Borrow Area to date: 1,556,225 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

29min - Replace O-Ring
8min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:
Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:
Mobro 1706: crane lifts, working on booster pump

SITE CONDITIONS & HOUSEKEEPING:
Some rain showers again today with a daytime high of 87 and a real feel temperature of 98(moderate-high risk).
Forecast for tomorrow is a high of 87 and real feel of 99 (moderate risk). 55% chance of rain/Thunder Showers.

GENERAL COMMENTS:
Attended Project Meeting. Conducted administration work.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 468
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Jun 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: _____ 5,000 _____ CY	AVG VOL OF BIN WATER: _____ 10,950 _____ CY	AVG UNFILLED CAP: _____ 4,385 _____ CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,692	194,916
	AVG LENGTH OF CUT _____ 4,771 _____ FT	AVG WIDTH OF CUT _____ 1,602 _____ FT	AVG DIST TO DUMP _____ 35 _____ NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER _____ 1850
	DENSITY OF WATER	_____ 1025 _____	GMS/LITER@ _____ 82 °F

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 87 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX _____ 34 MIN _____ 35				PUMPING:	00:00	03:03	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:17	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	06:02	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:41	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	7,625	DUMPING:	00:00	03:47	0.0
GALLONS OF WATER CONSUMED		GAL	1,100	DISCONNECTING:	00:00	00:33	0.0
WORK PERFORMED				TO CUT:	00:00	05:20	0.0
DREDGING AND HAULING				TOTALS:	00:00	19:43	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
4	19,692	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:11	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	04:06	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:17	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 468
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Jun 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,962 CY
 42 loads pumped on Ship Island to date: 194,916 CY

42 loads dug in Horn Island Pass Borrow Area to date: 194,916 CY

Three Delays Today:

- 131min - No velocity, hose twisted
- 115min - Wait on Ellis Island
- 11min - Attempt made to clutch in, engine shutdown

SAFETY

PRE-SHIFT MEETING:
 Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted.

JSA DISCUSSIONS:
 Mobro 1706: crane lifts, working on booster pump

SITE CONDITIONS & HOUSEKEEPING:
 Some rain showers again today with a daytime high of 87 and a real feel temperature of 98(moderate-high risk).
 Forecast for tomorrow is a high of 87 and real feel of 99 (moderate risk). 55% chance of rain/Thunder Showers.

GENERAL COMMENTS:
 Attended Project Meeting. Conducted administration work.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 469
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Jun 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,652	214,568
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 88 °F	7	20

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:		
AFT		9	30	PUMPING:	00:00	03:14
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:15
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	06:44
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:55
			1	DUMPING:	00:00	04:35
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:32
			0	TO CUT:	00:00	05:31
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:46
			8,210	NON-EFFECTIVE WORKING TIME:		
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,652	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	02:14	0.0
				TOTALS:	00:00	02:14	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 469
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 Jun 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,652 CY
46 loads pumped on Ship Island to date: 214,568 CY

46 loads dug in Horn Island Pass Borrow Area to date: 214,568 CY

Three Delays Today:

- 90min - Wait on Ellis Island
- 41min - Portside velocity calibration
- 3min - RPM matched STBD to Port, slow bell

SAFETY

PRE-SHIFT MEETING:

Mackie - Mate discussed maintaining safety with the crew while conducting their daily tasks.

JSA DISCUSSIONS:

Using the Incinerator; Hot Work - Welding, Cutting, Grinding; Inspecting/Cleaning Dragheads; Connecting/Disconnecting to the Cube; Personnel Transfer; Housekeeping/Sanitary.

SITE CONDITIONS & HOUSEKEEPING:

50% chance of rain showers today with a daytime high of 88 and a real feel temperature of 100(moderate-high risk). Forecast for tomorrow is a high of 86 and real feel of 97 (moderate risk). 60% chance of rain/Thunder Showers.

GENERAL COMMENTS:

SSHO conducted PS inspection on the Emma Kate

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 469
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Jun 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,277	2,322,545
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 88 °F	7	20

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	03:27	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:55	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	05:03	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:44	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,478	DUMPING:	00:00	07:14	0.0
GALLONS OF WATER CONSUMED		GAL	300	DISCONNECTING:	00:00	00:23	0.0
WORK PERFORMED				TO CUT:	00:00	03:54	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	21:40	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	21,277	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:39	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:41	0.0
				TOTALS:	00:00	02:20	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 469
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Jun 2018 - Friday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,277 CY
226 loads pumped on Ship Island to date: 2,314,763 CY

149 loads dug in OCS West Borrow Area to date: 1,577,502 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

- 95min - Wait on Liberty Island
- 28min - Investigate list on tug
- 11min - Slow bell for STBD main engine inspection
- 6min - Flushing collection line

SAFETY

PRE-SHIFT MEETING:

Mackie - Mate discussed maintaining safety with the crew while conducting their daily tasks.

JSA DISCUSSIONS:

Using the Incinerator; Hot Work - Welding, Cutting, Grinding; Inspecting/Cleaning Dragheads; Connecting/Disconnecting to the Cube; Personnel Transfer; Housekeeping/Sanitary.

SITE CONDITIONS & HOUSEKEEPING:

50% chance of rain showers today with a daytime high of 88 and a real feel temperature of 100(moderate-high risk). Forecast for tomorrow is a high of 86 and real feel of 97 (moderate risk). 60% chance of rain/Thunder Showers.

GENERAL COMMENTS:

SSHO conducted PS inspection on the Emma Kate

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 470
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Jun 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	32,765	2,355,310
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 88 °F	9	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	04:25	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:58	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	04:46	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:25	0.0
			1	DUMPING:	00:00	04:56	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:44	0.0
			0	TO CUT:	00:00	05:53	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	22:07	0.0
			2,500	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	32,765	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:41	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	01:12	0.0
				TOTALS:	00:00	01:53	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 470
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Jun 2018 - Saturday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 32,765 CY
229 loads pumped on Ship Island to date: 2,347,528 CY

152 loads dug in OCS West Borrow Area to date: 1,610,267 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

72min - Wait on Liberty Island
41min - LES system maintenance

SAFETY

PRE-SHIFT MEETING:
Liberty Island - Mate discussed connecting/disconnecting cube with the crew and conducting daily tasks.

JSA DISCUSSIONS:
Kong Test; Welding; Inspect and clean out discharge box; Cleaning Dragheads; Hooking up and Letting go of cube; Using the Incinerator; Crew boat personnel transfer; crane lift; Standardizing Density Gauge.

BEHAVIORAL OBSERVATIONS:
Observed crew on the Liberty Island hooking up and disconnecting from the cube. Crew communicated and worked well together.

SITE CONDITIONS & HOUSEKEEPING:
60% chance of rain showers today with a daytime high of 86 and a real feel temperature of 96(moderate-high risk).
Forecast for tomorrow is a high of 87 and real feel of 98 (moderate risk). 50% chance of rain/Thunder Showers.

GENERAL COMMENTS:
SSHO conducted Fall Protection Training on the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 470			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Jun 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 14,848	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 229,416		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 88 °F		9		14		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	02:35	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:18	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	06:41	0.0		
			1		CONNECTING:	00:00	00:58	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	03:24	0.0		
			0		DISCONNECTING:	00:00	01:41	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:41	0.0		
			7,853		TOTALS:	00:00	21:18	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,000		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	14,848	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:02	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	02:40	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	02:42	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 470
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Jun 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

3 loads pumped on Ship Island today: 14,848 CY
49 loads pumped on Ship Island to date: 229,416 CY

49 loads dug in Horn Island Pass Borrow Area to date: 229,416 CY

Four Delays Toady:

85min - Wait on Ellis Island (two delays)
75min - No velocity, twisted hose
2min - Pre-lube STBD pump

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Mate discussed connecting/disconnecting cube with the crew and conducting daily tasks.

JSA DISCUSSIONS:

Kong Test; Welding; Inspect and clean out discharge box; Cleaning Dragheads; Hooking up and Letting go of cube; Using the Incinerator; Crew boat personnel transfer; crane lift; Standardizing Density Gauge.

BEHAVIORAL OBSERVATIONS:

Observed crew on the Liberty Island hooking up and disconnecting from the cube. Crew communicated and worked well together.

SITE CONDITIONS & HOUSEKEEPING:

60% chance of rain showers today with a daytime high of 86 and a real feel temperature of 96(moderate-high risk). Forecast for tomorrow is a high of 87 and real feel of 98 (moderate risk). 50% chance of rain/Thunder Showers.

GENERAL COMMENTS:

SSHO conducted Fall Protection Training on the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 471			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 Jun 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 23,788	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 253,204		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			80 °F / 90 °F		10		15		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30						
AFT		9		30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	03:58	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:06	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	08:14	0.0		
				1	CONNECTING:	00:00	00:49	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	04:54	0.0		
				0	DISCONNECTING:	00:00	00:24	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	05:30	0.0		
				9,024	TOTALS:	00:00	23:55	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				1,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
5	23,788	Ship Island	0		MINOR OPERATING REPAIRS:	00:00	00:05	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	00:05	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 471
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Jun 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

5 loads pumped on Ship Island today: 23,788 CY
 54 loads pumped on Ship Island to date: 253,204 CY

54 loads dug in Horn Island Pass Borrow Area to date: 253,204 CY

One Delay Today:

5min - Air filter replaced

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed Light Towers. Also discussed Vessel Transfer out of the SALT Book and daily tasks.

JSA DISCUSSIONS:

Fueling Equipment; Pulling the Dragbar; Working the Light Plant; Changing the Wye Valve; Building and Maintaining Dikes; Adding/Breaking Shore Pipe.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting preventive maintenance on equipment. Observed crew building and maintaining dikes. Crew was wearing proper PPE and communicating well.

SITE CONDITIONS & HOUSEKEEPING:

55% chance of rain showers today with a daytime high of 87 and a real feel temperature of 98 (moderate-high risk). Forecast for tomorrow is a high of 88 and real feel of 100 (moderate risk). Partly Cloudy with a 25% chance of rain.

GENERAL COMMENTS:

SSHO conducted First Aid Kit Training to the Fill Site.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 471
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Jun 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,200	2,376,510
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	80 °F / 90 °F	10	15

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	9	30	EFFECTIVE WORKING TIME:				
AFT		30	PUMPING:	00:00	05:04	0.0	
	9		TURNING:	00:00	01:44	0.0	
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			TO DUMP:	00:00	05:48	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			CONNECTING:	00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	04:26	0.0	
		1	DISCONNECTING:	00:00	00:23	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	04:03	0.0	
		0	TOTALS:	00:00	21:55	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:				
		2,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
		300	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:49	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
2	21,200	Ship Island	0	LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:16	0.0
ATTENDANT PLANT			TOTALS:	00:00	02:05	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 471
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Jun 2018 - Sunday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,200 CY
231 loads pumped on Ship Island to date: 2,368,728 CY

154 loads dug in OCS West Borrow Area to date: 1,631,467 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

76min - Wait on Liberty Island
49min - Clean hopper collection line

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed Light Towers. Also discussed Vessel Transfer out of the SALT Book and daily tasks.

JSA DISCUSSIONS:

Fueling Equipment; Pulling the Dragbar; Working the Light Plant; Changing the Wye Valve; Building and Maintaining Dikes; Adding/Breaking Shore Pipe.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting preventive maintenance on equipment. Observed crew building and maintaining dikes. Crew was wearing proper PPE and communicating well.

SITE CONDITIONS & HOUSEKEEPING:

55% chance of rain showers today with a daytime high of 87 and a real feel temperature of 98 (moderate-high risk). Forecast for tomorrow is a high of 88 and real feel of 100 (moderate risk). Partly Cloudy with a 25% chance of rain.

GENERAL COMMENTS:

SSHO conducted First Aid Kit Training to the Fill Site.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 472
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Jun 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,900	2,398,410
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	80 °F / 89 °F	10	16

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	03:47	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:54	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	05:56	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:35	0.0
			1	DUMPING:	00:00	05:16	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:18	0.0
			0	TO CUT:	00:00	04:20	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:06	0.0
			2,029	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN					
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
2	21,900	Ship Island	0	MINOR OPERATING REPAIRS:			00:00	00:33	0.0
				TRANSFERRING BETWEEN WORKS:			00:00	00:00	0.0
				LAY TIME:			00:00	00:00	0.0
				FIRE AND BOAT DRILLS:			00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN					
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			00:00	02:21	0.0
				TOTALS:			00:00	02:54	0.0
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:			00:00	00:00	0.0
				CESSATION:			00:00	00:00	0.0
				COLLISIONS:			00:00	00:00	0.0
				TOTALS:			00:00	00:00	0.0
				TOTAL TIME/MILES:			00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 472
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Jun 2018 - Monday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,900 CY
233 loads pumped on Ship Island to date: 2,390,628 CY

156 loads dug in OCS West Borrow Area to date: 1,653,367 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

121min - Wait on Liberty Island (Two Delays)
33min - Sand buildup in dredge valves
20min - Hose on top of subline

SAFETY

PRE-SHIFT MEETING:
Liberty Island - Mate discussed daily tasks.

JSA DISCUSSIONS:
Welding; Working in Hopper, Cleaning Mud; Erect Scaffolding; Working from Scaffolding; Using Incinerator; Using Impact gun; Working with Hand Tools; Hooking up and Letting go of the cube; Sand Blasting; Crew Boat Personnel Transfer; Chipping Painting and Wire Brush Rust; Cleaning Dragheads; Inspect and Clean out Discharge Box.

BEHAVIORAL OBSERVATIONS:
Observed crew conducting engine room maintenance. Crew maintained proper PPE and using the proper tools.

SITE CONDITIONS & HOUSEKEEPING:
25% chance of rain showers today with a daytime high of 88 and a real feel temperature of 98 (moderate-high risk). Forecast for tomorrow is a high of 89 and real feel of 101 (moderate risk). Partly Cloudy with a 25% chance of rain.

GENERAL COMMENTS:
SSHO conducted noise sampling tests and water sampling on the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 472				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Jun 2018 - Monday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,317	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 272,521			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>						
	DENSITY OF WATER				1025	GMS/LITER@ <u>82 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56			
	MIN	0	TIME	19:59	MAX	1	TIME	10:26			
GAGE LOCATION		Air Force Tower									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			80 °F / 90 °F		10		16			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		9		30							
AFT		9		30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	03:53	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN				TO DUMP:		00:00	06:18	0.0
			1				CONNECTING:		00:00	00:55	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN				DUMPING:		00:00	03:32	0.0
			0				DISCONNECTING:		00:00	00:24	0.0
GALLONS OF FUEL OIL CONSUMED			GAL				TO CUT:		00:00	06:07	0.0
			7,856				TOTALS:		00:00	21:36	0.0
GALLONS OF WATER CONSUMED			GAL				NON-EFFECTIVE WORKING TIME:				
			1,000				TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
4	19,317	Ship Island	0				MINOR OPERATING REPAIRS:		00:00	00:40	0.0
							TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
							LAY TIME:		00:00	00:00	0.0
							FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT						MISCELLANEOUS:		00:00	01:44	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS				TOTALS:		00:00	02:24	0.0
							LOST TIME:				
							MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
							CESSATION:		00:00	00:00	0.0
							COLLISIONS:		00:00	00:00	0.0
							TOTALS:		00:00	00:00	0.0
							TOTAL TIME/MILES:		00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 472
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Jun 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,317 CY
 58 loads pumped on Ship Island to date: 272,521 CY

58 loads dug in Horn Island Pass Borrow Area to date: 272,521 CY

Five Delays Today:

- 91min - Wait on Ellis Island
- 35min - Port main engine air filters change
- 8min - Supplies Transfer
- 5min - Welding on portside draghead
- 5min - Fill site crew change

SAFETY

PRE-SHIFT MEETING:
 Liberty Island - Mate discussed daily tasks.

JSA DISCUSSIONS:
 Welding; Working in Hopper, Cleaning Mud; Erect Scaffolding; Working from Scaffolding; Using Incinerator; Using Impact gun; Working with Hand Tools; Hooking up and Letting go of the cube; Sand Blasting; Crew Boat Personnel Transfer; Chipping Painting and Wire Brush Rust; Cleaning Dragheads; Inspect and Clean out Discharge Box.

BEHAVIORAL OBSERVATIONS:
 Observed crew conducting engine room maintenance. Crew maintained proper PPE and using the proper tools.

SITE CONDITIONS & HOUSEKEEPING:
 25% chance of rain showers today with a daytime high of 88 and a real feel temperature of 98 (moderate-high risk). Forecast for tomorrow is a high of 89 and real feel of 101 (moderate risk). Partly Cloudy with a 25% chance of rain.

GENERAL COMMENTS:
 SSHO conducted noise sampling tests and water sampling on the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 473			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Jun 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	22,123	2,420,533			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			78 °F / 91 °F		10		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:21	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:56	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:02	0.0	
			1	CONNECTING:		00:00	00:27	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	06:58	0.0	
			0	DISCONNECTING:		00:00	00:35	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:15	0.0	
			3,006	TOTALS:		00:00	22:34	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	22,123	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:04	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	01:22	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	01:26	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 473
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Jun 2018 - Tuesday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 22,123 CY
235 loads pumped on Ship Island to date: 2,412,751 CY

158 loads dug in OCS West Borrow Area to date: 1,675,490 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

82min - Wait on Liberty Island
4min - Main Engine Overspeed Alarm

SAFETY

PRE-SHIFT MEETING:
Wadmalaw Booster - Chief discussed engine room safety and maintenance.

JSA DISCUSSIONS:
Housekeeping/Sanitary; engine room maintenance.

BEHAVIORAL OBSERVATIONS:
Observed crew conducting engine room maintenance. Crew maintained proper PPE and using the proper tools.

SITE CONDITIONS & HOUSEKEEPING:
25% chance of rain showers today with a daytime high of 90 and a real feel temperature of 101 (moderate-high risk).
Forecast for tomorrow is a high of 89 and real feel of 101 (moderate risk). Partly Cloudy with a 25% chance of rain.

GENERAL COMMENTS:
SSHO conducted noise sampling on the Wadmalaw Booster. SSHO conducted First Aid Kit and HAZCOM training on the Wadmalaw.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 473			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Jun 2018 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,770	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 292,291		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER			1025			GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			78 °F / 91 °F		10		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	03:30	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:36	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	07:26	0.0		
				1	CONNECTING:	00:00	01:05	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	03:42	0.0		
				0	DISCONNECTING:	00:00	00:23	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	05:51	0.0		
				8,205	TOTALS:	00:00	22:33	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				1,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
4	19,770	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:10	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	01:17	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	01:27	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 473
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 19 Jun 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,770 CY
62 loads pumped on Ship Island to date: 292,291 CY

62 loads dug in Horn Island Pass Borrow Area to date: 292,291 CY

Two Delays Today:

77min - Wait on Ellis Island
10min - Gyro Repairs

SAFETY

PRE-SHIFT MEETING:
Wadmalaw Booster - Chief discussed engine room safety and maintenance.

JSA DISCUSSIONS:
Housekeeping/Sanitary; engine room maintenance.

BEHAVIORAL OBSERVATIONS:
Observed crew conducting engine room maintenance. Crew maintained proper PPE and using the proper tools.

SITE CONDITIONS & HOUSEKEEPING:
25% chance of rain showers today with a daytime high of 90 and a real feel temperature of 101 (moderate-high risk).
Forecast for tomorrow is a high of 89 and real feel of 101 (moderate risk). Partly Cloudy with a 25% chance of rain.

GENERAL COMMENTS:
SSHO conducted noise sampling on the Wadmalaw Booster. SSHO conducted First Aid Kit and HAZCOM training on the Wadmalaw.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008						CONTRACT TITLE MsCIP Ship Island Phase I						CONTRACTOR Great Lakes Dredge & Dock Company, LLC						REPORT NO. 474					
CHARACTER OF REPORT <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK												DATE 20 Jun 2018 - Wednesday											
DREDGE (Liberty Island)				HOPPER CAP: <u>5,000</u> CY						AVG VOL OF BIN WATER: <u>10,950</u> CY						AVG UNFILLED CAP: <u>4,385</u> CY							
				NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK									
				17		2						2		7									
LOCATION OF WORK				LOCATION CHANNEL HIP 1				REACH DREDGED; STA TO STA HIP 1				DISPOSAL AREA USE Ship Island				QTY DEPOSITED GROSS(CY) 19,909		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 312,200					
				AVG LENGTH OF CUT <u>4,771</u> FT				AVG WIDTH OF CUT <u>1,602</u> FT				AVG DIST TO DUMP <u>35</u> NM											
CHARACTER OF MATERIAL						DENSITY OF MATERIALS _____						GMS/LITER <u>1850</u>											
						DENSITY OF WATER _____						GMS/LITER@ <u>82 °F</u>											
RIVER/TIDE STAGE				MIN 0		TIME 19:10		MAX 1		TIME 09:56		GAGE LOCATION Air Force Tower											
				MIN 0		TIME 19:59		MAX 1		TIME 10:26		GAGE DATUM NAVD88											
WEATHER CONDITION						WEATHER Weather Caused No Delay				TEMP (min / max) 75 °F / 90 °F		VISIBILITY 10		WIND 13									
DRAFT										DISTRIBUTION OF TIME AND MILES RUN													
FORWARD		LIGHT				LOADED						AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)							
		9				30																	
AFT																							
		9				30																	
DRAG DEPTH		MAX <u>34</u> MIN <u>35</u>																					
INDICATORS LAST CHECKED ON <u>05/14/2018</u>																							
AVERAGE SPEED OF DREDGE DURING LOADING								FT/MIN				1											
AVERAGE SPEED OF DREDGE DURING AGITATING								FT/MIN				0											
GALLONS OF FUEL OIL CONSUMED								GAL				7,506											
GALLONS OF WATER CONSUMED								GAL				1,000											
WORK PERFORMED																							
DREDGING AND HAULING												AGITATING											
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA				TOTAL CYS															
4		19,909		Ship Island				0															
ATTENDANT PLANT																							
ITEM		NAME OR NUMBER				H.P.		HOURS															
LOST TIME:																							
MAJOR REPAIRS AND ALTERATIONS:				00:00				00:00				0.0											
CESSATION:				00:00				00:00				0.0											
COLLISIONS:				00:00				00:00				0.0											
TOTALS:				00:00				00:00				0.0											
TOTAL TIME/MILES:				00:00				24:00				0.0											

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 474
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 Jun 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,909 CY
66 loads pumped on Ship Island to date: 312,200 CY

66 loads dug in Horn Island Pass Borrow Area to date: 312,200 CY

Three Delays Today:

- 120min - Wait on Ellis Island
- 26min - Troubleshoot STBD dredge pump clutch air supply
- 20min - Extended line flush for fill site

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Mate discussed daily operations on board the dredge. SSHO discussed proper storage of Fall Protection Gear.

JSA DISCUSSIONS:

Painting; Chipping and Grinding; Crew Boat Personnel Transfer; Inspect and Clean out Discharge Box; Cleaning Dragheads; Using Incinerator; Hooking up and Letting go of the Cube; Crane Lifts; Working in Hot Weather.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting housekeeping tasks on exterior decks. Crew maintained PPE and stored gear in its proper place.

SITE CONDITIONS & HOUSEKEEPING:

10% chance of rain showers today with a daytime high of 89 and a real feel temperature of 101 (moderate-high risk). Forecast for tomorrow is a high of 87 and real feel of 97 (moderate risk). Cloudy with a 60% chance of rain.

GENERAL COMMENTS:

SSHO conducted PS inspection on board the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 474			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Jun 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	33,236	2,453,769			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 88 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	05:50	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	01:18	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:50	0.0	
			1	CONNECTING:		00:00	00:19	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:10	0.0	
			0	DISCONNECTING:		00:00	00:30	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:46	0.0	
			3,000	TOTALS:		00:00	23:43	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	33,236	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:17	0.0	
					TOTALS:		00:00	00:17	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER			H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 474
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Jun 2018 - Wednesday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 33,236 CY
238 loads pumped on Ship Island to date: 2,445,987 CY

161 loads dug in OCS West Borrow Area to date: 1,708,726 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

One Delay Today:

17min - Wait for Liberty Island

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Mate discussed daily operations on board the dredge. SSHO discussed proper storage of Fall Protection Gear.

JSA DISCUSSIONS:

Painting; Chipping and Grinding; Crew Boat Personnel Transfer; Inspect and Clean out Discharge Box; Cleaning Dragheads; Using Incinerator; Hooking up and Letting go of the Cube; Crane Lifts; Working in Hot Weather.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting housekeeping tasks on exterior decks. Crew maintained PPE and stored gear in its proper place.

SITE CONDITIONS & HOUSEKEEPING:

10% chance of rain showers today with a daytime high of 89 and a real feel temperature of 101 (moderate-high risk). Forecast for tomorrow is a high of 87 and real feel of 97 (moderate risk). Cloudy with a 60% chance of rain.

GENERAL COMMENTS:

SSHO conducted PS inspection on board the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 475					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Jun 2018 - Thursday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 10,971	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,464,740				
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>							
	DENSITY OF WATER				GMS/LITER@ <u>68</u> °F							
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33				
	MIN	0	TIME	01:24	MAX	1	TIME	14:23				
	GAGE LOCATION			Air Force Tower		GAGE DATUM			NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			77 °F / 90 °F		10		16				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30								
AFT			9	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:47	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:11	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	3,000	DUMPING:					00:00	02:31	0.0
GALLONS OF WATER CONSUMED			GAL	300	DISCONNECTING:					00:00	00:12	0.0
WORK PERFORMED				TO CUT:					00:00	02:04	0.0	
DREDGING AND HAULING		AGITATING		TOTALS:					00:00	05:45	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:								
1	10,971	Ship Island	0	TAKING ON FUEL AND SUPPLIES:					00:00	16:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:					00:00	02:15	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:00	0.0	
				TOTALS:					00:00	18:15	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 475
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Jun 2018 - Thursday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3. Dredge went to Port of Gulfport to receive fuel in the morning hours and resumed operations at 20:07.

1 load pumped on Ship Island today: 10,971 CY
239 loads pumped on Ship Island to date: 2,456,958 CY

162 loads dug in OCS West Borrow Area to date: 1,719,697 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

960min - Receiving fuel
135min - Sail to Gulfport for fuel

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. DSHEM and SSHOs discussed heat awareness and PPE. Stretch and flex conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, working in hot weather, hot work, operating heavy equipment, replacing load cell

Tug Mackie/Ellis: Crane lifts, mooring operations, hot work

BEHAVIORAL OBSERVATIONS:

Observed the Mackie crew safely performing multiple crane lifts. Crews utilized proper hand signals and remained clear of suspended loads. Crews were also observed drinking plenty of water while working in the heat.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 90 and a real feel temperature of 102(moderate-high risk).
Forecast for tomorrow is a high of 91 and real feel of 100(moderate risk). 10% chance of rain.

GENERAL COMMENTS:

SSHO conducted First Aid Kit and HAZCOM training with the bullgang. Also entered equipment weekly inspections into NS5. SSHO conducted a Predictive Solutions inspection on the Ellis. Some minor issues were discovered and added to the PS data base.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 475	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Jun 2018 - Thursday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	HIP 1	HIP 1		Ship Island	14,828	327,028		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>		
	DENSITY OF WATER			1025		GMS/LITER@ <u>82 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56
	MIN	0	TIME	19:59	MAX	1	TIME	10:26
	GAGE LOCATION			Air Force Tower				
	GAGE DATUM			NAVD88				
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay		79 °F / 90 °F		10		14	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9		30			
AFT			9		30	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING: 00:00 03:24 0.0				
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING: 00:00 00:32 0.0				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP: 00:00 05:07 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING: 00:00 00:39 0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	6,676	DUMPING: 00:00 03:08 0.0			
GALLONS OF WATER CONSUMED			GAL	2,500	DISCONNECTING: 00:00 00:16 0.0			
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0				
3	14,828	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0				
				MINOR OPERATING REPAIRS: 00:00 03:51 0.0				
				TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0				
				LAY TIME: 00:00 00:00 0.0				
				FIRE AND BOAT DRILLS: 00:00 00:00 0.0				
ATTENDANT PLANT				MISCELLANEOUS: 00:00 03:04 0.0				
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS: 00:00 06:55 0.0				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0				
				CESSATION: 00:00 00:00 0.0				
				COLLISIONS: 00:00 00:00 0.0				
				TOTALS: 00:00 00:00 0.0				
				TOTAL TIME/MILES: 00:00 24:00 0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 475
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 Jun 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

3 loads pumped on Ship Island today: 14,828 CY
69 loads pumped on Ship Island to date: 327,028 CY

69 loads dug in Horn Island Pass Borrow Area to date: 327,028 CY

Four Delays Today:

- 231min - Replace oil pump on STBD main engine
- 140min - Wait on Ellis Island
- 35min - Extended line flush
- 9min - Wait on booster

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. DSHEM and SSHOs discussed heat awareness and PPE. Stretch and flex conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, working in hot weather, hot work, operating heavy equipment, replacing load cell

Tug Mackie/Ellis: Crane lifts, mooring operations, hot work

BEHAVIORAL OBSERVATIONS:

Observed the Mackie crew safely performing multiple crane lifts. Crews utilized proper hand signals and remained clear of suspended loads. Crews were also observed drinking plenty of water while working in the heat.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 90 and a real feel temperature of 102(moderate-high risk).
Forecast for tomorrow is a high of 91 and real feel of 100(moderate risk). 10% chance of rain.

GENERAL COMMENTS:

SSHO conducted First Aid Kit and HAZCOM training with the bullgang. Also entered equipment weekly inspections into NS5. SSHO conducted a Predictive Solutions inspection on the Ellis. Some minor issues were discovered and added to the PS data base.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 476			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Jun 2018 - Friday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,732	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 346,760		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>82 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			79 °F / 91 °F		10		15		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	02:22	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:23	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	06:43	0.0
				1	CONNECTING:		00:00	00:49	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:09	0.0
				0	DISCONNECTING:		00:00	00:33	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	05:28	0.0
				7,771	TOTALS:		00:00	20:27	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				1,500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
4	19,732	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	02:35	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:58	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:		00:00	03:33	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 476
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Jun 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,732 CY
73 loads pumped on Ship Island to date: 346,760 CY

73 loads dug in Horn Island Pass Borrow Area to date: 346,760 CY

Four Delays Today:

- 155min - Troubleshoot STBD main engine gearbox pre-lube pump
- 45min - Wait on Ellis Island
- 8min - Crewboat transfer
- 5min - Wait on booster Wadmalaw

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief Engineer discussed job tasks for the day.
Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex was conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary
Mobro 1706: hot work, crane lifting, working in hot weather, operating heavy equipment, install new greaser on crane

BEHAVIORAL OBSERVATIONS:

Observed crew boat deckhand safely transferring items to the Liberty Island. Observed crews performing safe vessel transfers as well.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 91 and a real feel temperature of 102(moderate-high risk).
Forecast for tomorrow is a high of 89 and real feel of 101(moderate-high risk). 5% chance of rain.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the Emma Kate. Some minor issues were discovered and added to the PS data base.
Wadmalaw: SSHO conducted Fall Protection, GHS/HAZCOM and First Aid Kit training with 2 crew members. Worked with Chief to sign off open issues.
Mobro 1706: SSHOs conducted Fall Protection training with the bullgang.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 476
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Jun 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	10,821	2,475,561
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 91 °F	10	20

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	04:06	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	01:24	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	04:36	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:22	0.0
			1	DUMPING:	00:00	03:35	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:11	0.0
			0	TO CUT:	00:00	01:57	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	16:11	0.0
			1,486	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:50	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	03:50	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN					
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
1	10,821	Ship Island	0	MINOR OPERATING REPAIRS:			00:00	01:29	0.0
				TRANSFERRING BETWEEN WORKS:			00:00	00:00	0.0
				LAY TIME:			00:00	00:00	0.0
				FIRE AND BOAT DRILLS:			00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN					
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			00:00	01:40	0.0
				TOTALS:			00:00	07:49	0.0
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:			00:00	00:00	0.0
				CESSATION:			00:00	00:00	0.0
				COLLISIONS:			00:00	00:00	0.0
				TOTALS:			00:00	00:00	0.0
				TOTAL TIME/MILES:			00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 476
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 22 Jun 2018 - Friday	

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

1 load pumped on Ship Island today: 10,821 CY
240 loads pumped on Ship Island to date: 2,467,779 CY

163 loads dug in OCS West Borrow Area to date: 1,730,518 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

230min - Sail from Gulfport to OCS West
100min - Wait on Libery Island
89min - Both dredge pumps will not clutch in
50min - Finish bunkering operations

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief Engineer discussed job tasks for the day.
Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex was conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary
Mobro 1706: hot work, crane lifting, working in hot weather, operating heavy equipment, install new greaser on crane

BEHAVIORAL OBSERVATIONS:

Observed crew boat deckhand safely transferring items to the Liberty Island. Observed crews performing safe vessel transfers as well.

SITE CONDITIONS & HOUSEKEPING:

Hot and humid today with a daytime high of 91 and a real feel temperature of 102(moderate-high risk).
Forecast for tomorrow is a high of 89 and real feel of 101(moderate-high risk). 5% chance of rain.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the Emma Kate. Some minor issues were discovered and added to the PS data base.

Wadmalaw: SSHO conducted Fall Protection, GHS/HAZCOM and First Aid Kit training with 2 crew members. Worked with Chief to sign off open issues.

Mobro 1706: SSHOs conducted Fall Protection training with the bullgang.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 477
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 Jun 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,830 CY
77 loads pumped on Ship Island to date: 366,590 CY

77 loads dug in Horn Island Pass Borrow Area to date: 366,590 CY

Two Delays Today:

42min - Troubleshoot STBD dredge pump clutch
12min - Make lee for crewboat transfer

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex was conducted followed by SHAKE exercises.
Liberty Island: Crew discussed operations for the day. SSHO discussed sections 4 and 8 of the Safety Data Sheets.

JSA DISCUSSIONS:

Mobro 1706: hot work, crane lifting, working in hot weather, operating heavy equipment
Liberty Island: hooking up and letting go of the cube, using incinerator, chipping and grinding, painting, working in hot weather, inspect and clean out discharge box, cleaning dragheads, crew boat personnel transfer, welding

BEHAVIORAL OBSERVATIONS:

Mobro: Welder utilized safe work practices, had on all required PPE and had a hot work permit filled out while fabricating a manifold.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 89 and a real feel temperature of 101(moderate-high risk).
Forecast for tomorrow is a high of 90 and real feel of 102(moderate-high risk). 5% chance of rain.

GENERAL COMMENTS:

SSHOs conducted JSA audits on the Liberty and Mobro 1706.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 477
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Jun 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,384	2,496,945
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	81 °F / 91 °F	10	18

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30	EFFECTIVE WORKING TIME:			
AFT	9	30	PUMPING:	00:00	04:00	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			TURNING:	00:00	01:07	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			TO DUMP:	00:00	04:26	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:25	0.0
		1	DUMPING:	00:00	06:11	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:28	0.0
		0	TO CUT:	00:00	03:50	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	20:27	0.0
		2,828	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	21,384	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 477
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Jun 2018 - Saturday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,384 CY
 242 loads pumped on Ship Island to date: 2,489,163 CY

165 loads dug in OCS West Borrow Area to date: 1,751,902 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

213min - Wait on Liberty Island (Two delays)

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex was conducted followed by SHAKE exercises.
 Liberty Island: Crew discussed operations for the day. SSHO discussed sections 4 and 8 of the Safety Data Sheets.

JSA DISCUSSIONS:

Mobro 1706: hot work, crane lifting, working in hot weather, operating heavy equipment
 Liberty Island: hooking up and letting go of the cube, using incinerator, chipping and grinding, painting, working in hot weather, inspect and clean out discharge box, cleaning dragheads, crew boat personnel transfer, welding

BEHAVIORAL OBSERVATIONS:

Mobro: Welder utilized safe work practices, had on all required PPE and had a hot work permit filled out while fabricating a manifold.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 89 and a real feel temperature of 101(moderate-high risk).
 Forecast for tomorrow is a high of 90 and real feel of 102(moderate-high risk). 5% chance of rain.

GENERAL COMMENTS:

SSHOs conducted JSA audits on the Liberty and Mobro 1706.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 478
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Jun 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 14,986	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 381,576
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	82 °F / 91 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	04:24	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	01:07	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	05:51	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	01:05	0.0
			1	DUMPING:	00:00	02:41	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	01:27	0.0
			0	TO CUT:	00:00	04:45	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:20	0.0
			7,334	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	01:07	0.0
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	14,986	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	01:33	0.0
				TOTALS:	00:00	02:40	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 478
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 24 Jun 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

3 loads pumped on Ship Island today: 14,986 CY
80 loads pumped on Ship Island to date: 381,576 CY

80 loads dug in Horn Island Pass Borrow Area to date: 381,576 CY

Two Delays Today:

93min - Wait on Ellis Island
67min - Take on fuel

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day including light tower maintenance. Also discussed heat awareness and hydration. Stretch and flex was conducted followed by SHAKE exercises.
Mobro 1706: Deck Captain discussed work/rest rotation and daily tasks.

JSA DISCUSSIONS:

Fill Site: moving equipment with forklift, adding/breaking shore pipe, pulling the drag bar, changing the wye valve, working the light plant, building/maintaining dikes, fueling equipment.
Mobro 1706: Hotwork/Grinding, Housekeeping, Painting, Crane Maintenance.

BEHAVIORAL OBSERVATIONS:

Fill site: Operators utilized safe work practices and ensured personnel observed the safety zone while working with heavy equipment. Shoreman wearing all required PPE while washing down heavy equipment.
Mobro 1706: Crews conducted hot work/grinding tasks wearing the proper PPE and keeping hydrated.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 90 and a real feel temperature of 102(moderate-high risk).
Forecast for tomorrow is a high of 90 and real feel of 102(moderate-high risk). 10% chance of rain.
Fill site crews are doing a great job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

Fill Site: SSHO conducted a safety walk around. Some minor discrepancies were noted and fixed on the spot by the SSHO and crew. conducted first aid kit training with the crew and signed off outstanding PS open issue.
SSHO entered weekly equipment inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 478
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Jun 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	33,164	2,530,109
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	82 °F / 91 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT							
		9	30				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				PUMPING:			
AVERAGE SPEED OF DREDGE DURING LOADING				00:00			
				05:02			
				0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				TURNING:			
				00:00			
				00:58			
				0.0			
GALLONS OF FUEL OIL CONSUMED				TO DUMP:			
				00:00			
				04:35			
				0.0			
GALLONS OF WATER CONSUMED				CONNECTING:			
				00:00			
				00:25			
				0.0			
				DUMPING:			
				00:00			
				05:16			
				0.0			
				DISCONNECTING:			
				00:00			
				00:30			
				0.0			
				TO CUT:			
				00:00			
				05:55			
				0.0			
				TOTALS:			
				00:00			
				22:41			
				0.0			
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:			
				00:00			
				00:00			
				0.0			
				TO AND FROM WHARF OR ANCHORAGE:			
				00:00			
				00:00			
				0.0			
				LOSS DUE TO NATURAL ELEMENTS:			
				00:00			
				00:00			
				0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				00:00			
				00:00			
				0.0			
				MINOR OPERATING REPAIRS:			
				00:00			
				00:12			
				0.0			
				TRANSFERRING BETWEEN WORKS:			
				00:00			
				00:00			
				0.0			
				LAY TIME:			
				00:00			
				00:00			
				0.0			
				FIRE AND BOAT DRILLS:			
				00:00			
				00:00			
				0.0			
				MISCELLANEOUS:			
				00:00			
				01:07			
				0.0			
				TOTALS:			
				00:00			
				01:19			
				0.0			
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00			
				00:00			
				0.0			
				CESSATION:			
				00:00			
				00:00			
				0.0			
				COLLISIONS:			
				00:00			
				00:00			
				0.0			
				TOTALS:			
				00:00			
				00:00			
				0.0			
				TOTAL TIME/MILES:			
				00:00			
				24:00			
				0.0			

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
3	33,164	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 478
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 24 Jun 2018 - Sunday	

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 33,164 CY
 245 loads pumped on Ship Island to date: 2,522,327 CY

168 loads dug in OCS West Borrow Area to date: 1,785,066 CY
 77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Three Delays Today:

- 35min - Waiting on Liberty Island
- 32min - Cleaning Hopper
- 12min - Aux Raw Water Pump Repairs

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day including light tower maintenance. Also discussed heat awareness and hydration. Stretch and flex was conducted followed by SHAKE exercises.
 Mobro 1706: Deck Captain discussed work/rest rotation and daily tasks.

JSA DISCUSSIONS:

Fill Site: moving equipment with forklift, adding/breaking shore pipe, pulling the drag bar, changing the wye valve, working the light plant, building/maintaining dikes, fueling equipment.
 Mobro 1706: Hotwork/Grinding, Housekeeping, Painting, Crane Maintenance.

BEHAVIORAL OBSERVATIONS:

Fill site: Operators utilized safe work practices and ensured personnel observed the safety zone while working with heavy equipment. Shoreman wearing all required PPE while washing down heavy equipment.
 Mobro 1706: Crews conducted hot work/grinding tasks wearing the proper PPE and keeping hydrated.

SITE CONDITIONS & HOUSEKEEPING:

Hot and humid today with a daytime high of 90 and a real feel temperature of 102(moderate-high risk).
 Forecast for tomorrow is a high of 90 and real feel of 102(moderate-high risk). 10% chance of rain.
 Fill site crews are doing a great job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

Fill Site: SSHO conducted a safety walk around. Some minor discrepancies were noted and fixed on the spot by the SSHO and crew. conducted first aid kit training with the crew and signed off outstanding PS open issue.
 SSHO entered weekly equipment inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 479
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Jun 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	20,440	402,016
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 93 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	05:57	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	01:45	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	04:59	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:46	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	02:56	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	6,998	DISCONNECTING:	00:00	00:25	0.0
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	04:48	0.0
WORK PERFORMED				TOTALS:	00:00	21:36	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	01:38	0.0
4	20,440	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:46	0.0
				TOTALS:	00:00	02:24	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	20,440	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 479
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 Jun 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 20,440 CY
84 loads pumped on Ship Island to date: 402,016 CY

84 loads dug in Horn Island Pass Borrow Area to date: 402,016 CY

Three Delays Today:

98min - Take on fuel f
38min - Wait on Ellis Island
8min - Wait on Booster

SAFETY

PRE-SHIFT MEETING:

Ellis: Captain discussed job tasks for the day. Captain also conducted a weekly tool box on housekeeping.

JSA DISCUSSIONS:

Ellis: Hot work, connecting/disconnecting to the cube, personnel transfer, inspecting/cleaning drag heads, using the incinerator.

BEHAVIORAL OBSERVATIONS:

Ellis: Crew utilized safe work practices while connecting to the cube. Great participation by all crew while performing a fire drill.

SITE CONDITIONS & HOUSEKEEPING:

****Heat Advisory for the next couple of days****

Hot and humid today with a daytime high of 90 and a real feel temperature of 102(moderate-high risk).

Forecast for tomorrow is a high of 89 and real feel of 101(moderate-high risk). 40% chance of rain.

Ellis crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

Ellis: SSHO conducted a Predictive Solutions inspection with no new issues added. Corrected and signed off one outstanding open issue.

Emma Kate: SSHO worked with Captain to sign off a couple of open issues. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 479
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Jun 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,228	2,552,337
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	80 °F / 92 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	06:24	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	01:30	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:34	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:24	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,109	DUMPING:	00:00	04:56	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:30	0.0
WORK PERFORMED				TO CUT:	00:00	03:57	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	22:15	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	22,228	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:14	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:31	0.0
				TOTALS:	00:00	01:45	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 479
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Jun 2018 - Monday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 22,228 CY
247 loads pumped on Ship Island to date: 2,544,55 CY

170 loads dug in OCS West Borrow Area to date: 1,807,294 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Two Delays Today:

91min - Waiting for Liberty Island
14min - Traffic in Channel

SAFETY

PRE-SHIFT MEETING:

Ellis: Captain discussed job tasks for the day. Captain also conducted a weekly tool box on housekeeping.

JSA DISCUSSIONS:

Ellis: Hot work, connecting/disconnecting to the cube, personnel transfer, inspecting/cleaning drag heads, using the incinerator.

BEHAVIORAL OBSERVATIONS:

Ellis: Crew utilized safe work practices while connecting to the cube. Great participation by all crew while performing a fire drill.

SITE CONDITIONS & HOUSEKEEPING:

****Heat Advisory for the next couple of days****

Hot and humid today with a daytime high of 90 and a real feel temperature of 102(moderate-high risk).

Forecast for tomorrow is a high of 89 and real feel of 101(moderate-high risk). 40% chance of rain.

Ellis crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

Ellis: SSHO conducted a Predictive Solutions inspection with no new issues added. Corrected and signed off one outstanding open issue.

Emma Kate: SSHO worked with Captain to sign off a couple of open issues. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 480			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Jun 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	11,149	2,563,486			
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			79 °F / 93 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	02:50	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:41	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:04	0.0	
			1	CONNECTING:		00:00	00:26	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:04	0.0	
			0	DISCONNECTING:		00:00	00:25	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:37	0.0	
			2,191	TOTALS:		00:00	17:07	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	11,149	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	05:16	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	01:37	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	06:53	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 480
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Jun 2018 - Tuesday

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3.

1 load pumped on Ship Island today: 11,149 CY
248 loads pumped on Ship Island to date: 2,55,704 CY

171 loads dug in OCS West Borrow Area to date: 1,818,443 CY
77 loads dug in Horn Island Pass Borrow Area to date: 737,261 CY

Four Delays Today:

- 312min - Tech onboard to conduct repairs on main engine throttles
- 85min - Wait on Liberty Island
- 12min - Crew boat transfer hydraulic hose to dredge
- 4min - Troubleshoot dredge pump

SAFETY

PRE-SHIFT MEETING:

Liberty: Mate discussed daily work tasks. SSHO and Site Manager discussed heat index and hydration.

JSA DISCUSSIONS:

Liberty: Welding, Crew Boat Personnel Transfer, Working in Hot Weather; Painting, Working from Scaffolding, Sand Blasting, Hooking up and Letting Go of the Cube, Using Incinerator, Cleaning Dragheads, Inspect and Clean out Discharge Box.

BEHAVIORAL OBSERVATIONS:

Liberty: Crews were conducting sandblasting operations wearing proper PPE and taking frequent breaks to hydrate and cool off due to heat.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory for the next couple of days. Real feel temperatures remain above 90 several hours after dark.
Today: Hot and humid again with a high of 90 and a real feel temperature of 102(moderate-high risk).
Tomorrow: high of 89 and real feel of 102(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Liberty: SSHO assisted the Captain with updating JSA's to the new JSA Format. Conducted PS inspection and JSA Audit. SSHO worked on updating and closing out Predictive Solutions open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 480				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 26 Jun 2018 - Tuesday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	HIP 1	HIP 1		Ship Island	15,282	417,298				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				GMS/LITER@ <u>82 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			78 °F / 93 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	05:23	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	01:09	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	06:50	0.0		
				1	CONNECTING:	00:00	01:01	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	02:40	0.0		
				0	DISCONNECTING:	00:00	01:32	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	03:59	0.0		
				8,226	TOTALS:	00:00	22:34	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				800	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
3	15,282	Ship Island	0		MINOR OPERATING REPAIRS:	00:00	00:05	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	01:21	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	01:26	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 480
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 26 Jun 2018 - Tuesday	

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

3 loads pumped on Ship Island today: 15,282 CY
87 loads pumped on Ship Island to date: 417,298 CY

87 loads dug in Horn Island Pass Borrow Area to date: 417,298 CY

Two Delays Today:

81min - Cube hose twisted, disconnect and have tug untwist hose
5min - Troubleshoot STBD dredge pump clutch

SAFETY

PRE-SHIFT MEETING:

Liberty: Mate discussed daily work tasks. SSHO and Site Manager discussed heat index and hydration.

JSA DISCUSSIONS:

Liberty: Welding, Crew Boat Personnel Transfer, Working in Hot Weather; Painting, Working from Scaffolding, Sand Blasting, Hooking up and Letting Go of the Cube, Using Incinerator, Cleaning Dragheads, Inspect and Clean out Discharge Box.

BEHAVIORAL OBSERVATIONS:

Liberty: Crews were conducting sandblasting operations wearing proper PPE and taking frequent breaks to hydrate and cool off due to heat.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory for the next couple of days. Real feel temperatures remain above 90 several hours after dark.
Today: Hot and humid again with a high of 90 and a real feel temperature of 102(moderate-high risk).
Tomorrow: high of 89 and real feel of 102(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Liberty: SSHO assisted the Captain with updating JSA's to the new JSA Format. Conducted PS inspection and JSA Audit. SSHO worked on updating and closing out Predictive Solutions open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 481					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 27 Jun 2018 - Wednesday					
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	HIP 1	HIP 1		Ship Island	5,160	422,458					
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>						
	DENSITY OF WATER				GMS/LITER@ <u>82 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		79 °F / 91 °F		10		13				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>					PUMPING:	00:00	00:52	0.0			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:10	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	01:25	0.0			
				1	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:04	0.0			
				0	DISCONNECTING:	00:00	00:15	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	01:19	0.0			
				3,696	TOTALS:	00:00	04:05	0.0			
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:						
				900	TAKING ON FUEL AND SUPPLIES:	00:00	13:02	0.0			
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	06:53	0.0			
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
1	5,160	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	19:55	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 481
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 Jun 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

1 load pumped on Ship Island today: 5,160 CY
88 loads pumped on Ship Island to date: 422,458 CY

88 loads dug in Horn Island Pass Borrow Area to date: 422,458 CY

Three Delays Today:

782min - Took on fuel at Port of Gulfport
235min - Sail to Gulfport
178min - Sail from Gulfport

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day including advancing wye valves and housekeeping. Also discussed SALT book topic "equipment inspections". Stretch and flex conducted followed by SHAKE exercise.
Liberty: Captain discussed daily tasks. Captain and SSHO discussed heat related injuries.

JSA DISCUSSIONS:

Fill Site: adding/breaking shore pipe, changing the wye valve, pulling the drag bar, fueling equipment, working light plant, building/maintaining dikes, moving equipment with forklift.
Liberty: Line Handling, tying up/letting go, Hooking up/Letting go, Crew Boat Personnel Transfer, Using Incinerator, Cleaning Drag heads, Inspect/Clean Discharge Box, Removing/Installing Drag arm Break-Away Flanges, Using Impact Gun, Crane Lift, Working in hot weather, Changing or Removing Drag heads.

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators safely building and maintaining dikes ensuring all personnel observed the safety zone. Survey crew utilizing safe work practices while taking sand samples and performing survey operations.
Liberty: Crews working safely while removing drag heads.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory for the next couple of days. Real feel temperatures remain above 90 several hours after dark.
Today: Some stray showers off shore but otherwise hot and humid again with a high of 90 and a real feel temperature of 102(moderate-high risk).
Tomorrow: high of 91 and real feel of 104(moderate-high risk). 40% chance of rain.
Fill site crews are doing a great job of housekeeping.

GENERAL COMMENTS:

Fill Site: Conducted First Aid Kit training with crew.
Wadmalaw: Conducted GHS/Hazcom and First Aid Kit training.
Brooke Elizabeth: Safety Orientation Videos with Captain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 481							
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Jun 2018 - Wednesday							
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY									
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
		17	2		2	7								
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	33,516	2,597,002							
		AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>										
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>										
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower				
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused No Delay			80 °F / 91 °F		10		16						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			9	30										
AFT			9	30	EFFECTIVE WORKING TIME:									
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:						00:00	06:32	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:						00:00	01:04	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:						00:00	04:15	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		CONNECTING:						00:00	00:28	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		2,633	DUMPING:						00:00	04:34	0.0
GALLONS OF WATER CONSUMED			GAL		500	DISCONNECTING:						00:00	00:19	0.0
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:						00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:						00:00	00:00	0.0	
3	33,516	Ship Island	0		LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES						00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:						00:00	02:12	0.0	
					TRANSFERRING BETWEEN WORKS:						00:00	00:00	0.0	
					LAY TIME:						00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:						00:00	00:00	0.0	
					MISCELLANEOUS:						00:00	01:12	0.0	
					TOTALS:						00:00	03:24	0.0	
					LOST TIME:									
					MAJOR REPAIRS AND ALTERATIONS:						00:00	00:00	0.0	
					CESSATION:						00:00	00:00	0.0	
					COLLISIONS:						00:00	00:00	0.0	
					TOTALS:						00:00	00:00	0.0	
					TOTAL TIME/MILES:						00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 481
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 27 Jun 2018 - Wednesday	

GENERAL COMMENTS

Ellis continued digging in OCS West and pumping on Ship Island and pumping out on subline #3. The last load of the day was dug in HIP 3.

3 loads pumped on Ship Island today: 33,516 CY
251 loads pumped on Ship Island to date: 2,589,220 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
78 loads dug in Horn Island Pass Borrow Area to date: 748,479 CY

Five Delays Today:

- 124min - Work on engine throttles (Two Delays)
- 39min - Crew change
- 33min - Fill site line flush
- 8min - Dredge pump clutch repairs

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day including advancing wye valves and housekeeping. Also discussed SALT book topic "equipment inspections". Stretch and flex conducted followed by SHAKE exercise.
Liberty: Captain discussed daily tasks. Captain and SSHO discussed heat related injuries.

JSA DISCUSSIONS:

Fill Site: adding/breaking shore pipe, changing the wye valve, pulling the drag bar, fueling equipment, working light plant, building/maintaining dikes, moving equipment with forklift.
Liberty: Line Handling, tying up/letting go, Hooking up/Letting go, Crew Boat Personnel Transfer, Using Incinerator, Cleaning Drag heads, Inspect/Clean Discharge Box, Removing/Installing Drag arm Break-Away Flanges, Using Impact Gun, Crane Lift, Working in hot weather, Changing or Removing Drag heads.

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators safely building and maintaining dikes ensuring all personnel observed the safety zone. Survey crew utilizing safe work practices while taking sand samples and performing survey operations.
Liberty: Crews working safely while removing drag heads.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory for the next couple of days. Real feel temperatures remain above 90 several hours after dark.
Today: Some stray showers off shore but otherwise hot and humid again with a high of 90 and a real feel temperature of 102(moderate-high risk).
Tomorrow: high of 91 and real feel of 104(moderate-high risk). 40% chance of rain.
Fill site crews are doing a great job of housekeeping.

GENERAL COMMENTS:

Fill Site: Conducted First Aid Kit training with crew.
Wadmalaw: Conducted GHS/Hazcom and First Aid Kit training.
Brooke Elizabeth: Safety Orientation Videos with Captain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 482			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Jun 2018 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 14,415	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 436,873		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025	GMS/LITER@ <u>82 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			81 °F / 93 °F		10		13		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	02:31	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:28	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	04:38	0.0
				1	CONNECTING:		00:00	00:29	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	02:54	0.0
				0	DISCONNECTING:		00:00	00:17	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	04:09	0.0
				7,364	TOTALS:		00:00	15:26	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				1,200	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	14,415	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	08:34	0.0
						TOTALS:		00:00	08:34	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 482
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 Jun 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

3 loads pumped on Ship Island today: 14,415 CY
 91 loads pumped on Ship Island to date: 436,873 CY

91 loads dug in Horn Island Pass Borrow Area to date: 436,873 CY

Two Delays Today:

421min - No velocity, sink hose twisted
 93min - Wait on Ellis Island

SAFETY

PRE-SHIFT MEETING:
 Wadmalaw: Deck Captain discussed job tasks for the day including working on the cube.

JSA DISCUSSIONS:
 Wadmalaw: working on the cube, working in hot weather, crane lifts

BEHAVIORAL OBSERVATIONS:
 Wadmalaw: Crews performed safe vessel transfers between tug boat and anchor barge.

SITE CONDITIONS & HOUSEKEEPING:
 Heat Advisory for the next couple of days. Real feel temperatures remain above 90° several hours after dark.
 Today: Scattered showers and very humid with a high of 94° and a real feel temperature of 104°(moderate-high risk).
 Tomorrow: high of 92° and real feel of 105°(moderate-high risk). 50% chance of rain.
 Fill site crews are doing a great job of housekeeping.

GENERAL COMMENTS:
 SSHO attended project weekly meeting. Updated Predictive Solutions open issues and also updated training matrix with completed training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 482
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 28 Jun 2018 - Thursday	

GENERAL COMMENTS

Ellis continued digging in HIP 3 and pumping on Ship Island and pumping out on subline #3.

2 loads pumped on Ship Island today: 21,970 CY
253 loads pumped on Ship Island to date: 2,611,190 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
80 loads dug in Horn Island Pass Borrow Area to date: 770,449 CY

Two Delays Today:

108min - Wait on Liberty Island (Two delays)

SAFETY

PRE-SHIFT MEETING:
Wadmalaw: Deck Captain discussed job tasks for the day including working on the cube.

JSA DISCUSSIONS:
Wadmalaw: working on the cube, working in hot weather, crane lifts

BEHAVIORAL OBSERVATIONS:
Wadmalaw: Crews performed safe vessel transfers between tug boat and anchor barge.

SITE CONDITIONS & HOUSEKEEPING:
Heat Advisory for the next couple of days. Real feel temperatures remain above 90° several hours after dark.
Today: Scattered showers and very humid with a high of 94° and a real feel temperature of 104°(moderate-high risk).
Tomorrow: high of 92° and real feel of 105°(moderate-high risk). 50% chance of rain.
Fill site crews are doing a great job of housekeeping.

GENERAL COMMENTS:
SSHO attended project weekly meeting. Updated Predictive Solutions open issues and also updated training matrix with completed training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 483		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Jun 2018 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 33,409	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,652,381	
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1925</u>				
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	
GAGE LOCATION		Air Force Tower		GAGE DATUM		NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			76 °F / 92 °F		10		15	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			9	30					
AFT			9	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:		00:00	03:53	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:		00:00	00:23	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	05:01	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				CONNECTING:		00:00	00:43	0.0	
GALLONS OF FUEL OIL CONSUMED				DUMPING:		00:00	04:42	0.0	
GALLONS OF WATER CONSUMED				DISCONNECTING:		00:00	00:39	0.0	
				TO CUT:		00:00	04:26	0.0	
				TOTALS:		00:00	19:47	0.0	
				NON-EFFECTIVE WORKING TIME:					
				TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:		00:00	01:59	0.0	
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	02:14	0.0	
				TOTALS:		00:00	04:13	0.0	
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
				CESSATION:		00:00	00:00	0.0	
				COLLISIONS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:00	0.0	
				TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 483
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Jun 2018 - Friday

GENERAL COMMENTS

Ellis continued digging in HIP 3 and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 33,409 CY
256 loads pumped on Ship Island to date: 2,644,599 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
83 loads dug in Horn Island Pass Borrow Area to date: 803,858 CY

Four Delays Today:

132min - Wait on Liberty Island (Two delays)
119min - Hydraulic fluid leak on main line
2min - No communication with fill site

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mackie/Ellis: hot work, connecting/disconnecting to the cube, personnel transfer, housekeeping/sanitary, inspecting/cleaning drag heads, using the incinerator

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Captain conducted Weekly Tool Box. Great discussion on electrical safety and electrical equipment inspection prior to use. Also discussed the heat, humidity and hydration. Great participation by the crew during a fire safety drill.
Emma Kate: Crew safely offloading supplies to the Liberty Island.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory for the next couple of days. Real feel temperatures remain above 90° several hours after dark.
Today: Hot and humid again with a high of 92° and a real feel temperature of 105°(moderate-high risk).
Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 60% chance of rain.
Mackie/Ellis crews are doing a good job of housekeeping in their work areas.

GENERAL COMMENTS:

Tug Mackie: SSHO conducted a Predictive Solutions inspection. Some minor issues were discovered and fixed on the spot by the SSHO and crew. SSHO conducted First Aid Kit training.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 483
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 29 Jun 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,318 CY
 95 loads pumped on Ship Island to date: 456,191 CY

95 loads dug in Horn Island Pass Borrow Area to date: 456,191 CY

Two Delays Today:

37min - Wait on Ellis Island
 2min - Supply transfer

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mackie/Ellis: hot work, connecting/disconnecting to the cube, personnel transfer, housekeeping/sanitary, inspecting/cleaning drag heads, using the incinerator

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Captain conducted Weekly Tool Box. Great discussion on electrical safety and electrical equipment inspection prior to use. Also discussed the heat, humidity and hydration. Great participation by the crew during a fire safety drill.
 Emma Kate: Crew safely offloading supplies to the Liberty Island.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory for the next couple of days. Real feel temperatures remain above 90° several hours after dark.
 Today: Hot and humid again with a high of 92° and a real feel temperature of 105°(moderate-high risk).
 Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 60% chance of rain.
 Mackie/Ellis crews are doing a good job of housekeeping in their work areas.

GENERAL COMMENTS:

Tug Mackie: SSHO conducted a Predictive Solutions inspection. Some minor issues were discovered and fixed on the spot by the SSHO and crew. SSHO conducted First Aid Kit training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 484			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Jun 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 32,834	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,685,215			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			73 °F / 96 °F		9		17		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	02:41	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:14	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	03:20	0.0		
			1		CONNECTING:	00:00	00:10	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	07:04	0.0		
			0		DISCONNECTING:	00:00	00:30	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:19	0.0		
			3,012		TOTALS:	00:00	18:18	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	32,834	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	03:22	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	02:20	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	05:42	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 484
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 30 Jun 2018 - Saturday	

GENERAL COMMENTS

Ellis continued digging in HIP 3 and pumping on Ship Island and pumping out on subline #3.

3 loads pumped on Ship Island today: 32,834 CY
 259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
 86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

Five Delays:

- 155min - Investigate hole in hull
- 90min - Sat on draghead; bottom dump load to secure list and tank
- 50min - Wait on Liberty Island
- 39min - Dredge pump repairs
- 8min - Troubleshoot slack wire signal

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, moving barges, cleaning bells/balls, working in hot weather, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews performed multiple crane lifts in a safe and efficient manner. Tag lines in use, proper hand signals and crews staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory continues. Real feel temperatures remain above 90° several hours after dark.
 Today: Scattered storms but otherwise hot and humid again with a high of 91° and a real feel temperature of 104°(moderate-high risk).
 Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 65% chance of rain.
 Mobro 1706 crews are doing a good job of housekeeping in their work areas.

GENERAL COMMENTS:

SSHO conducted First Aid Kit training with Bullgang. Worked on HAZCOM program and hazardous chemical list for the Mackie and Bullgang. Worked with Ellis Captain to sign off 2 Predictive Solutions open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 484
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Jun 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,358	475,549
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 94 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	03:38	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:09	0.0
			1	CONNECTING:	00:00	00:53	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	03:19	0.0
			0	DISCONNECTING:	00:00	01:10	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:25	0.0
			9,067	TOTALS:	00:00	21:49	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			2,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,358	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:15	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	01:56	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	02:11	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 484
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 Jun 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,358 CY
 99 loads pumped on Ship Island to date: 475,549 CY

99 loads dug in Horn Island Pass Borrow Area to date: 475,549 CY

Three Delays Today:

116min - Wait on Ellis Island (Two delays)
 15min - Wire caught on draghead

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, moving barges, cleaning bells/balls, working in hot weather, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews performed multiple crane lifts in a safe and efficient manner. Tag lines in use, proper hand signals and crews staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Heat Advisory continues. Real feel temperatures remain above 90° several hours after dark.

Today: Scattered storms but otherwise hot and humid again with a high of 91° and a real feel temperature of 104°(moderate-high risk).

Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 65% chance of rain.

Mobro 1706 crews are doing a good job of housekeeping in their work areas.

GENERAL COMMENTS:

SSHO conducted First Aid Kit training with Bullgang. Worked on HAZCOM program and hazardous chemical list for the Mackie and Bullgang. Worked with Ellis Captain to sign off 2 Predictive Solutions open issues.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 485
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Jul 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,494 CY
 103 loads pumped on Ship Island to date: 495,043 CY

103 loads dug in Horn Island Pass Borrow Area to date: 495,043 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and addressed spill containment. Also discussed SALT book topic "fueling".
 Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: working in the light plant, changing the wye valve, moving equipment with forklift, building/maintaining dikes, adding/breaking shore pipe.

BEHAVIORAL OBSERVATIONS:

Fill site: Crews safely performing weekly inspections on all equipment. Crews operating heavy equipment safely and ground personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered storms but otherwise hot and humid again with a high of 91° and a real feel temperature of 104°(moderate-high risk).

Tomorrow: high of 86° and real feel of 97°(moderate-high risk). 65% chance of rain.

Fill Site crews are doing a great job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Fill site: SSHO conducted First Aid Kit, Lock out Tag out, GHS/Hazcom and Drug & Alcohol training.
 SSHO conducted AED monthly inspections on the Ohio River, Emma Kate and Fill Site. Uploaded to heartsmartpro.com website.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 510 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 485
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 Jul 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,685,215
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 91 °F	10	16

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			
AFT		9	30			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			PUMPING:			
AVERAGE SPEED OF DREDGE DURING LOADING			TURNING:			
			TO DUMP:			
AVERAGE SPEED OF DREDGE DURING AGITATING			CONNECTING:			
			DUMPING:			
GALLONS OF FUEL OIL CONSUMED			DISCONNECTING:			
			TO CUT:			
GALLONS OF WATER CONSUMED			TOTALS:			
			NON-EFFECTIVE WORKING TIME:			
			TAKING ON FUEL AND SUPPLIES:			
			TO AND FROM WHARF OR ANCHORAGE:			
			LOSS DUE TO NATURAL ELEMENTS:			
			LOSS DUE TO TRAFFIC AND BRIDGES:			
			MINOR OPERATING REPAIRS:			
			TRANSFERRING BETWEEN WORKS:			
			LAY TIME:			
			FIRE AND BOAT DRILLS:			
			MISCELLANEOUS:			
			TOTALS:			
			LOST TIME:			
			MAJOR REPAIRS AND ALTERATIONS:			
			CESSATION:			
			COLLISIONS:			
			TOTALS:			
			TOTAL TIME/MILES:			

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 485
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Jul 2018 - Sunday

GENERAL COMMENTS

Ellis is off-contract for hull repairs.

259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY

86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 486				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Jul 2018 - Monday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,495	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 514,538				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>						
	DENSITY OF WATER				1025	GMS/LITER@ <u>82 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56			
	MIN	0	TIME	19:59	MAX	1	TIME	10:26			
GAGE LOCATION		Air Force Tower									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY	WIND				
	Weather Caused No Delay			73 °F / 86 °F	10	10					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:				00:00	03:24	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:				00:00	00:35	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	07:16	0.0	
				1	CONNECTING:				00:00	00:33	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	03:08	0.0	
				0	DISCONNECTING:				00:00	00:50	0.0
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	04:54	0.0	
				10,096	TOTALS:				00:00	20:40	0.0
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:					
				1,000	TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0
4	19,495	Ship Island		0	MINOR OPERATING REPAIRS:				00:00	03:03	0.0
					TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0
					LAY TIME:				00:00	00:00	0.0
					FIRE AND BOAT DRILLS:				00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:				00:00	00:17	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:				00:00	03:20	0.0
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 486
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 02 Jul 2018 - Monday	

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out subline #3 onto Ship Island.

4 loads pumped on Ship Island today: 19,495 CY
 107 loads pumped on Ship Island to date: 514,538 CY

107 loads dug in Horn Island Pass Borrow Area to date: 514,538 CY

Three Delays Today:

- 177min - Engine shutdown on code red, turbo
- 17min - Fouled pickup line
- 6min - Main engine/propulsion troubleshoot

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and addressed spill containment. Also discussed SALT book topic "fueling".
 Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: working the light plant, changing the wye valve, moving equipment with forklift, building/maintaining dikes, adding/breaking shore pipe.

BEHAVIORAL OBSERVATIONS:

Fill site: Crews safely performing weekly inspections on all equipment. Crews operating heavy equipment safely and ground personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered heavy storms but otherwise hot and humid again with a high of 86° and a real feel temperature of 97°(moderate-high risk).
 Tomorrow: high of 85° and real feel of 96°(moderate-high risk). 65% chance of rain.
 Fill Site crews are doing a great job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

SSHO escorted E Fire personnel to the Fill Site, Mobro 1706, Yard and Office. E Fire conducted annual inspections on all fire extinguishers at these sites. Some issues were discovered and added to the Predictive Solutions data base.
 SSHO conducted 3 new hire orientations.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 486
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Jul 2018 - Monday

GENERAL COMMENTS

Ellis is off-contract for hull repairs.

259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY

86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 487
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Jul 2018 - Tuesday

GENERAL COMMENTS

Ellis is off-contract for hull repairs.

259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY

86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 519 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 487
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Jul 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island spent the entire day at the pumpout for repairs to the port main engine turbo.

0 loads pumped on Ship Island today: 0 CY

107 loads pumped on Ship Island to date: 514,538 CY

107 loads dug in Horn Island Pass Borrow Area to date: 514,538 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, hot work, moving equipment with forklift

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Deckhand was showing a new hire how to properly handle lines and secure equipment with lines. Welder was performing hot work safely and had a hot work permit filled out.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain and overcast with a high of 85° and a real feel temperature of 94°(moderate-high risk).

Tomorrow: high of 89° and real feel of 102°(moderate-high risk). 60% chance of rain.

Mobro crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

SSHO conducted First Aid kit, GHS/Hazcom, Drug & Alcohol, Lock Out/Tag Out and Hand Safety training with 2 new hire personnel.

Uploaded ACB8, ACB9 and AB113 weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 488
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Jul 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	17	2		
			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	514,538
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 90 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			2,100	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			700	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 521 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 488
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Jul 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island spent the entire day at the pumpout for repairs to the port main engine turbo.

0 loads pumped on Ship Island today: 0 CY

107 loads pumped on Ship Island to date: 514,538 CY

107 loads dug in Horn Island Pass Borrow Area to date: 514,538 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. SSHO discussed recent hand injuries throughout the company and emphasized hand safety to the crew.

JSA DISCUSSIONS:

Mobro 1706: crane lifts, hot work, moving equipment with forklift

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid again with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 88° and real feel of 99°(moderate-high risk). 60% chance of rain.

Mobro crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

SSHO conducted AED monthly inspection on the Mobro 1706 and recorded it on the heartsmartpro.com website. Worked with Ohio River Captain to sign off outstanding Predictive Solutions open issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 523 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 488
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 Jul 2018 - Wednesday

GENERAL COMMENTS

Ellis is off-contract for hull repairs.

259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY

86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 489
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Jul 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	514,538
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 90 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			2,100	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			700	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			
				TOTALS:			
				00:00	24:00	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 489
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 05 Jul 2018 - Thursday

GENERAL COMMENTS

The Liberty Island spent the entire day at the pumpout for repairs to the port main engine turbo.

0 loads pumped on Ship Island today: 0 CY

107 loads pumped on Ship Island to date: 514,538 CY

107 loads dug in Horn Island Pass Borrow Area to date: 514,538 CY

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed daily operations. SSHO discussed hand safety/gloves.

JSA DISCUSSIONS:

Hot work; Housekeeping; painting; personnel transfers.

BEHAVIORAL OBSERVATIONS:

Observed crew painting equipment on the Air Compressor Barge. Crew maintained the proper PPE and was staying hydrated.

SITE CONDITIONS & HOUSEKEEPING:

55% chance of rain showers today with gusts of wind up to 27 mph. A daytime high of 88 and a real feel temperature of 98 (moderate-high risk).

Forecast for tomorrow is a high of 88 and real feel of 100 (moderate risk). Cloudy with a 40% chance of rain.

GENERAL COMMENTS:

Conducted New Hire Orientation.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 489
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Jul 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,685,215
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 91 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			500	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			300	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 489
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Jul 2018 - Thursday

GENERAL COMMENTS

Ellis is off-contract for hull repairs.

259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY

86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 490
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Jul 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,685,215
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 91 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	0	0		EFFECTIVE WORKING TIME:			
AFT				PUMPING:	00:00	00:00	0.0
	0	0		TURNING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>				TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON _____				CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	TO CUT:	00:00	00:00	0.0
			0	TOTALS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
			0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	00:00	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00	24:00	0.0	
				CESSATION:			
				00:00	00:00	0.0	
				COLLISIONS:			
				00:00	00:00	0.0	
				TOTALS:			
				00:00	24:00	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 490
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Jul 2018 - Friday

GENERAL COMMENTS

Ellis is off-contract for hull repairs.

259 loads pumped on Ship Island to date: 2,677,433 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY

86 loads dug in Horn Island Pass Borrow Area to date: 836,692 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 490
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Jul 2018 - Friday

GENERAL COMMENTS

The Liberty Island spent the entire day at the pumpout for repairs to the port main engine turbo. Repairs were completed around 2330 and repairs were tested.

0 loads pumped on Ship Island today: 0 CY
107 loads pumped on Ship Island to date: 514,538 CY

107 loads dug in Horn Island Pass Borrow Area to date: 514,538 CY

SAFETY

PRE-SHIFT MEETING:
Liberty Island - Captain discussed conducting safety on every task, ESF, and daily operations.

JSA DISCUSSIONS:
Working in Hot Weather; Welding; Working over 6 feet; Crew Boat Personnel Transfer; Painting; Sandblasting; Working with Power Tools.

BEHAVIORAL OBSERVATIONS:
Observed fire drill and boat drill. Crew engaged each drill safely.

SITE CONDITIONS & HOUSEKEEPING:
40% chance of rain tonight. A daytime high of 87 and a real feel temperature of 97 (moderate-high risk). Forecast for tomorrow is a high of 87 and real feel of 99 (moderate risk). Cloudy with a 50% chance of rain.

GENERAL COMMENTS:
Conducted First Aid Kit Training on the Liberty Island (12 personnel). Conducted Refresh Training on CPR/AED (12 personnel).

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 491			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Jul 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,476	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 534,014		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>82</u> °F					
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 90 °F		10		10		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	03:29	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:16	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	06:56	0.0
				1	CONNECTING:		00:00	00:16	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	03:46	0.0
				0	DISCONNECTING:		00:00	01:26	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:39	0.0
				8,287	TOTALS:		00:00	22:48	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				1,300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
4	19,476	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT						MISCELLANEOUS:		00:00	01:12	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:		00:00	01:12	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 491
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Jul 2018 - Saturday

GENERAL COMMENTS

The Liberty Island resumed dig operations after repairs were completed at 0210. Continued digging in HIP 1.

4 loads pumped on Ship Island today: 19,476 CY

111 loads pumped on Ship Island to date: 534,014 CY

111 loads dug in Horn Island Pass Borrow Area to date: 534,014 CY

Two Delays Today:

62min - Wait on Ellis Island

10min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain discussed daily operations with the crew.

JSA DISCUSSIONS:

Working in Hot Weather; Hooking up and Letting go of the Cube; Inspect and Clean out Discharge Box; Painting; Cleaning Dragheads; Chipping and Grinding; Crew Boat Personnel Transfer; Working with Power Tools.

BEHAVIORAL OBSERVATIONS:

Observed crew prepping for paint using grinders. Crew was wearing proper PPE and taking frequent breaks.

SITE CONDITIONS & HOUSEKEEPING:

60% chance of rain. A daytime high of 86 and a real feel temperature of 98 (moderate-high risk).

Forecast for tomorrow is a high of 86 and real feel of 98 (moderate risk). Partly cloudy with a 60% chance of rain.

GENERAL COMMENTS:

Generated list of authorized respirator users from Bullseye for the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 491			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Jul 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 22,016	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,707,231			
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 90 °F		10		9		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	03:58	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:41	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:44	0.0	
			1	CONNECTING:		00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:47	0.0	
			0	DISCONNECTING:		00:00	00:20	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:00	0.0	
			3,000	TOTALS:		00:00	19:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
2	22,016	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	01:55	0.0	
					TOTALS:		00:00	01:55	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	03:05	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	03:05	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 491
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Jul 2018 - Saturday

GENERAL COMMENTS

Ellis began the day off-contract for repairs. The repairs were completed around 0010 and the dredge resumed digging at 0305. Dredge continued digging in HIP 3.

2 loads pumped on Ship Island today: 22,016 CY
261 loads pumped on Ship Island to date: 2,699,449 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
88 loads dug in Horn Island Pass Borrow Area to date: 858,708 CY

One Delay Today:

115min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:
Liberty Island - Captain discussed daily operations with the crew.

JSA DISCUSSIONS:
Working in Hot Weather; Hooking up and Letting go of the Cube; Inspect and Clean out Discharge Box; Painting; Cleaning Dragheads; Chipping and Grinding; Crew Boat Personnel Transfer; Working with Power Tools.

BEHAVIORAL OBSERVATIONS:
Observed crew prepping for paint using grinders. Crew was wearing proper PPE and taking frequent breaks.

SITE CONDITIONS & HOUSEKEEPING:
60% chance of rain. A daytime high of 86 and a real feel temperature of 98 (moderate-high risk).
Forecast for tomorrow is a high of 86 and real feel of 98 (moderate risk). Partly cloudy with a 60% chance of rain.

GENERAL COMMENTS:
Generated list of authorized respirator users from Bullseye for the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 492
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Jul 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	24,693	558,707
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 87 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	04:30	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:30	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:36	0.0
			1	CONNECTING:	00:00	00:38	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:08	0.0
			0	DISCONNECTING:	00:00	00:28	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:10	0.0
			10,461	TOTALS:	00:00	24:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			900	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
5	24,693	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 492
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Jul 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

5 loads pumped on Ship Island today: 24,693 CY

116 loads pumped on Ship Island to date: 558,707 CY

116 loads dug in Horn Island Pass Borrow Area to date: 558,707 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Discussed hand safety and daily tasks.

JSA DISCUSSIONS:

Housekeeping; Crane lift; Hotwork; Working in Hot Weather.

SITE CONDITIONS & HOUSEKEEPING:

50% chance of rain. A daytime high of 86 and a real feel temperature of 97 (moderate-high risk).

Forecast for tomorrow is a high of 88 and real feel of 101 (moderate risk). Partly cloudy with a 50% chance of rain.

GENERAL COMMENTS:

Conducted WTB with the Bull Gang on Sprains and Strains.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 492
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Jul 2018 - Sunday

GENERAL COMMENTS

Ellis continued digging in HIP 3. While sailing back to the borrow area after pumping out a load, the AFE1 capacitor in the barge multdrive failed. Ellis went to anchor in the borrow area for the rest of the day to troubleshoot.

1 load pumped on Ship Island today: 11,114 CY
263 loads pumped on Ship Island to date: 2,710,563 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

One Delay Today:

1230min - Failure of capacitor on barge multdrive

SAFETY

PRE-SHIFT MEETING:
Bull Gang - Discussed hand safety and daily tasks.

JSA DISCUSSIONS:
Housekeeping; Crane lift; Hotwork; Working in Hot Weather.

SITE CONDITIONS & HOUSEKEEPING:
50% chance of rain. A daytime high of 86 and a real feel temperature of 97 (moderate-high risk).
Forecast for tomorrow is a high of 88 and real feel of 101 (moderate risk). Partly cloudy with a 50% chance of rain.

GENERAL COMMENTS:
Conducted WTB with the Bull Gang on Sprains and Strains.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 493
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Jul 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,718,345
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1925
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 90 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	500	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	300	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 493
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Jul 2018 - Monday

GENERAL COMMENTS

The Ellis Island remained anchored in the HIP 3 borrow area waiting for repairs to the multidrive system.

0 loads pumped on Ship Island today: 0 CY
263 loads pumped on Ship Island to date: 2,710,563 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

SAFETY

PRE-SHIFT MEETING:
Wadmalaw Booster - Chief discussed daily work tasks. SSOH discussed heat related injuries.

JSA DISCUSSIONS:
Housekeeping; daily engine room maintenance

SITE CONDITIONS & HOUSEKEEPING:
50% chance of rain. A daytime high of 91 and a real feel temperature of 102 (moderate-high risk).
Forecast for tomorrow is a high of 90 and real feel of 102 (moderate risk). Partly cloudy with a 50% chance of rain.

GENERAL COMMENTS:
SSOH conducted training on First Aid Kit and HAZCOM.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 493
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Jul 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,751	578,458
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 90 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	03:25	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:24	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:51	0.0
			1	CONNECTING:	00:00	00:55	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:33	0.0
			0	DISCONNECTING:	00:00	01:03	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:41	0.0
			9,695	TOTALS:	00:00	23:52	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,100	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:08	0.0
4	19,751	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 493
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Jul 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 19,751 CY
 120 loads pumped on Ship Island to date: 578,458 CY

120 loads dug in Horn Island Pass Borrow Area to date: 578,458 CY

One Delay Today:

8min - Repairs made to clutch

SAFETY

PRE-SHIFT MEETING:

Wadmalaw Booster - Chief discussed daily work tasks. SSHO discussed heat related injuries.

JSA DISCUSSIONS:

Housekeeping; daily engine room maintenance

SITE CONDITIONS & HOUSEKEEPING:

50% chance of rain. A daytime high of 91 and a real feel temperature of 102 (moderate-high risk).
 Forecast for tomorrow is a high of 90 and real feel of 102 (moderate risk). Partly cloudy with a 50% chance of rain.

GENERAL COMMENTS:

SSHO conducted training on First Aid Kit and HAZCOM.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 494						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Jul 2018 - Tuesday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 1	HIP 1		Ship Island	20,047	598,505						
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>								
		DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>								
RIVER/TIDE STAGE		MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower		
		MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88		
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		78 °F / 95 °F		10		9					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				9		30							
AFT				9		30							
DRAG DEPTH		MAX <u>34</u>		MIN <u>35</u>									
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		7,484							
GALLONS OF WATER CONSUMED				GAL		1,200							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
4	20,047	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:06		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:06		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 494
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Jul 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 20,047 CY
 124 loads pumped on Ship Island to date: 598,505 CY

124 loads dug in Horn Island Pass Borrow Area to date: 598,505 CY

One Delay Today:

6min - Repairs made to clutch

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain discussed Near Miss that happened on board the previous day. Also discussed daily tasks.

JSA DISCUSSIONS:

Painting; Working over 6 feet; Hooking up tug at pump out to our stern; Clean dragheads; Inspect and clean out discharge box; Working in Hot Weather; Welding; Sand Blasting; Greasing gear and hopper and upper doors; Hooking up and letting go of cube.

BEHAVIORAL OBSERVATIONS:

Observed crew hooking up and letting go of the cube. Crew worked well together.

SITE CONDITIONS & HOUSEKEEPING:

50% chance of rain. A daytime high of 88 and a real feel temperature of 100 (moderate-high risk).
 Forecast for tomorrow is a high of 90 and real feel of 103 (moderate risk). Partly cloudy with a 50% chance of rain.

GENERAL COMMENTS:

SSHO conducted PS inspection. SSHO conducted JSA Audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 494
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Jul 2018 - Tuesday

GENERAL COMMENTS

The Ellis Island remained anchored in the HIP 3 borrow area waiting for repairs to the multidrive system.

0 loads pumped on Ship Island today: 0 CY
263 loads pumped on Ship Island to date: 2,710,563 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain discussed Near Miss that happened on board the previous day. Also discussed daily tasks.

JSA DISCUSSIONS:

Painting; Working over 6 feet; Hooking up tug at pump out to our stern; Clean dragheads; Inspect and clean out discharge box; Working in Hot Weather; Welding; Sand Blasting; Greasing gear and hopper and upper doors; Hooking up and letting go of cube.

BEHAVIORAL OBSERVATIONS:

Observed crew hooking up and letting go of the cube. Crew worked well together.

SITE CONDITIONS & HOUSEKEEPING:

50% chance of rain. A daytime high of 88 and a real feel temperature of 100 (moderate-high risk).
Forecast for tomorrow is a high of 90 and real feel of 103 (moderate risk). Partly cloudy with a 50% chance of rain.

GENERAL COMMENTS:

SSHO conducted PS inspection. SSHO conducted JSA Audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 495
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 Jul 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,968	618,473
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 95 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	03:28	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:14	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:06	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:38	0.0
			1	DUMPING:	00:00	05:49	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:23	0.0
			0	TO CUT:	00:00	05:31	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:09	0.0
			8,108	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:34	0.0
4	19,968	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:17	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:51	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 495
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Jul 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 19,968 CY
 128 loads pumped on Ship Island to date: 618,473 CY

128 loads dug in Horn Island Pass Borrow Area to date: 618,473 CY

Three Delays Today:

34min - Port main engine troubleshooting
 12min - Stores/Parts transfer
 5min - Crew boat transfer

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain discussed Near Miss that happened on board the previous day. Also discussed daily tasks.

JSA DISCUSSIONS:

Painting; Working over 6 feet; Hooking up tug at pump out to our stern; Clean dragheads; Inspect and clean out discharge box; Working in Hot Weather; Welding; Sand Blasting; Greasing gear and hopper and upper doors; Hooking up and letting go of cube.

BEHAVIORAL OBSERVATIONS:

Observed crew hooking up and letting go of the cube. Crew worked well together.

SITE CONDITIONS & HOUSEKEEPING:

40% chance of rain. A daytime high of 90 and a real feel temperature of 103 (moderate-high risk).
 Forecast for tomorrow is a high of 90 and real feel of 102 (moderate risk). Partly cloudy with a 40% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 495
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 Jul 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,718,345
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	79 °F / 91 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	778	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	300	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 495
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Jul 2018 - Wednesday

GENERAL COMMENTS

The Ellis Island remained anchored in the HIP 3 borrow area waiting for repairs to the multidrive system.

0 loads pumped on Ship Island today: 0 CY
 263 loads pumped on Ship Island to date: 2,710,563 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
 89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

SAFETY

PRE-SHIFT MEETING:

Liberty Island - Captain discussed Near Miss that happened on board the previous day. Also discussed daily tasks.

JSA DISCUSSIONS:

Painting; Working over 6 feet; Hooking up tug at pump out to our stern; Clean dragheads; Inspect and clean out discharge box; Working in Hot Weather; Welding; Sand Blasting; Greasing gear and hopper and upper doors; Hooking up and letting go of cube.

BEHAVIORAL OBSERVATIONS:

Observed crew hooking up and letting go of the cube. Crew worked well together.

SITE CONDITIONS & HOUSEKEEPING:

40% chance of rain. A daytime high of 90 and a real feel temperature of 103 (moderate-high risk).
 Forecast for tomorrow is a high of 90 and real feel of 102 (moderate risk). Partly cloudy with a 40% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 496					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Jul 2018 - Thursday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	HIP 3	HIP 3		Ship Island	0	2,718,345						
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>								
	DENSITY OF WATER			1025	GMS/LITER@ <u>68</u> °F							
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33				
	MIN	0	TIME	01:24	MAX	1	TIME	14:23				
GAGE LOCATION		Air Force Tower										
GAGE DATUM		NAVD88										
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		76 °F / 91 °F		10		12					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
		9		30								
AFT		9		30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	690	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	100	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	24:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 496
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Jul 2018 - Thursday

GENERAL COMMENTS

The Ellis Island remained anchored in the HIP 3 borrow area waiting for repairs to the multidrive system.

0 loads pumped on Ship Island today: 0 CY
 263 loads pumped on Ship Island to date: 2,710,563 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
 89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 103°(moderate-high risk).
 Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 40% chance of rain.
 Mobro crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

SSHOs attended monthly Safety conference call. Also attended weekly project meeting. Uploaded equipment weekly inspections into NS5. Submitted supply requisition for safety locker.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 496
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Jul 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,027	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 638,500
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 95 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	03:21	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:17	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:04	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:52	0.0
			1	DUMPING:	00:00	05:04	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:46	0.0
			0	TO CUT:	00:00	05:40	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:04	0.0
			8,267	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN					
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
4	20,027	Ship Island	0	MINOR OPERATING REPAIRS:			00:00	00:56	0.0
				TRANSFERRING BETWEEN WORKS:			00:00	00:00	0.0
				LAY TIME:			00:00	00:00	0.0
				FIRE AND BOAT DRILLS:			00:00	00:00	0.0
				MISCELLANEOUS:			00:00	00:00	0.0
				TOTALS:			00:00	00:56	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN					
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:			00:00	00:00	0.0
				CESSATION:			00:00	00:00	0.0
				COLLISIONS:			00:00	00:00	0.0
				TOTALS:			00:00	00:00	0.0
				TOTAL TIME/MILES:			00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 496
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Jul 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 20,027 CY
 132 loads pumped on Ship Island to date: 638,500 CY

132 loads dug in Horn Island Pass Borrow Area to date: 638,500 CY

Two Delays Today:

29min - Lost STBD main engine
 27min - Dredge pump stalled out

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 103°(moderate-high risk).
 Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 40% chance of rain.
 Mobro crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

SSHOs attended monthly Safety conference call. Also attended weekly project meeting. Uploaded equipment weekly inspections into NS5. Submitted supply requisition for safety locker.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 497
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Jul 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	15,046	653,546
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN <u>0</u> TIME <u>19:10</u>	MAX <u>1</u> TIME <u>09:56</u>	GAGE LOCATION <u>Air Force Tower</u>
	MIN <u>0</u> TIME <u>19:59</u>	MAX <u>1</u> TIME <u>10:26</u>	GAGE DATUM <u>NAVD88</u>

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 95 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30			
AFT		9	30			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>			EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			PUMPING: 00:00 02:33 0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			TURNING: 00:00 00:49 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			TO DUMP: 00:00 04:52 0.0			
GALLONS OF FUEL OIL CONSUMED			CONNECTING: 00:00 00:21 0.0			
GALLONS OF WATER CONSUMED			DUMPING: 00:00 03:51 0.0			
			DISCONNECTING: 00:00 00:20 0.0			
			TO CUT: 00:00 04:13 0.0			
			TOTALS: 00:00 16:59 0.0			
			NON-EFFECTIVE WORKING TIME:			
			TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0			
			TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0			
			LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0			
			LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0			
			MINOR OPERATING REPAIRS: 00:00 07:01 0.0			
			TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0			
			LAY TIME: 00:00 00:00 0.0			
			FIRE AND BOAT DRILLS: 00:00 00:00 0.0			
			MISCELLANEOUS: 00:00 00:00 0.0			
			TOTALS: 00:00 07:01 0.0			
			LOST TIME:			
			MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0			
			CESSATION: 00:00 00:00 0.0			
			COLLISIONS: 00:00 00:00 0.0			
			TOTALS: 00:00 00:00 0.0			
			TOTAL TIME/MILES: 00:00 24:00 0.0			

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
3	15,046	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 497
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Jul 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

3 loads pumped on Ship Island today: 15,046 CY
135 loads pumped on Ship Island to date: 653,546 CY

135 loads dug in Horn Island Pass Borrow Area to date: 653,546 CY

One Delay Today:

421min - Repairs to STBD main engine

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day.

Liberty Island: Captain discussed daily operations and life boat drills.

Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Mackie/Ellis: using the incinerator, grinding and wire wheeling, using needle guns, painting

Liberty Island: using the incinerator, crew boat personnel transfer, cleaning drag heads, inspect/clean out discharge box, hooking up/letting go of the cube, working in hot weather, operating anchor windlass, working with scaffolding, sand blasting, erecting scaffolding

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews painting wearing all required PPE.

Liberty Island: Crews working safely during boat drills. Divers and crew conducting a JSA brief. Dive operations performed in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 40% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Mackie/Ellis: Conducted Predictive Solutions inspection on the Ellis with one issue discovered and fixed on the spot by SSHO. Conducted monthly AED inspections. Ordered replacement AED pads for Liberty Island and Ohio River.

Liberty Island: Conducted PS inspection and 2 respirator fit tests.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 497				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Jul 2018 - Friday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	HIP 3	HIP 3		Ship Island	0	2,718,345					
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1925</u>					
	DENSITY OF WATER			1025		GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)	VISIBILITY	WIND					
	Weather Caused No Delay			76 °F / 91 °F	10	12					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0		
			1	CONNECTING:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0		
			0	DISCONNECTING:		00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0		
			1,347	TOTALS:		00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:						
			200	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	20:52	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:		00:00	03:08	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	24:00	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 497
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Jul 2018 - Friday

GENERAL COMMENTS

The Ellis remained anchored in HIP 3 while repairs and testing were conducted on the multidrive system; repairs and testing were concluded at approximately 20:50. The Ellis heaved anchor and sailed to OCS West.

0 loads pumped on Ship Island today: 0 CY
263 loads pumped on Ship Island to date: 2,710,563 CY

173 loads dug in OCS West Borrow Area to date: 1,840,741 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

SAFETY

PRE-SHIFT MEETING:
Mackie/Ellis: Captain and Mate discussed job tasks for the day.

Liberty Island: Captain discussed daily operations and life boat drills.

Stretch and flex exercises conducted.

JSA DISCUSSIONS:
Mackie/Ellis: using the incinerator, grinding and wire wheeling, using needle guns, painting

Liberty Island: using the incinerator, crew boat personnel transfer, cleaning drag heads, inspect/clean out discharge box, hooking up/letting go of the cube, working in hot weather, operating anchor windlass, working with scaffolding, sand blasting, erecting scaffolding

BEHAVIORAL OBSERVATIONS:
Mackie/Ellis: Crews painting wearing all required PPE.

Liberty Island: Crews working safely during boat drills. Divers and crew conducting a JSA brief. Dive operations performed in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:
Heat advisory for the next several days. Heat index remaining above 100°.
Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).
Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 40% chance of rain.
Mackie/Ellis crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:
Mackie/Ellis: Conducted Predictive Solutions inspection on the Ellis with one issue discovered and fixed on the spot by SSHO. Conducted monthly AED inspections. Ordered replacement AED pads for Liberty Island and Ohio River.

Liberty Island: Conducted PS inspection and 2 respirator fit tests.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 498			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Jul 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 15,065	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 668,611		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>82</u> °F					
RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56		
	MIN	0	TIME	19:59	MAX	1	TIME	10:26		
GAGE LOCATION		Air Force Tower								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			78 °F / 95 °F		10		12		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			9	30						
AFT			9	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>						PUMPING:		00:00	03:31	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	06:19	0.0
				1	CONNECTING:		00:00	00:54	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	03:56	0.0
				0	DISCONNECTING:		00:00	00:26	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	04:31	0.0
				6,350	TOTALS:		00:00	20:04	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				2,350	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	15,065	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	03:56	0.0
						TOTALS:		00:00	03:56	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 498
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Jul 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

3 loads pumped on Ship Island today: 15,065 CY
 138 loads pumped on Ship Island to date: 668,611 CY

138 loads dug in Horn Island Pass Borrow Area to date: 668,611 CY

Two Delays Today:

145min - Waiting on Ellis Island
 91min - Hose kinked

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. SSHO discussed hydration with the crews.
 Fill Site: Foreman discussed job tasks for the day. Also discussed SALT book topic on lightening. Stretch and Flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: Hot Work, operating heavy equipment, moving barges, working in hot weather, crane lifting, fueling equipment, airing up tires

Fill Site: Mechanic Duties, Hot Work Activities, Adding-Breaking Shore Pipe, Pulling the Drag Bar, Changing the Wye-Valve, Fueling Equipment, Building and Maintaining Dikes, Moving Equipment with Forklift.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews safely servicing tires on heavy equipment. Crews inspected equipment and had whip check was installed. Crews safely operating heavy equipment and observing the safety zone.

Fill Site: Operators building and maintaining dikes. Operators maintained communication and visual contact with one another and crews were maintaining the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.
 Today: Hot and humid with a high of 91° and a real feel temperature of 104°(moderate-high risk).
 Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 25% chance of rain.
 Mobro 1706: crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Mobro 1706: Conducted safety walk around with no deficiencies noted. Conducted Fall Protection training with 2 Bullgang crew. Two JSA audits.
 Fill Site: Conducted initial inspections on D6 dozer GL667, Loader GL656, Loader GL681 and UTV 10319505. Minor deficiencies noted and annotated in Predictive Solutions.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 498
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Jul 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,469	2,740,814
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 93 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30	EFFECTIVE WORKING TIME:		
AFT		9	30	PUMPING:	00:00	03:57	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:25	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	04:28	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:27	0.0
			1	DUMPING:	00:00	06:02	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:29	0.0
			0	TO CUT:	00:00	04:06	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	19:54	0.0
			2,189	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	22,469	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	02:52	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	01:14	0.0
				TOTALS:	00:00	04:06	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 498
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Jul 2018 - Saturday

GENERAL COMMENTS

The Ellis resumed dredging in OCS West 4B at 00:19 and pumping on subline #3.

2 loads pumped on Ship Island today: 22,469 CY
264 loads pumped on Ship Island to date: 2,733,032 CY

175 loads dug in OCS West Borrow Area to date: 1,863,210 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

Nine Delays Today:

- 114min - Long sail times (three delays)
- 40min - Dredge pump clutched out
- 35min - Wait on Liberty Island
- 19min - Clean hopper
- 18min - Troubleshoot valve on main engine
- 15min - Check velocity gauge
- 5min - Resetting engine alarms

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. SSHO discussed hydration with the crews.
Fill Site: Foreman discussed job tasks for the day. Also discussed SALT book topic on lightening. Stretch and Flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: Hot Work, operating heavy equipment, moving barges, working in hot weather, crane lifting, fueling equipment, airing up tires

Fill Site: Mechanic Duties, Hot Work Activities, Adding-Breaking Shore Pipe, Pulling the Drag Bar, Changing the Wye-Valve, Fueling Equipment, Building and Maintaining Dikes, Moving Equipment with Forklift.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews safely servicing tires on heavy equipment. Crews inspected equipment and had whip check was installed. Crews safely operating heavy equipment and observing the safety zone.
Fill Site: Operators building and maintaining dikes. Operators maintained communication and visual contact with one another and crews were maintaining the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100° .
Today: Hot and humid with a high of 91° and a real feel temperature of 104°(moderate-high risk).
Tomorrow: high of 91° and real feel of 104°(moderate-high risk). 25% chance of rain.
Mobro 1706: crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Mobro 1706: Conducted safety walk around with no deficiencies noted. Conducted Fall Protection training with 2 Bullgang crew. Two JSA audits.
Fill Site: Conducted initial inspections on D6 dozer GL667, Loader GL656, Loader GL681 and UTV 10319505. Minor deficiencies noted and annotated in Predictive Solutions.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 499						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Jul 2018 - Sunday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
		HIP 1	HIP 1	Ship Island	20,145	688,756							
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>								
		DENSITY OF WATER			GMS/LITER@ <u>82 °F</u>								
RIVER/TIDE STAGE		MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION	Air Force Tower		
		MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM	NAVD88		
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		78 °F / 95 °F		10		12					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				9		30							
AFT				9		30							
DRAG DEPTH		MAX <u>34</u>		MIN <u>35</u>									
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		8,448							
GALLONS OF WATER CONSUMED				GAL		1,500							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
4	20,145	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 499
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 Jul 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 20,145 CY
142 loads pumped on Ship Island to date: 688,756 CY

142 loads dug in Horn Island Pass Borrow Area to date: 688,756 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day including Sunday safety checks.

Mobro; Deck Captain discussed daily operations. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Wadmalaw: open main pump rock box door, safety Sunday checks, housekeeping

Mobro: welding/cutting/burning, working in hot weather, painting, mechanical duties, crane lift, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew was safely performing the Sunday safety checks and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.

Today: Hot and humid with a high of 91° and a real feel temperature of 104°(moderate-high risk).

Tomorrow: high of 90° and real feel of 103°(moderate-high risk). 60% chance of rain.

Wadmalaw: crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Wadmalaw: Conducted Predictive Solutions inspection. Two minor issues were discovered and fixed on the spot by the crew.

Conducted Fall Protection, Lock Out/Tag Out and Hand Safety training with 2 crew.

Mobro: conducted JSA training with new employee.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 499				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Jul 2018 - Sunday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island		11,218	2,752,032			
AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>				
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33			
	MIN	0	TIME	01:24	MAX	1	TIME	14:23			
GAGE LOCATION		Air Force Tower									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		77 °F / 93 °F		10		16				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			9	30							
AFT			9	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:				00:00	03:27	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:				00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:				00:00	03:52	0.0
			1		CONNECTING:				00:00	01:23	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:				00:00	04:53	0.0
			0		DISCONNECTING:				00:00	00:27	0.0
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:				00:00	02:23	0.0
			2,110		TOTALS:				00:00	16:47	0.0
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:						
			500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
1	11,218	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	07:13	0.0
					TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0
					LAY TIME:				00:00	00:00	0.0
					FIRE AND BOAT DRILLS:				00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:				00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:				00:00	07:13	0.0
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 499
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Jul 2018 - Sunday

GENERAL COMMENTS

The Ellis continued dredging in OCS West 4B and pumping on subline #3.

1 load pumped on Ship Island today: 11,218 CY
265 loads pumped on Ship Island to date: 2,744,250 CY

176 loads dug in OCS West Borrow Area to date: 1,874,428 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

Four Delays Today:

339min - Troubleshoot high load and reduced RPM on STBD Dredge Pump
49min - Main engine issues (two delays)
45min - Troubleshoot valves not closing

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day including Sunday safety checks.

Mobro; Deck Captain discussed daily operations. Stretch and flex exercises conducted.

JSA DISCUSSIONS:

Wadmalaw: open main pump rock box door, safety Sunday checks, housekeeping

Mobro: welding/cutting/burning, working in hot weather, painting, mechanical duties, crane lift, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew was safely performing the Sunday safety checks and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.
Today: Hot and humid with a high of 91° and a real feel temperature of 104°(moderate-high risk).
Tomorrow: high of 90° and real feel of 103°(moderate-high risk). 60% chance of rain.
Wadmalaw: crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Wadmalaw: Conducted Predictive Solutions inspection. Two minor issues were discovered and fixed on the spot by the crew.
Conducted Fall Protection, Lock Out/Tag Out and Hand Safety training with 2 crew.
Mobro: conducted JSA training with new employee.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 500
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Jul 2018 - Monday

GENERAL COMMENTS

The Ellis continued dredging in OCS West 4B and pumping on subline #3.

3 loads pumped on Ship Island today: 31,896 CY
268 loads pumped on Ship Island to date: 2,776,146 CY

179 loads dug in OCS West Borrow Area to date: 1,906,324 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

Nine Delays Today:

- 208min - High winds, rough seas, hose and ball over subline prevented hookup
- 60min - Resetting valve sensors for Vosta System
- 15min - Slow bell (three delays)
- 10min - Wait on Liberty Island
- 10min - Slowbell while cleaning dragheads
- 4min - Reset breaker on main engine

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day including solas inspections.

Liberty: Captain discussed inclement weather and daily operations.

JSA DISCUSSIONS:

Mackie/Ellis: using the incinerator, housekeeping/sanitary, painting, personnel transfer, connecting/disconnecting to the cube, endangered species inspection
Liberty: Using Impact Gun; Painting; Void/Ballast Tank Soundings; Working in Hot Weather; Crew Boat Personnel Transfer; Using Incinerator; Sand blasting; Chipping and Grinding; Inspect/Clean out Discharge Box; Hooking up Tug at Pump out to our Stern; Cleaning Dragheads; Hooking up and letting go of the Cube.

BEHAVIORAL OBSERVATIONS:

Runner utilizing safe lifting techniques and wearing all required PPE while loading supplies on the crew boat. Deckhand on the Emma Kate assisting all crews during vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.
Today: Heavy afternoon storms but otherwise hot and humid with a high of 90° and a real feel temperature of 103°(moderate-high risk).
Tomorrow: high of 89° and real feel of 102°(moderate-high risk). 60% chance of rain.
Mackie crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Mackie: Conducted Predictive Solutions inspection with 3 minor issues discovered and fixed on the spot.

Liberty: Conducted Fall Protection Training with 7 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 500
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Jul 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	20,263	709,019
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 95 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	03:04	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:35	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	06:46	0.0
			1	CONNECTING:	00:00	00:49	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	05:05	0.0
			0	DISCONNECTING:	00:00	01:31	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:30	0.0
			8,414	TOTALS:	00:00	23:20	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	20,263	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:17	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:23	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:40	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 500
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Jul 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 20,263 CY
 146 loads pumped on Ship Island to date: 709,019 CY

146 loads dug in Horn Island Pass Borrow Area to date: 709,019 CY

Three Delays Today:

- 17min - Shore line leak
- 17min - STBD main engine shutdown, low lube oil
- 6min - Crew boat

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day including solas inspections.

Liberty: Captain discussed inclement weather and daily operations.

JSA DISCUSSIONS:

Mackie/Ellis: using the incinerator, housekeeping/sanitary, painting, personnel transfer, connecting/disconnecting to the cube, endangered species inspection
 Liberty: Using Impact Gun; Painting; Void/Ballast Tank Soundings; Working in Hot Weather; Crew Boat Personnel Transfer; Using Incinerator; Sand blasting; Chipping and Grinding; Inspect/Clean out Discharge Box; Hooking up Tug at Pump out to our Stern; Cleaning Dragheads; Hooking up and letting go of the Cube.

BEHAVIORAL OBSERVATIONS:

Runner utilizing safe lifting techniques and wearing all required PPE while loading supplies on the crew boat. Deckhand on the Emma Kate assisting all crews during vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.
 Today: Heavy afternoon storms but otherwise hot and humid with a high of 90° and a real feel temperature of 103°(moderate-high risk).
 Tomorrow: high of 89° and real feel of 102°(moderate-high risk). 60% chance of rain.
 Mackie crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Mackie: Conducted Predictive Solutions inspection with 3 minor issues discovered and fixed on the spot.

Liberty: Conducted Fall Protection Training with 7 personnel.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 501
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Jul 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3.

4 loads pumped on Ship Island today: 20,165 CY
 150 loads pumped on Ship Island to date: 729,184 CY

150 loads dug in Horn Island Pass Borrow Area to date: 729,184 CY

Five Delays Today:

- 138min - Wait on Ellis Island
- 54min - Shutdown port main engine for troubleshooting
- 53min - Taking on water from Tug
- 25min - Tech inspecting port main engine
- 20min - STBD main engine de-clutching

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day including loading stores on the crew

Liberty: Mate discussed daily operations. SSSHO discussed hand injury prevention and hand placement.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, hot work, sounding pipe

Liberty: Working with hand tools; Cleaning Dragheads; Painting; Using Incinerator; Working in Hot Weather; Crew Boat Personnel Transfer; Sand Blasting; Inspect and Clean out Discharge Box; Hooking up Tug at Pump Out to Stern; Hooking up and Letting go of the Cube.

BEHAVIORAL OBSERVATIONS:

Ohio River Captain wearing all require PPE and safely performing maintenance in the engine room.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.

Today: Heavy afternoon storms again but otherwise hot and humid with a high of 89° and a real feel temperature of 101°(moderate-high risk).

Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 60% chance of rain.

Tomorrow: high of 89° and real feel of 102°(moderate-high risk). 60% chance of rain.

Mackie crews are doing a good job of maintaining housekeeping in their work areas.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 501
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Jul 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,088	2,806,016
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION	Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 90 °F	10	14

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	9	30	EFFECTIVE WORKING TIME:			
AFT			PUMPING:	00:00	03:45	0.0
	9	30	TURNING:	00:00	00:54	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>			TO DUMP:	00:00	05:57	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>			CONNECTING:	00:00	00:30	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	06:19	0.0
		1	DISCONNECTING:	00:00	00:29	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	04:07	0.0
		0	TOTALS:	00:00	22:01	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		2,900	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		500	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:07	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
2	22,088	Ship Island	0	LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	01:52
ATTENDANT PLANT			TOTALS:	00:00	01:59	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 501
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 17 Jul 2018 - Tuesday	

GENERAL COMMENTS

The Ellis continued dredging in OCS West 4B and pumping on subline #3.

2 loads pumped on Ship Island today: 22,088 CY
270 loads pumped on Ship Island to date: 2,798,234 CY

181 loads dug in OCS West Borrow Area to date: 1,928,412 CY
89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

Seven Delays Today:

- 54min - Reduced sail speed (three delays)
- 36min - Wait on Liberty Island
- 12min - Clean dragheads
- 10min - Wait on Booster
- 7min - Ship Traffic

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day including loading stores on the crew

Liberty: Mate discussed daily operations. SSHA discussed hand injury prevention and hand placement.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, hot work, sounding pipe

Liberty: Working with hand tools; Cleaning Dragheads; Painting; Using Incinerator; Working in Hot Weather; Crew Boat Personnel Transfer; Sand Blasting; Inspect and Clean out Discharge Box; Hooking up Tug at Pump Out to Stern; Hooking up and Letting go of the Cube.

BEHAVIORAL OBSERVATIONS:

Ohio River Captain wearing all require PPE and safely performing maintenance in the engine room.

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.

Today: Heavy afternoon storms again but otherwise hot and humid with a high of 89° and a real feel temperature of 101°(moderate-high risk).

Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 60% chance of rain.

Tomorrow: high of 89° and real feel of 102°(moderate-high risk). 60% chance of rain.

Mackie crews are doing a good job of maintaining housekeeping in their work areas.

GENERAL COMMENTS:

Conducted Predictive Solutions inspection on the Ohio River. Two minor issues were discovered and fixed on the spot by SSHA.

Uploaded weekly equipment inspections into NS5 for Ohio River, ACB8, ACB9 and AB113.

Liberty: Conducted Respirator Fit Tests.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 502
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Jul 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	10,082	739,266
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 89 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30	EFFECTIVE WORKING TIME:			
AFT		9	30	PUMPING:	00:00	00:53	0.0
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				TURNING:	00:00	00:14	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	02:45	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:20	0.0
			1	DUMPING:	00:00	02:30	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:17	0.0
			0	TO CUT:	00:00	02:51	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	09:50	0.0
			4,201	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	04:43	0.0
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	01:19	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	10,082	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	07:24	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:44	0.0
				TOTALS:	00:00	14:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 502
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Jul 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on subline #3. The dredge took on fuel in Gulfport then went down to repair port main engine.

2 loads pumped on Ship Island today: 10,082 CY
152 loads pumped on Ship Island to date: 739,266 CY

152 loads dug in Horn Island Pass Borrow Area to date: 739,266 CY

Four Delays Today:

- 444min - Repairs to port main engine
- 283min - Taking on fuel at Port of Gulfport
- 79min - Sail to Gulfport for fuel
- 44min - Fill site line flush

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 90° and real feel of 103°(moderate-high risk). 70% chance of rain.

GENERAL COMMENTS:

SSHOs conducted radiation gauge inspection on the Liberty Island. Worked with Foreman to sign off Fill Site open issues. SSHOs worked on the project checklist and project training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 502	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 18 Jul 2018 - Wednesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 21,831	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,827,847	
	AVG LENGTH OF CUT <u>5,510</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>45</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1925</u>		
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	
	GAGE LOCATION Air Force Tower				GAGE DATUM NAVD88				
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		75 °F / 89 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9		30					
AFT		9		30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>					PUMPING:	00:00	02:55	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2017</u>					TURNING:	00:00	00:22	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:	00:00	05:44	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:	00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	1,675	DUMPING:	00:00	06:09	0.0	
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:	00:00	00:26	0.0	
WORK PERFORMED					TO CUT:	00:00	04:05	0.0	
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	20:11	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:				
2	21,831	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
					MISCELLANEOUS:	00:00	03:49	0.0	
					TOTALS:	00:00	03:49	0.0	
ATTENDANT PLANT					LOST TIME:				
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 502
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Jul 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued dredging in OCS West 4B and pumping on subline #3.

2 loads pumped on Ship Island today: 21,831 CY
 272 loads pumped on Ship Island to date: 2,820,065 CY

183 loads dug in OCS West Borrow Area to date: 1,950,317 CY
 89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

Eight Delays Today:

- 110min - Fill site replace shorepipe
- 79min - Wait on Liberty Island (two delays)
- 40min - Reduced sail speed (five delays)

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Heat advisory for the next several days. Heat index remaining above 100°.
 Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).
 Tomorrow: high of 90° and real feel of 103°(moderate-high risk). 70% chance of rain.

GENERAL COMMENTS:

SSHOs conducted radiation gauge inspection on the Liberty Island. Worked with Foreman to sign off Fill Site open issues. SSHOs worked on the project checklist and project training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 503
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Jul 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	739,266
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	19:10	MAX	1	TIME	09:56	GAGE LOCATION Air Force Tower
	MIN	0	TIME	19:59	MAX	1	TIME	10:26	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 89 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			4,201	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 503
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 19 Jul 2018 - Thursday

GENERAL COMMENTS

The Liberty Island off-contract in Gulfport for repairs to port main engine

152 loads pumped on Ship Island to date: 739,266 CY

152 loads dug in Horn Island Pass Borrow Area to date: 739,266 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 503
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Jul 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	21,243	2,849,090
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	74 °F / 88 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				PUMPING:	00:00	02:15	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TURNING:	00:00	00:19	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	03:31	0.0
			1	CONNECTING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	06:37	0.0
			0	DISCONNECTING:	00:00	00:27	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	03:27	0.0
			2,600	TOTALS:	00:00	17:01	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	21,243	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	06:36	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:23	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	06:59	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 503
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Jul 2018 - Thursday

GENERAL COMMENTS

The Ellis continued dredging in OCS West 4B and pumping on subline #3.

2 loads pumped on Ship Island today: 21,243 CY
 1 load / 10,703 CY - OCS West
 1 load / 10,540 CY - HIP 3
 274 loads pumped on Ship Island to date: 2,841,308 CY

183 loads dug in OCS West Borrow Area to date: 1,950,317 CY
 89 loads dug in Horn Island Pass Borrow Area to date: 869,822 CY

Five Delays Today:

396min - Hydraulic leak (two delays)
 23min - Reduced sail speed (three delays)

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day and emphasized cleaning up the area on the Ellis that was affected by a hydraulic leak.

JSA DISCUSSIONS:

Mackie/Ellis: connecting/disconnecting to the cube, personnel transfer, painting, using the incinerator, shoveling sand

BEHAVIORAL OBSERVATIONS:

Sunfighter: Vessel crew not wearing all required PPE while on the deck of the boat. SSHO trained newly hired crew boat personnel on the GLDD 100% PPE policy.

Ellis: Observed crews wearing all required PPE while cleaning up the area surrounding a hydraulic leak.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****
 Today: Hot and humid with a high of 90° and a real feel temperature of 103°(moderate-high risk).
 Tomorrow: high of 93° and real feel of 106°(moderate-high risk). 25% chance of rain.

GENERAL COMMENTS:

Sunfighter: SSHO conducted inspection of the crew boat. Some minor issues were discovered and fixed on the spot by the SSHO and crew. Conducted GLDD safety training with two of the crew.

Ellis: Conducted safety walk around. Some minor issues were discovered and fixed on the spot by the Captain and crew. SSHO uploaded all training files into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 504
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 20 Jul 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	739,266
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>82 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	18:16	MAX	0	TIME	09:00	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 89 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>34</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			4,201	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 504
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 Jul 2018 - Friday

GENERAL COMMENTS

The Liberty Island off-contract in Gulfport for repairs to port main engine

152 loads pumped on Ship Island to date: 739,266 CY

152 loads dug in Horn Island Pass Borrow Area to date: 739,266 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 504
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 20 Jul 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	21,787	2,870,877
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:11	MAX	1	TIME	13:33	GAGE LOCATION Air Force Tower
	MIN	0	TIME	01:24	MAX	1	TIME	14:23	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	74 °F / 88 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		9	30				
AFT				EFFECTIVE WORKING TIME:			
		9	30	PUMPING:	00:00	02:14	0.0
DRAG DEPTH MAX <u>41</u> MIN <u>39</u>				TURNING:	00:00	00:42	0.0
INDICATORS LAST CHECKED ON <u>12/08/2017</u>				TO DUMP:	00:00	03:58	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:28	0.0
			1	DUMPING:	00:00	05:12	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:23	0.0
			0	TO CUT:	00:00	03:03	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	16:00	0.0
			2,600	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	21,787	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	06:07	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	01:53	0.0
				TOTALS:	00:00	08:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 504
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Jul 2018 - Friday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and pumping on landing #3.

2 loads pumped on Ship Island today: 21,787 CY
 1 load / 10,743 CY - HIP 3
 1 load / 11,044 CY - HIP 3
 277 loads pumped on Ship Island to date: 2,870,436 CY

181 loads dug in OCS West Borrow Area to date: 1,925,000 CY
 96 loads dug in Horn Island Pass Borrow Area to date: 945,436 CY

Seven Delays Today:

- 318min - Hydraulic leak port tunnel
- 50min - Reduced sail speed (three delays)
- 51min - Wait on Liberty Island
- 49min - bow winch motor malfunction
- 12min - Flush collection lines

SAFETY

PRE-SHIFT MEETING:

JSA DISCUSSIONS:

BEHAVIORAL OBSERVATIONS:

Ohio River: Captain wearing all required PPE and safely working in the engine compartment.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100° *****
 Today: Hot and humid with a high of 93° and a real feel temperature of 106°(moderate-high risk).
 Tomorrow: high of 94° and real feel of 107°(moderate-high risk). 55% chance of rain.

GENERAL COMMENTS:

SSHO worked with crews to sign off several Predictive Solutions open issues. Replaced AED pads on the Ohio River. Attended weekly project meeting. Completed Breathalyzer training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 505
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Jul 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	21,867	2,892,744
	AVG LENGTH OF CUT <u>5,510</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>45</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1925</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	0	TIME	04:26	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	20:15	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	81 °F / 92 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		9	30				
AFT		9	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>54</u> MIN <u>42</u>				PUMPING:	00:00	02:29	0.0
INDICATORS LAST CHECKED ON <u>06/24/2018</u>				TURNING:	00:00	01:09	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:13	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:52	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	3,766	DUMPING:	00:00	07:58	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:34	0.0
WORK PERFORMED				TO CUT:	00:00	05:35	0.0
DREDGING AND HAULING				TOTALS:	00:00	22:50	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	21,867	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:10	0.0
				TOTALS:	00:00	01:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 589 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 505
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Jul 2018 - Saturday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and OCS West and pumping on landing #3.

2 loads pumped on Ship Island today: 21,867 CY
 1 load / 10,859 CY - OCS West
 1 load / 11,008 CY - HIP 3
 279 loads pumped on Ship Island to date: 2,892,303 CY

182 loads dug in OCS West Borrow Area to date: 1,935,859 CY
 97 loads dug in Horn Island Pass Borrow Area to date: 956,444 CY

Four Delays Today:

60min - Reduced sail speed (three delays)
 10min - Cleaning out collection lines
 151min - Engine injector and oil change - 1arm delay
 2min - Current pushing draghead under hull - 1 arm delay (weather)

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Crew discussed job tasks for the day including crane lifts.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, housekeeping, working in hot weather

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew performing housekeeping throughout the crane. Crew safely performing multiple crane lifts utilizing proper hand signals and observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****
 Today: Hot and humid with a high of 94° and a real feel temperature of 107°(moderate-high risk).
 Tomorrow: high of 96° and real feel of 108°(moderate-high risk). 10% chance of rain.

GENERAL COMMENTS:

Mobro 1706: SSHO conducted a safety walk around with no issues noted. Replaced fire extinguishers on all United rentals equipment. Conducted JSA audit. Conducted JSA training and assisted crew with writing 2 JSAs.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 590 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 505
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Jul 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	4,903	744,169
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	0	TIME	04:30	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	20:15	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 89 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	01:34	0.0
				TURNING:	00:00	00:23	0.0
				TO DUMP:	00:00	03:22	0.0
				CONNECTING:	00:00	00:08	0.0
				DUMPING:	00:00	01:14	0.0
				DISCONNECTING:	00:00	01:03	0.0
				TO CUT:	00:00	01:29	0.0
				TOTALS:	00:00	09:13	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	03:30	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	03:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	02:16	0.0
				TOTALS:	00:00	08:46	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	06:01	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	06:01	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
1	4,903	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 505
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 Jul 2018 - Saturday

GENERAL COMMENTS

The Liberty Island left dock and resumed digging in HIP 1 and pumping out on Ship Island on landing #3.

1 load pumped on Ship Island today: 4,903 CY
153 loads pumped on Ship Island to date: 744,169 CY

153 loads dug in Horn Island Pass Borrow Area to date: 744,169 CY

Four Delays Today:

- 180min - Replacing gasket on aftercooler
- 136min - Wait on Ellis (2x)
- 210min - Sail from Gulfport
- 361min - Repairs to Port main engine

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Crew discussed job tasks for the day including crane lifts.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, housekeeping, working in hot weather

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew performing housekeeping throughout the crane. Crew safely performing multiple crane lifts utilizing proper hand signals and observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100° *****

Today: Hot and humid with a high of 94° and a real feel temperature of 107°(moderate-high risk).

Tomorrow: high of 96° and real feel of 108°(moderate-high risk). 10% chance of rain.

GENERAL COMMENTS:

Mobro 1706: SSHO conducted a safety walk around with no issues noted. Replaced fire extinguishers on all United rentals equipment. Conducted JSA audit. Conducted JSA training and assisted crew with writing 2 JSAs.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 506				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Jul 2018 - Sunday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West and HIP 3		OCS West and HIP 3		Ship Island	21,787	2,914,531				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1925</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	0	TIME	04:30			
	MIN	0	TIME	17:00	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		80 °F / 96 °F		10		15				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:14	0.0	
INDICATORS LAST CHECKED ON <u>06/24/2018</u>				TURNING:				00:00	00:42	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	03:32	0.0	
		1		CONNECTING:				00:00	00:28	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	05:10	0.0	
		0		DISCONNECTING:				00:00	00:20	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	03:34	0.0	
		3,000		TOTALS:				00:00	16:00	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0
2	21,787	Ship Island		0	MINOR OPERATING REPAIRS:				00:00	06:07	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	01:53	0.0	
				TOTALS:				00:00	08:00	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 506
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 Jul 2018 - Sunday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and OCS West and pumping on landing #3.

2 loads pumped on Ship Island today: 21,787 CY

1 load / 10,743 CY - HIP 3

1 load / 11,044 CY - HIP 3

281 loads pumped on Ship Island to date: 2,914,090 CY

182 loads dug in OCS West Borrow Area to date: 1,935,859 CY

99 loads dug in Horn Island Pass Borrow Area to date: 978,231 CY

Five Delays Today:

50min - Reduced sail speed (three delays)

12min - Cleaning out collection lines

318min - Hydraulic leak port tunnel

51min - Wait on Liberty Island

49min - Bow winch motor malfunctioning

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day including crane lifts and also discussed working in hot weather.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, housekeeping, hot work, working in hot weather

BEHAVIORAL OBSERVATIONS:

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 96° and a real feel temperature of 108°(moderate-high risk).

Tomorrow: high of 92° and real feel of 103°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Scanned and uploaded Ohio River, ACB8, ACB9 and AB113 weekly equipment inspections into NS5. Updated Predictive Solutions and organized project documents in DropBox.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 506
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Jul 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,515	763,684
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	0	TIME	04:30	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	17:10	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	80 °F / 96 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:39	0.0
				TURNING:	00:00	00:52	0.0
				TO DUMP:	00:00	06:53	0.0
				CONNECTING:	00:00	00:23	0.0
				DUMPING:	00:00	03:09	0.0
				DISCONNECTING:	00:00	01:11	0.0
				TO CUT:	00:00	05:53	0.0
				TOTALS:	00:00	22:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:25	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:35	0.0
				TOTALS:	00:00	02:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	19,515	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 506
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Jul 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,515 CY
 157 loads pumped on Ship Island to date: 763,685 CY

157 loads dug in Horn Island Pass Borrow Area to date: 763,685 CY

Five Delays Today:

- 11min - Troubleshooting port main engine shutdown
- 3min - Lube oil pressure
- 11min - Troubleshooting jet pipe
- 95min - Wait on Ellis Island
- 8min - 1 arm delay troubleshooting dredge pump

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day including crane lifts and also discussed working in hot weather.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, housekeeping, hot work, working in hot weather

BEHAVIORAL OBSERVATIONS:

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 96° and a real feel temperature of 108°(moderate-high risk).

Tomorrow: high of 92° and real feel of 103°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Scanned and uploaded Ohio River, ACB8, ACB9 and AB113 weekly equipment inspections into NS5. Updated Predictive Solutions and organized project documents in DropBox.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 596 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 507				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 23 Jul 2018 - Monday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	HIP 1	HIP 1		Ship Island	19,613	783,297				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>83 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	0	TIME	06:20	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	16:40	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)	VISIBILITY	WIND				
	Weather Caused No Delay			75 °F / 92 °F	10	13				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27	EFFECTIVE WORKING TIME:					
AFT			11	27	PUMPING:	00:00	03:19	0.0		
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					TURNING:	00:00	00:51	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TO DUMP:	00:00	06:25	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	CONNECTING:	00:00	00:26	0.0		
				1	DUMPING:	00:00	03:03	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DISCONNECTING:	00:00	00:20	0.0		
				0	TO CUT:	00:00	05:30	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TOTALS:	00:00	19:54	0.0		
				7,125	NON-EFFECTIVE WORKING TIME:					
GALLONS OF WATER CONSUMED				GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
				950	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
WORK PERFORMED					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		MINOR OPERATING REPAIRS:	00:00	04:06	0.0		
4	19,613	Ship Island	0		TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	04:06	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 507
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 Jul 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,613 CY
161 loads pumped on Ship Island to date: 783,297 CY

161 loads dug in Horn Island Pass Borrow Area to date: 783,297 CY

Five Delays Today:

- 4min - Port dredge pump not clutching in.
- 242min - Port main engine shutdown for high turbo temps.
- 12min - 1 arm high port main engine turbo temps, port main engine shutdown

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day with the crew and the VT Marine personnel as well.

JSA DISCUSSIONS:

Wadmalaw: electrical troubleshooting, hot work

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Chief conducted safety brief and walk around with 5 VT Marine personnel. GLDD and VT Marine personnel safely working together and wearing all required PPE. JSAs and Hot Work Permit were filled out prior to starting job tasks.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****
Today: Hot and humid with a high of 92° and a real feel temperature of 103°(moderate-high risk).
Tomorrow: high of 90° and real feel of 101°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted visitor orientation with 5 VT Marine personnel. Completed Lock Out/Tag Out and Fall Protection training with one employee. Conducted Predictive Solutions inspection with 2 minor issues discovered and fixed on the spot by the Chief.
Captain Eli on the Ohio River now has access to Predictive Solutions and will be completing the DSRs.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 507					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 Jul 2018 - Monday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	OCS West and HIP 3	OCS West and HIP 3		Ship Island	32,481	2,947,012						
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025		GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	0	TIME	06:20				
	MIN	0	TIME	16:40	MAX	0	TIME	23:59				
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused Non-Critical Delay		75 °F / 92 °F		10		13				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	03:22	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:45	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	05:20	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:36	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	3,144	DUMPING:					00:00	06:03	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:22	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
3	32,481	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:52	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	03:24	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	04:16	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 507
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Jul 2018 - Monday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and OCS West and pumping on landing #3.

3 loads pumped on Ship Island today: 32,481 CY

1 load / 10,581 CY - HIP 3

1 load / 11,079 CY - HIP 3

1 load / 10,821 CY - HIP 3

284 loads pumped on Ship Island to date: 2,946,571 CY

182 loads dug in OCS West Borrow Area to date: 1,935,859 CY

102 loads dug in Horn Island Pass Borrow Area to date: 1,010,712 CY

Seven Delays Today:

60min - Reduced sail speed (four delays)

16min - Cleaning out collection lines

19min - fouled bridle

33min - dredge pump not clutching in

122min - Wait on Liberty Island

5min - cleaning out drag head.

9min - 1 arm delay for current pushing drag head under hull (weather)

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day with the crew and the VT Marine personnel as well.

JSA DISCUSSIONS:

Wadmalaw: electrical troubleshooting, hot work

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Chief conducted safety brief and walk around with 5 VT Marine personnel. GLDD and VT Marine personnel safely working together and wearing all required PPE. JSAs and Hot Work Permit were filled out prior to starting job tasks.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 92° and a real feel temperature of 103°(moderate-high risk).

Tomorrow: high of 90° and real feel of 101°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted visitor orientation with 5 VT Marine personnel. Completed Lock Out/Tag Out and Fall Protection training with one employee. Conducted Predictive Solutions inspection with 2 minor issues discovered and fixed on the spot by the Chief.

Captain Eli on the Ohio River now has access to Predictive Solutions and will be completing the DSRs.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 508		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Jul 2018 - Tuesday		
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	HIP 1	HIP 1		Ship Island	19,770	803,067			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>			
	DENSITY OF WATER			1025		GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
	GAGE LOCATION			Pascagoula Range Marker					
	GAGE DATUM			NAVD88					
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		75 °F / 90 °F		10		8		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			11	27					
AFT			11	27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:		00:00	03:05	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:		00:00	00:42	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	05:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				CONNECTING:		00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED				DUMPING:		00:00	04:03	0.0	
GALLONS OF WATER CONSUMED				DISCONNECTING:		00:00	00:30	0.0	
				TO CUT:		00:00	05:28	0.0	
				TOTALS:		00:00	19:18	0.0	
				NON-EFFECTIVE WORKING TIME:					
				TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:		00:00	03:30	0.0	
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	01:12	0.0	
				TOTALS:		00:00	04:42	0.0	
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
				CESSATION:		00:00	00:00	0.0	
				COLLISIONS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:00	0.0	
				TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 508
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 24 Jul 2018 - Tuesday	

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,770 CY
 165 loads pumped on Ship Island to date: 803,067 CY

165 loads dug in Horn Island Pass Borrow Area to date: 803,067 CY

2 Delays Today:

210min - Shutdown Port ME due to high turbo temps
 72min - Wait on EI

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day and upcoming drills.

JSA DISCUSSIONS:

Mackie/Ellis: taking on stores, connecting/disconnecting to the cube, inspecting/cleaning drag heads, housekeeping/sanitary, personnel transfer, painting, using the incinerator.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Personnel safely performing multiple crane lifts while taking on stores. Good communication between the crane operator, deck crew and crew boat personnel. Tag lines and proper hand signals were being used as well. Good participation by all crew during Confined Space rescue drill.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°. *****
 Today: Hot and humid with a high of 90° and a real feel temperature of 101°(moderate-high risk).
 Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 10% chance of rain.
 Crews on the Mackie/Ellis are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a Predictive Solutions inspection. Two issues discovered were fixed on the spot by the crew and one other was added to the PS database. SSHO conducted 2 respirator fit tests. Also conducted breathalyser training with the Captain and Chief.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 508
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Jul 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	32,816	2,979,828
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 90 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		13	30					
AFT		13	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00 03:35 0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00 00:48 0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:				00:00 04:40 0.0
			1	CONNECTING:				00:00 00:28 0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:				00:00 07:23 0.0
			0	DISCONNECTING:				00:00 00:41 0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:				00:00 04:43 0.0
			2,500	TOTALS:				00:00 22:18 0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			500	TAKING ON FUEL AND SUPPLIES:				00:00 00:00 0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00 00:00 0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:				00:00 00:00 0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00 00:00 0.0
3	32,816	Ship Island	0	MINOR OPERATING REPAIRS:				00:00 00:00 0.0
				TRANSFERRING BETWEEN WORKS:				00:00 00:00 0.0
				LAY TIME:				00:00 00:00 0.0
				FIRE AND BOAT DRILLS:				00:00 01:42 0.0
				MISCELLANEOUS:				00:00 00:00 0.0
				TOTALS:				00:00 01:42 0.0
ATTENDANT PLANT				LOST TIME:				
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00 00:00 0.0
				CESSATION:				00:00 00:00 0.0
				COLLISIONS:				00:00 00:00 0.0
				TOTALS:				00:00 00:00 0.0
				TOTAL TIME/MILES:				00:00 24:00 0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 508
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Jul 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and pumping on landing #3.

3 loads pumped on Ship Island today: 32,816 CY

1 load / 10,821 CY - HIP 3

1 load / 10,743 CY - HIP 3

1 load / 11,252 CY - HIP 3

287 loads pumped on Ship Island to date: 2,979,387 CY

182 loads dug in OCS West Borrow Area to date: 1,935,859 CY

105 loads dug in Horn Island Pass Borrow Area to date: 1,043,528 CY

Seven Delays Today:

35min - Reduced sail speed (three delays)

27min - Cleaning out drag head

100min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day and upcoming drills.

JSA DISCUSSIONS:

Mackie/Ellis: taking on stores, connecting/disconnecting to the cube, inspecting/cleaning drag heads, housekeeping/sanitary, personnel transfer, painting, using the incinerator.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Personnel safely performing multiple crane lifts while taking on stores. Good communication between the crane operator, deck crew and crew boat personnel. Tag lines and proper hand signals were being used as well.

Good participation by all crew during Confined Space rescue drill.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100° *****

Today: Hot and humid with a high of 90° and a real feel temperature of 101°(moderate-high risk).

Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 10% chance of rain.

Crews on the Mackie/Ellis are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a Predictive Solutions inspection. Two issues discovered were fixed on the spot by the crew and one other was added to the PS database. SSHO conducted 2 respirator fit tests. Also conducted breathalyser training with the Captain and Chief.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 509
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Jul 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West and HIP 3	OCS West and HIP 3	Ship Island	22,325	3,002,153
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 95 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	02:27	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:44	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:24	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:32	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DUMPING:	00:00	07:48	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:36	0.0
WORK PERFORMED				TO CUT:	00:00	03:27	0.0
DREDGING AND HAULING				TOTALS:	00:00	19:58	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	22,325	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	04:02	0.0
				TOTALS:	00:00	04:02	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 509
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Jul 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and pumping on landing #3.

2 loads pumped on Ship Island today: 22,325 CY

289 loads pumped on Ship Island to date: 3,005,762 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY
 101 loads dug in Horn Island Pass Borrow Area to date: 1,000,779 CY

Six Delays Today:

- 157min - Wait on Liberty Island (Two delays)
- 55min - Reduced sail speed (Three delays)
- 30min - Crew change

SAFETY

PRE-SHIFT MEETING:

Fill Site: Fill Foreman discussed job tasks for the day. Also discussed SALT book topic on Heat Stress. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: building/maintaining dikes, adding/breaking shore pipe, fueling equipment, working the light plant, changing the wye valve

BEHAVIORAL OBSERVATIONS:

Fill Site: Heavy equipment operators utilizing safe work practices and good communication while building and maintaining dikes. Survey personnel and Shoreman utilizing good communication and observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 91° and a real feel temperature of 102°(moderate-high risk).
 Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 10% chance of rain.
 Crews at the Fill Site are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Fill Site: SSHO conducted a safety walk around with no issues noted.
 Brooke Elizabeth: SSHO conducted a Predictive Solutions inspection. A few minor issues discovered were fixed on the spot by the SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 509
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Jul 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,889	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 822,956
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1850</u>
	DENSITY OF WATER	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 95 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27	EFFECTIVE WORKING TIME:			
AFT		27	PUMPING:	00:00	03:22	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>			TURNING:	00:00	00:55	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			TO DUMP:	00:00	07:44	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:31	0.0
		1	DUMPING:	00:00	04:04	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:31	0.0
		0	TO CUT:	00:00	05:15	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	22:22	0.0
		8,336	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING		
DREDGING AND HAULING			TOTAL CYS			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA				
4	19,889	Ship Island	0			
GALLONS OF FUEL OIL CONSUMED			GAL			
			8,336			
GALLONS OF WATER CONSUMED			GAL			
			1,000			

ATTENDANT PLANT				AGITATING		
ITEM	NAME OR NUMBER	H.P.	HOURS			
				LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0		
				LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0		
				MINOR OPERATING REPAIRS: 00:00 00:00 0.0		
				TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0		
				LAY TIME: 00:00 00:00 0.0		
				FIRE AND BOAT DRILLS: 00:00 00:00 0.0		
				MISCELLANEOUS: 00:00 01:38 0.0		
				TOTALS: 00:00 01:38 0.0		
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0		
				CESSATION: 00:00 00:00 0.0		
				COLLISIONS: 00:00 00:00 0.0		
				TOTALS: 00:00 00:00 0.0		
				TOTAL TIME/MILES: 00:00 24:00 0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 509
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 Jul 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,889 CY
 169 loads pumped on Ship Island to date: 822,956 CY

169 loads dug in Horn Island Pass Borrow Area to date: 822,956 CY

One Delay Today:

98min - Wait on Ellis Island

SAFETY

PRE-SHIFT MEETING:

Fill Site: Fill Foreman discussed job tasks for the day. Also discussed SALT book topic on Heat Stress. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: building/maintaining dikes, adding/breaking shore pipe, fueling equipment, working the light plant, changing the wye valve

BEHAVIORAL OBSERVATIONS:

Fill Site: Heavy equipment operators utilizing safe work practices and good communication while building and maintaining dikes. Survey personnel and Shoreman utilizing good communication and observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 10% chance of rain.

Crews at the Fill Site are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Fill Site: SSSH conducted a safety walk around with no issues noted.

Brooke Elizabeth: SSSH conducted a Predictive Solutions inspection. A few minor issues discovered were fixed on the spot by the SSSH.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 510
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Jul 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,811	842,767
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 95 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:03	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:43	0.0
			1	CONNECTING:	00:00	00:48	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:04	0.0
			0	DISCONNECTING:	00:00	00:26	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:26	0.0
			8,254	TOTALS:	00:00	21:52	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,811	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	02:08	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	02:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 510
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 Jul 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,811 CY
173 loads pumped on Ship Island to date: 842,767 CY

173 loads dug in Horn Island Pass Borrow Area to date: 842,767 CY

Two Delays Today:

89min - Wait on Ellis Island
39min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Bull Gang: Deck Captain discussed rope handling, back injuries and working in hot weather. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Bull Gang: Operating Heavy Equipment and Forklift; Crane operations; hot work; working in hot weather.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100° *****

Today: Hot and humid with a high of 92° and a real feel temperature of 104°(moderate-high risk).

Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 10% chance of rain.

GENERAL COMMENTS:

Conducted initial inspection on D7 Dozer GL648. Minor deficiencies noted and corrected on the spot. Attended the weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 510	
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CHARACTER OF REPORT						DATE 26 Jul 2018 - Thursday	
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MAINTENANCE NEW WORK

DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY	
	NO. OF CREW MEMBERS	DREDGE 17	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 37,501	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,039,654	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>	
	DENSITY OF WATER		1025 GMS/LITER@ <u>68 °F</u>	

RIVER/TIDE STAGE	MIN 0 TIME 00:00	MAX 1 TIME 08:53	GAGE LOCATION Pascagoula Range Marker	
	MIN 0 TIME 19:18	MAX 0 TIME 23:59	GAGE DATUM NAVD88	

WEATHER CONDITION	WEATHER Weather Caused No Delay		TEMP (min / max) 75 °F / 95 °F	VISIBILITY 10	WIND 8
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DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30	EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	04:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:30	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	05:29	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN 1	CONNECTING:	00:00	00:28	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN 0	DUMPING:	00:00	05:53	0.0
GALLONS OF FUEL OIL CONSUMED			GAL 2,500	DISCONNECTING:	00:00	00:25	0.0
GALLONS OF WATER CONSUMED			GAL 500	TO CUT:	00:00	04:34	0.0
TOTALS:					00:00	21:19	0.0

WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING	TAKING ON FUEL AND SUPPLIES:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
3	37,501	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:23	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MAJOR REPAIRS AND ALTERATIONS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	CESSATION:			
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 510
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Jul 2018 - Thursday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and pumping on landing #3.

3 loads pumped on Ship Island today: 37,501 CY

292 loads pumped on Ship Island to date: 3,039,654 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

104 loads dug in Horn Island Pass Borrow Area to date: 1,034,671 CY

Nine Delays Today:

70min - Wait on Liberty Island

45min - Reduced sail speed (Four delays)

23min - Slow bell for main engine hydraulic leak

23min - Clean collection line (Three delays)

SAFETY

PRE-SHIFT MEETING:

Bull Gang: Deck Captain discussed rope handling, back injuries and working in hot weather. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Bull Gang: Operating Heavy Equipment and Forklift; Crane operations; hot work; working in hot weather.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 92° and a real feel temperature of 104°(moderate-high risk).

Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 10% chance of rain.

GENERAL COMMENTS:

Conducted initial inspection on D7 Dozer GL648. Minor deficiencies noted and corrected on the spot. Attended the weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 511
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Jul 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,870	862,637
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	77 °F / 97 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:10	0.0
				TURNING:	00:00	00:44	0.0
				TO DUMP:	00:00	05:32	0.0
				CONNECTING:	00:00	00:38	0.0
				DUMPING:	00:00	04:26	0.0
				DISCONNECTING:	00:00	00:24	0.0
				TO CUT:	00:00	05:46	0.0
				TOTALS:	00:00	20:40	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	01:48	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:32	0.0
				TOTALS:	00:00	03:20	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	19,870	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 511
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 Jul 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,870 CY
177 loads pumped on Ship Island to date: 862,637 CY

177 loads dug in Horn Island Pass Borrow Area to date: 862,637 CY

Three Delays Today:

185min - Wait on Ellis Island (Two delays)
15min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Liberty: Captain conducted Weekly Tool Box - discussions were GLDD Smoking Policy, Fall Safety Challenge, SHAKE, ESF's, JSA's, Good Catches and Near Misses.

JSA DISCUSSIONS:

Liberty: Sand Blasting; Inspect and Clean out Discharge Box; Cleaning Dragheads; Hooking up tug at pump out to the Stern; Crew Boat Personnel Transfer; Hooking up and letting go of the cube; Working in Hot Weather; Using Incinerator; Painting; Chipping and Grinding.

BEHAVIORAL OBSERVATIONS:

Observed Liberty Island crew conducting Fire and Boat Drills. Crew was motivated, quickly responded and communicated well during both drills.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100° *****
Today: Hot and humid with a high of 93° and a real feel temperature of 105°(moderate-high risk).
Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 20% chance of rain.

GENERAL COMMENTS:

Conducted Lock Out/Tag Out Training on board the Liberty Island. Conducted PS inspection on the Crash Cart.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 511
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Jul 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	33,616	3,073,270
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	77 °F / 97 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30		EFFECTIVE WORKING TIME:			
AFT				PUMPING:	00:00	03:59	0.0
	13	30		TURNING:	00:00	00:45	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TO DUMP:	00:00	04:07	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				CONNECTING:	00:00	00:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		DUMPING:	00:00	06:42	0.0
		1		DISCONNECTING:	00:00	00:36	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		TO CUT:	00:00	04:43	0.0
		0		TOTALS:	00:00	21:07	0.0
GALLONS OF FUEL OIL CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:			
		2,500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		500		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING			TOTAL CYS				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA					
3	33,616	Ship Island	0	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:			
				00:00	02:48	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00	00:00	0.0	
				CESSATION:			
				00:00	00:00	0.0	
				COLLISIONS:			
				00:00	00:00	0.0	
				TOTALS:			
				00:00	00:00	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 615 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 511
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Jul 2018 - Friday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and pumping on landing #3.

3 loads pumped on Ship Island today: 33,616 CY

295 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

107 loads dug in Horn Island Pass Borrow Area to date: 1,068,287 CY

Six Delays Today:

116min - Wait on Liberty Island

45min - Reduced sail speed (three delays)

7min - Clean collection lines

5min - Traffic

SAFETY

PRE-SHIFT MEETING:

Liberty: Captain conducted Weekly Tool Box - discussions were GLDD Smoking Policy, Fall Safety Challenge, SHAKE, ESF's, JSA's, Good Catches and Near Misses.

JSA DISCUSSIONS:

Liberty: Sand Blasting; Inspect and Clean out Discharge Box; Cleaning Dragheads; Hooking up tug at pump out to the Stern; Crew Boat Personnel Transfer; Hooking up and letting go of the cube; Working in Hot Weather; Using Incinerator; Painting; Chipping and Grinding.

BEHAVIORAL OBSERVATIONS:

Observed Liberty Island crew conducting Fire and Boat Drills. Crew was motivated, quickly responded and communicated well during both drills.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 93° and a real feel temperature of 105°(moderate-high risk).

Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 20% chance of rain.

GENERAL COMMENTS:

Conducted Lock Out/Tag Out Training on board the Liberty Island. Conducted PS inspection on the Crash Cart.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 616 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 512
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 28 Jul 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,751	882,388
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 95 °F	10	24

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:01	0.0
				TURNING:	00:00	00:10	0.0
				TO DUMP:	00:00	07:46	0.0
				CONNECTING:	00:00	00:37	0.0
				DUMPING:	00:00	03:57	0.0
				DISCONNECTING:	00:00	00:25	0.0
				TO CUT:	00:00	05:50	0.0
				TOTALS:	00:00	21:46	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	02:14	0.0
				TOTALS:	00:00	02:14	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	19,751	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 512
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 Jul 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3.

4 load pumped on Ship Island today: 19,751 CY
 181 loads pumped on Ship Island to date: 882,388 CY

181 loads dug in Horn Island Pass Borrow Area to date: 882,388 CY

One Delay Today:

134min - Wait on Ellis Island

SAFETY

PRE-SHIFT MEETING:

Bull Gang: Mate discussed hydration, work/rest ratio, crane lift/suspended loads and daily tasks. SSHO discussed OSHA's top 10 violations and Fall Safety Challenge,

JSA DISCUSSIONS:

Bull Gang: Working in Hot Weather; Hot Work; Crane lifts; Operating heave equipment and forklifts.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting crane lifts. Rigger stayed in constant communication with the crane operator and crews maintained awareness of swing radius.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 92° and a real feel temperature of 105°(moderate-high risk). 10% chance or rain.

Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 40% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 512
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Jul 2018 - Saturday

GENERAL COMMENTS

The Ellis continued dredging in HIP 3 and pumping on landing #3.

2 loads pumped on Ship Island today: 22,435 CY

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

Five Delays Today:

494min - Prepare for dock

72min - Fill site placing shorepipe

62min - Wait on Liberty Island

30min - Reduced sail speed (Two delays)

SAFETY

PRE-SHIFT MEETING:

Bull Gang: Mate discussed hydration, work/rest ratio, crane lift/suspended loads and daily tasks. SSO discussed OSHA's top 10 violations and Fall Safety Challenge,

JSA DISCUSSIONS:

Bull Gang: Working in Hot Weather; Hot Work; Crane lifts; Operating heavy equipment and forklifts.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting crane lifts. Rigger stayed in constant communication with the crane operator and crews maintained awareness of swing radius.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 92° and a real feel temperature of 105°(moderate-high risk). 10% chance of rain.

Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 40% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 620 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 513
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 29 Jul 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30				
AFT		13	30	EFFECTIVE WORKING TIME:		

DRAG DEPTH	MAX	<u>42</u>	MIN	<u>42</u>		PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>						TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1		TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0		CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0		DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0		DISCONNECTING:	00:00	00:00	0.0
						TO CUT:	00:00	00:00	0.0
						TOTALS:	00:00	00:00	0.0

WORK PERFORMED					NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:			
					00:00 00:00 0.0			
					LOSS DUE TO NATURAL ELEMENTS:			
					00:00 00:00 0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES:			
					00:00 00:00 0.0			
					MINOR OPERATING REPAIRS:			
					00:00 00:00 0.0			
					TRANSFERRING BETWEEN WORKS:			
					00:00 00:00 0.0			
					LAY TIME:			
					00:00 00:00 0.0			
					FIRE AND BOAT DRILLS:			
					00:00 00:00 0.0			

ATTENDANT PLANT					MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS		00:00 00:00 0.0			
					TOTALS:			
					00:00 00:00 0.0			

					LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:			
					00:00 24:00 0.0			
					CESSATION:			
					00:00 00:00 0.0			
					COLLISIONS:			
					00:00 00:00 0.0			
					TOTALS:			
					00:00 24:00 0.0			
					TOTAL TIME/MILES:			
					00:00 24:00 0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 621 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 513
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 29 Jul 2018 - Sunday	

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 622 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 513
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 29 Jul 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	4,982	887,370
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 91 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:15	0.0
			1	DUMPING:	00:00	01:06	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:06	0.0
			0	TO CUT:	00:00	01:35	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	03:29	0.0
			2,192	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,600	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
1	4,982	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	20:31	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	20:31	0.0
				LOST TIME:			

				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 513
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 29 Jul 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping out on Ship Island on landing #3. Dredge went on standby for booster repairs at 0410.

1 load pumped on Ship Island today: 4,982 CY
182 loads pumped on Ship Island to date: 887,370 CY

182 loads dug in Horn Island Pass Borrow Area to date: 887,370 CY

Two Delays Today:

1188min - Standby for booster repairs
43min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Bull Gang: Deck Captain discussed daily tasks to include safety.

JSA DISCUSSIONS:

Bull Gang: Install rock box on main pump; Working in Hot Weather; Crane lifts; Installing front liner on pump door; Installing pump door; Installing impeller on main pump; Remove/Replace front door liner.

Booster: Remove/Replace Front Door Liner; Remove Front Door from main Pump; Main pump packing; Remove impeller from main pump.

BEHAVIORAL OBSERVATIONS:

Observed Bull Gang and Booster crew working together changing out 30" pipe and impeller on the pump. Crew worked safe, staying hydrated and constant communication with everyone.

SITE CONDITIONS & HOUSEKEEPING:

*****Heat advisory for the next several days. Heat index remaining above 100°.*****

Today: Hot and humid with a high of 88° and a real feel temperature of 101°(moderate-high risk). 30% chance or rain.

Tomorrow: high of 89° and real feel of 101°(moderate-high risk). 70% chance of rain with possible thunder storms.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 514
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Jul 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30			
AFT		13	30	EFFECTIVE WORKING TIME:		

DRAG DEPTH	MAX	<u>42</u>	MIN	<u>42</u>
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0

GALLONS OF FUEL OIL CONSUMED		GAL	0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0

WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 514
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Jul 2018 - Monday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 514				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Jul 2018 - Monday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 887,370				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS _____				GMS/LITER <u>1850</u>						
	DENSITY OF WATER _____				1025	GMS/LITER@ <u>83 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Non Work Day			73 °F / 91 °F		10		8			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11								27
AFT			11				27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	2,192	DUMPING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL	1,600	DISCONNECTING:		00:00	00:00	0.0	
WORK PERFORMED					TO CUT:		00:00	00:00	0.0		
DREDGING AND HAULING					AGITATING		NON-EFFECTIVE WORKING TIME:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	24:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 514
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 Jul 2018 - Monday

GENERAL COMMENTS

The Liberty Island is off-contract for repairs.

182 loads pumped on Ship Island to date: 887,370 CY

182 loads dug in Horn Island Pass Borrow Area to date: 887,370 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 515
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Jul 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1870
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		13	30				
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	0	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	0	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 515
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 31 Jul 2018 - Tuesday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 515
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Jul 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	887,370
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	73 °F / 91 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			2,192	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 515
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 31 Jul 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island is off-contract for repairs.

182 loads pumped on Ship Island to date: 887,370 CY

182 loads dug in Horn Island Pass Borrow Area to date: 887,370 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 516			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Aug 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,095,705			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			75 °F / 95 °F		10		8		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 516
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Aug 2018 - Wednesday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 516	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Aug 2018 - Wednesday		
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		HIP 1	HIP 1		Ship Island	4,746	892,116		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>				
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>				
RIVER/TIDE STAGE		MIN 0	TIME 00:00	MAX 1	TIME 08:53	GAGE LOCATION Pascagoula Range Marker			
		MIN 0	TIME 19:18	MAX 0	TIME 23:59	GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER		TEMP (min / max)	VISIBILITY	WIND			
		Weather Caused No Delay		73 °F / 91 °F	10	8			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27					
AFT			11	27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	01:38	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:05	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:	00:00	01:40	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:	00:00	00:10	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	3,279	DUMPING:	00:00	01:03	0.0	
GALLONS OF WATER CONSUMED			GAL	1,000	DISCONNECTING:	00:00	00:09	0.0	
WORK PERFORMED				TO CUT:	00:00	01:32	0.0		
DREDGING AND HAULING			AGITATING	TOTALS:	00:00	06:17	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:					
1	4,746	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
				MINOR OPERATING REPAIRS:	00:00	01:22	0.0		
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
				LAY TIME:	00:00	00:00	0.0		
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
				MISCELLANEOUS:	00:00	00:00	0.0		
				TOTALS:	00:00	01:22	0.0		
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:	00:00	16:21	0.0		
				CESSATION:	00:00	00:00	0.0		
				COLLISIONS:	00:00	00:00	0.0		
				TOTALS:	00:00	16:21	0.0		
				TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 516
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Aug 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island began the day off-contract for repairs. The dredge broke dock and resumed dredging in HIP 3 at 1620 and pumping on subline #4 at station 96+00.

1 load pumped on Ship Island today: 4,746 CY

183 loads pumped on Ship Island to date: 892,116 CY

183 loads dug in Horn Island Pass Borrow Area to date: 892,116 CY

Three Delays Today:

981min - Dredge off-contract for repairs

82min - Port main engine high crankcase pressure (Two delays)

SAFETY

PRE-SHIFT MEETING:

Liberty: Mate discussed the days tasks and getting underway.

JSA DISCUSSIONS:

Liberty: Taking on stores in the yard; crane lifts; Working in hot weather; Rigging submersible pump; General engine room maintenance; Handling Mooring Lines.

BEHAVIORAL OBSERVATIONS:

Observed crew taking stores using the crane, crew worked safe and was wearing proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 84° and a real feel temperature of 96°(moderate-high risk). 70% chance or rain.
 Tomorrow: high of 86° and real feel of 98°(moderate-high risk). 60% chance of rain with possible thunder storms.

GENERAL COMMENTS:

Inspected AED on board the Liberty.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 636 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 517
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Aug 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	14,060	906,176
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 88 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27	EFFECTIVE WORKING TIME:			
AFT		27	PUMPING:	00:00	02:56	0.0
	11		TURNING:	00:00	00:19	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>			TO DUMP:	00:00	07:47	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			CONNECTING:	00:00	00:34	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	03:16	0.0
		1	DISCONNECTING:	00:00	01:23	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	06:12	0.0
		0	TOTALS:	00:00	22:27	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		7,867	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		3,600	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0

WORK PERFORMED				AGITATING	
DREDGING AND HAULING			TOTAL CYS		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA			
3	14,060	Ship Island	0		

ATTENDANT PLANT				TOTALS:	
ITEM	NAME OR NUMBER	H.P.	HOURS	00:00	01:33
LOST TIME:					
MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00
CESSATION:				00:00	00:00
COLLISIONS:				00:00	00:00
TOTALS:				00:00	00:00
TOTAL TIME/MILES:				00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 517
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 02 Aug 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging and pumping on subline #4 at station 96+00.

3 loads pumped on Ship Island today: 14,060 CY

186 loads pumped on Ship Island to date: 906,176 CY

186 loads dug in Horn Island Pass Borrow Area to date: 906,176 CY

Four Delays Today:

34min - Fill site line flush

28min - Slow bell sailing port main engine down

27min - Repairing port main engine

4min - Low lube oil pressure

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: housekeeping, crane lifts, working in hot weather, hot work, airing up tire, operating heavy equipment

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 87° and a real feel temperature of 97°(moderate-high risk).

Tomorrow: high of 86° and real feel of 97°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Attended project weekly meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 517
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Aug 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 517
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Aug 2018 - Thursday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 518			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Aug 2018 - Friday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 18,982	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 925,158			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			73 °F / 88 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:04	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:31	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	07:40	0.0		
			1		CONNECTING:	00:00	00:51	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:32	0.0		
			0		DISCONNECTING:	00:00	00:25	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	06:27	0.0		
			7,867		TOTALS:	00:00	23:30	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			3,600		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
4	18,982	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:30	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:30	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 518
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Aug 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging and pumping on subline #1.

4 loads pumped on Ship Island today: 18,982 CY

190 loads pumped on Ship Island to date: 925,158 CY

190 loads dug in Horn Island Pass Borrow Area to date: 925,158 CY

One Delay Today:

30min - Bull gang inspection of subline 1 between the cube and booster

SAFETY

PRE-SHIFT MEETING:
Mackie/Ellis: Captain discussed job tasks for the day.

JSA DISCUSSIONS:
Mackie/Ellis: housekeeping/sanitary, working with impacts

SITE CONDITIONS & HOUSEKEEPING:
Today: Hot and humid with a high of 86° and a real feel temperature of 97°(moderate-high risk).
Tomorrow: high of 88° and real feel of 99°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:
Mackie/Ellis: Rigging and crane training was conducted by Southern Crane with 8 dredge personnel. SSHO conducted Predictive Solutions and monthly AED inspections.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 518	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 03 Aug 2018 - Friday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,095,705	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>				
	DENSITY OF WATER				<u>1025</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
WEATHER CONDITION		WEATHER Non Work Day		TEMP (min / max) 75 °F / 95 °F		VISIBILITY 10		WIND 8	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13	30	EFFECTIVE WORKING TIME:				
AFT			13	30	PUMPING:	00:00	00:00	0.0	
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	CONNECTING:	00:00	00:00	0.0	
				1	DUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DISCONNECTING:	00:00	00:00	0.0	
				0	TO CUT:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	TOTALS:	00:00	00:00	0.0	
				0	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED				GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
				0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	00:00	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	24:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 518
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Aug 2018 - Friday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 519			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Aug 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 23,984	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 949,142			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			76 °F / 84 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:23	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	07:15	0.0		
			1		CONNECTING:	00:00	00:49	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:22	0.0		
			0		DISCONNECTING:	00:00	00:29	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	06:41	0.0		
			8,107		TOTALS:	00:00	23:29	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			2,500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
5	23,984	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:31	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:31	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 519
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Aug 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging and pumping on subline #1.

5 loads pumped on Ship Island today: 23,984 CY

195 loads pumped on Ship Island to date: 949,142 CY

195 loads dug in Horn Island Pass Borrow Area to date: 949,142 CY

One Delay Today:

31min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Liberty: Captain discussed job tasks for the day. He also emphasized for crews to discuss hand safety awareness on all JSAs.

JSA DISCUSSIONS:

Liberty: Hooking up and letting go of the cube, inspect/clean out discharge box, Working in hot weather, Cleaning Dragheads, Crew boat personnel transfer, Chipping and grinding, Painting, Using Incinerator, General engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Liberty: Crews wearing all required PPE while painting.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 88° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: high of 87° and real feel of 96°(moderate-high risk). 70% chance of rain.

GENERAL COMMENTS:

Liberty: SSHO conducted a Predictive Solutions inspection. Minor deficiencies noted and annotated in PS.

SSHO conducted new hire training with the Captain on the Emma Kate. Also conducted monthly AED inspection on the Emma Kate.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 519			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Aug 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,095,705			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Non Work Day			75 °F / 95 °F		10		8		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	0	DUMPING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL	0	DISCONNECTING:	00:00	00:00	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 519
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 Aug 2018 - Saturday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 520			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Aug 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,022	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 968,164		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
				GAGE LOCATION		Pascagoula Range Marker				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			76 °F / 88 °F		10		10		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						PUMPING:		00:00	03:34	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	07:59	0.0
				1	CONNECTING:		00:00	00:44	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:13	0.0
				0	DISCONNECTING:		00:00	00:24	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:33	0.0
				12,588	TOTALS:		00:00	23:54	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				1,000	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
4	19,022	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	00:06	0.0
						TOTALS:		00:00	00:06	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 520
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 05 Aug 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #1.

4 loads pumped on Ship Island today: 19,022 CY

199 loads pumped on Ship Island to date: 968,164 CY

199 loads dug in Horn Island Pass Borrow Area to date: 968,164 CY

Two Delays Today:

6min - Probe seized inside bell (Two delays)

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief Engineer discussed job tasks for the day.

Mobro 1706: Deck Captain discussed job tasks for the day. Also discussed heat related injuries and hydration.

JSA DISCUSSIONS:

Wadmalaw: Sunday duties

Mobro 1706: Working in hot weather, Crane lifts, Hot work, Operating heavy equipment and forklifts.

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Oiler performing Sunday safety checks wearing all required PPE.

Mobro 1706: Crew utilizing good communication while performing multiple crane lifts. Crew also was observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 87° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: high of 90° and real feel of 101°(moderate-high risk). 10% chance of rain.

Crews on the Wadmalaw are doing a great job of maintaining housekeeping in their respective work areas and throughout the booster.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted Lock Out Tag Out training with 2 crew and signed off LOTO PS open issue. Also conducted monthly AED inspection. Conducted safety walk around with no deficiencies noted.

Ohio River: Conducted monthly AED inspection.

Mobro 1706: Conducted monthly AED Inspection.

SSHO entered all weekly equipment inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 520					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Aug 2018 - Sunday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,095,705				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68</u> °F					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
				GAGE LOCATION		Pascagoula Range Marker						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Non Work Day			75 °F / 95 °F		10		8				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	00:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	24:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	24:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 520
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Aug 2018 - Sunday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 521
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Aug 2018 - Monday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 521
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Aug 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	968,164
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 89 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27	EFFECTIVE WORKING TIME:			
AFT		27	PUMPING:	00:00	02:26	0.0
	11		TURNING:	00:00	00:12	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>	TO DUMP:	00:00	05:34	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>		CONNECTING:	00:00	00:42	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	04:04	0.0
		1	DISCONNECTING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	06:44	0.0
		0	TOTALS:	00:00	20:07	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		7,273	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		2,000	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	01:24	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	02:29
ATTENDANT PLANT			TOTALS:	00:00	03:53	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 521
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Aug 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #1.

4 loads pumped on Ship Island today: 18,924 CY

203 loads pumped on Ship Island to date: 987,088 CY

203 loads dug in Horn Island Pass Borrow Area to date: 987,088 CY

Five Delays Today:

- 84min - Repairs to STBD main engine cooler
- 77min - Bullgang repairs to subline/Liberty repairs and maintenance
- 60min - Fill site line flush (Two delays)
- 12min - Waiting on booster

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.
 Liberty: Captain discussed hand safety and sprains and strains. Also discussed being safe in anything you do, not just job tasks.

JSA DISCUSSIONS:

Mackie/Ellis: Crane lifts
 Liberty: Working in hot weather, Crew boat personnel transfer, Chipping and Grinding, Using incinerator, Sand blasting, Painting, Inspect and clean out discharge box, Hooking up and letting go of the cube, Cleaning drag heads.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crew utilizing safe work practices and good communication while performing multiple crane lifts during rigging/crane course.
 Liberty: Observed crew hooking up and letting go of the cube. Crew worked safely and kept in constant communication with the Mate.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 80° and a real feel temperature of 101°(moderate-high risk).
 Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Southern crane provided crane training followed by rigging and crane practical exams. Eight Mackie personnel received crane and rigging qualifications.
 Liberty: Started the annual Fall Protection inspection. Conducted PS inspection with no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 522
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Aug 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	4,844	973,008
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 92 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	01:27	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:18	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	03:38	0.0
			1	CONNECTING:	00:00	00:11	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	01:02	0.0
			0	DISCONNECTING:	00:00	00:05	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	01:30	0.0
			2,713	TOTALS:	00:00	08:11	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			4,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
1	4,844	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	09:08	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	06:41	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	15:49	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 522
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Aug 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping on subline #1. At 1545 the dredge went to anchor for repairs and was down for the rest of th day.

1 load pumped on Ship Island today: 4,844 CY

204 loads pumped on Ship Island to date: 991,932 CY

204 loads dug in Horn Island Pass Borrow Area to date: 991,932 CY

Two Delays Today:

548min - Repairs to STBD main engine cooler

401min - Bullgang repairs to subline/Liberty repairs and maintenance

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day and had a safety discussion on vessel transfers. Also discussed SALT book section on visitors.

JSA DISCUSSIONS:

Fill Site: pulling the drag bar, moving equipment with the forklift, adding/breaking shore pipe, building/maintaining containment, working the light plant, fueling equipment

Liberty: Working in hot weather; Hooking up and letting go of the cube; Inspect drag arms; Cleaning drag heads; Chipping and grinding; painting; Welding; Working with hand tools; Sandblasting; Using the Incinerator; Inspect and clean discharge box.

BEHAVIORAL OBSERVATIONS:

Fill Site: Crews operating heavy equipment in a safe manner. Ground personnel observing the safety zone.

Liberty: Crews safely performing sand blasting operations.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 40% chance of rain.

The Fill Site is very well organized and crews are doing a great job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: Southern crane provided crane training followed by rigging and crane practical exams. Eight Mackie personnel received crane and rigging qualifications.

Liberty: Started the annual Fall Protection inspection. Conducted PS inspection with no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 522
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Aug 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		13	30	EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0

DRAG DEPTH	MAX	<u>42</u>	MIN	<u>42</u>	TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	00:00	0.0

GALLONS OF FUEL OIL CONSUMED		GAL	0	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED		GAL	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	

WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			

				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 522
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Aug 2018 - Tuesday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 523
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Aug 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1870
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30	EFFECTIVE WORKING TIME:		
AFT		13	30	PUMPING:	00:00	00:00
				TURNING:	00:00	00:00
				TO DUMP:	00:00	00:00
				CONNECTING:	00:00	00:00
				DUMPING:	00:00	00:00
				DISCONNECTING:	00:00	00:00
				TO CUT:	00:00	00:00
				TOTALS:	00:00	00:00

DRAG DEPTH MAX 42 MIN 42

INDICATORS LAST CHECKED ON 07/14/2018

AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0
GALLONS OF FUEL OIL CONSUMED		GAL	0
GALLONS OF WATER CONSUMED		GAL	0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

NON-EFFECTIVE WORKING TIME:					
TAKING ON FUEL AND SUPPLIES:	00:00	00:00	00:00	00:00	0.0
TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	00:00	0.0
LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	00:00	0.0
LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	00:00	00:00	0.0
MINOR OPERATING REPAIRS:	00:00	00:00	00:00	00:00	0.0
TRANSFERRING BETWEEN WORKS:	00:00	00:00	00:00	00:00	0.0
LAY TIME:	00:00	00:00	00:00	00:00	0.0
FIRE AND BOAT DRILLS:	00:00	00:00	00:00	00:00	0.0
MISCELLANEOUS:	00:00	00:00	00:00	00:00	0.0
TOTALS:	00:00	00:00	00:00	00:00	0.0
LOST TIME:					
MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	00:00	00:00	0.0
CESSATION:	00:00	00:00	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	00:00	00:00	0.0
TOTALS:	00:00	24:00	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	00:00	00:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 523
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Aug 2018 - Wednesday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 523
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Aug 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 973,008
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 92 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 523
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Aug 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island remained at anchor for repairs and was down all day.

204 loads pumped on Ship Island to date: 991,932 CY

204 loads dug in Horn Island Pass Borrow Area to date: 991,932 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

Liberty: Captain discussed conducting JSA's prior to each task. SSHO/DSHEM discussed proper storage and wearing of Fall Protection equipment.

JSA DISCUSSIONS:

Mackie/Ellis: Crane lifts

Liberty: Using Incinerator; Painting; Working in hot weather; Using pressure washer; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews safely performing multiple crane lifts. Good communication, use of tag lines and crews ensured everyone remained clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 89° and real feel of 102°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Conducted Fall Protection training. Completed monthly AED inspection on the Ellis. Conducted Predictive Solutions inspection with no discrepancies noted. Conducted Breathalyzer training with the Captain.

Liberty: SSHO continued with annual Fall Protection inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 524
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Aug 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	24:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 524
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Aug 2018 - Thursday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 524
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Aug 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	0	973,008
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 92 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			0	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 524
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Aug 2018 - Thursday

GENERAL COMMENTS

The Liberty Island remained at anchor for repairs and was down all day.

204 loads pumped on Ship Island to date: 991,932 CY

204 loads dug in Horn Island Pass Borrow Area to date: 991,932 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

Liberty: Captain discussed conducting JSA's prior to each task. SSHO/DSHEM discussed proper storage and wearing of Fall Protection equipment.

JSA DISCUSSIONS:

Mackie/Ellis: Crane lifts

Liberty: Using Incinerator; Painting; Working in hot weather; Using pressure washer; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews safely performing multiple crane lifts. Good communication, use of tag lines and crews ensured everyone remained clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of heavy rain but otherwise hot and humid with a high of 89° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Southern Crane conducted rigging training with 9 crew. SSHO attended weekly project meeting.

New hire training with Lady Joyelle Deckhand and Brooke Elizabeth Deckhand.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 525					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Aug 2018 - Friday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,095,705				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
				GAGE LOCATION		Pascagoula Range Marker						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Non Work Day			75 °F / 95 °F		10		8				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	00:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	24:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	24:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 525
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 10 Aug 2018 - Friday	

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 525
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Aug 2018 - Friday

GENERAL COMMENTS

The Liberty Island began the day at anchor for repairs. Repairs were completed at 14:40. Dredge resumed digging in HIP 1 and pumping on westward on subline #1.

1 load pumped on Ship Island today: 4,903 CY

205 loads pumped on Ship Island to date: 996,835 CY

205 loads dug in Horn Island Pass Borrow Area to date: 996,835 CY

Four Delays Today:

- 878min - Repairs to stbd CPP electronic control cabinet
- 66min - Troubleshooting crank case sensor (Two delays)
- 15min - Waiting on booster startup

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews safely performed multiple crane lifts. Good communication, use of tag lines and crews remained clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of heavy rain but otherwise hot and humid with a high of 88° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: high of 90° and real feel of 103°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Southern Crane conducted crane training followed by rigging and crane practical exams with 9 crew. Liberty Island; worked with Captain to sign off one PS open issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 526
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Aug 2018 - Saturday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 526
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Aug 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 19,574 CY

209 loads pumped on Ship Island to date: 1,016,409 CY

209 loads dug in Horn Island Pass Borrow Area to date: 1,016,409 CY

Two Delays Today:

- 27min - Velocity gauge power failure
- 4min - Probe seized while connecting

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. SSHO discussed recent MOB with the crew. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: working in hot weather, crane lifting, mechanical duties, operating heavy equipment with forklift, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews working safely and wearing all required PPE while performing multiple job tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 103°(moderate-high risk).

Tomorrow: high of 91° and real feel of 103°(moderate-high risk). 25% chance of rain.

GENERAL COMMENTS:

Mobro 1706: Worked with Deck Captain to sign off one PS open issue. Conducted JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 527
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Aug 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	75 °F / 95 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30				
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			0	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 527
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Aug 2018 - Sunday

GENERAL COMMENTS

The Ellis is off-contract in Pascgoula for repairs

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 527
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Aug 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,554	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,017,039
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 78 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	03:53	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	01:01	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:25	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:35	0.0
			1	DUMPING:	00:00	04:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:16	0.0
			0	TO CUT:	00:00	04:54	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	22:29	0.0
			6,282	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,100	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,554	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	01:29	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:02	0.0
				TOTALS:	00:00	01:31	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 527
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Aug 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 19,554 CY

213 loads pumped on Ship Island to date: 1,035,963 CY

213 loads dug in Horn Island Pass Borrow Area to date: 1,035,963 CY

Three Delays Today:

- 89min - Troubleshoot dredge pump (Two delays)
- 2min - Probe seized while connecting

SAFETY

JSA DISCUSSIONS:

Wadmalaw: Sunday duties

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crews working safely and wearing all required PPE while performing Sunday job tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 103°(moderate-high risk).
 Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Wadmalaw: Conducted Fall Protection and Hand Safety training with the booster crew. Uploaded Ohio River weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 528
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Aug 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,692	1,036,731
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	82 °F / 90 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT							
	11	27					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				PUMPING:			
AVERAGE SPEED OF DREDGE DURING LOADING				00:00 02:52 0.0			
FT/MIN				TURNING:			
1				00:00 00:29 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				TO DUMP:			
0				00:00 07:11 0.0			
GALLONS OF FUEL OIL CONSUMED				CONNECTING:			
7,564				00:00 00:33 0.0			
GALLONS OF WATER CONSUMED				DUMPING:			
1,300				00:00 03:14 0.0			
WORK PERFORMED				DISCONNECTING:			
DREDGING AND HAULING				00:00 00:44 0.0			
AGITATING				TO CUT:			
NO. OF LOADS				00:00 06:00 0.0			
TOTAL CYS				TOTALS:			
DISPOSAL AREA				00:00 21:03 0.0			
TOTAL CYS				NON-EFFECTIVE WORKING TIME:			
4	19,692	Ship Island	0	TAKING ON FUEL AND SUPPLIES:			
				00:00 00:00 0.0			
				TO AND FROM WHARF OR ANCHORAGE:			
				00:00 00:00 0.0			
				LOSS DUE TO NATURAL ELEMENTS:			
				00:00 00:00 0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES:			
				00:00 00:00 0.0			
				MINOR OPERATING REPAIRS:			
				00:00 00:00 0.0			
				TRANSFERRING BETWEEN WORKS:			
				00:00 00:00 0.0			
				LAY TIME:			
				00:00 00:00 0.0			
				FIRE AND BOAT DRILLS:			
				00:00 00:00 0.0			
				MISCELLANEOUS:			
				00:00 02:57 0.0			
				TOTALS:			
				00:00 02:57 0.0			
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00 00:00 0.0			
				CESSATION:			
				00:00 00:00 0.0			
				COLLISIONS:			
				00:00 00:00 0.0			
				TOTALS:			
				00:00 00:00 0.0			
				TOTAL TIME/MILES:			
				00:00 24:00 0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 528
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Aug 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 19,692 CY

217 loads pumped on Ship Island to date: 1,055,655 CY

217 loads dug in Horn Island Pass Borrow Area to date: 1,055,655 CY

Two Delays Today:

171min - Wait on Ellis Island

6min - Probe seized when connecting

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Conducted initial inspection of Fuel Barge 1002 and Anchor Barge 118 to the project in Predictive Solutions. Some issues that were discovered were fixed on the spot by the SSHO. Several issues were added to the Predictive Solutions data base. SSHO ordered safety items to fix some of the issues. Uploaded weekly inspections for AB 113, ACB8 and ACB9 into NS5. Conducted safety training with new security person at the yard.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 682 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 528
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Aug 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	3,095,705
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 90 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	01:25	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:24	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	01:42	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:16	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	938	DUMPING:	00:00	03:05	0.0
GALLONS OF WATER CONSUMED		GAL	700	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	06:52	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	01:30	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	04:48	0.0
				TOTALS:	00:00	06:18	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	10:50	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	10:50	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 528
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Aug 2018 - Monday

GENERAL COMMENTS

The Ellis began the day off-contract in Pascgoula for repairs. The dredge left dry dock and arrived in HIP 3 and went to anchor to test various systems before resuming operations.

0 loads completed today: 0 CY

297 loads pumped on Ship Island to date: 3,073,270 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

109 loads dug in Horn Island Pass Borrow Area to date: 1,090,722 CY

Two Delays Today:

288min - Pick-up line parted

90min - Tub blackout

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 92° and real feel of 104°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Conducted initial inspection of Fuel Barge 1002 and Anchor Barge 118 to the project in Predictive Solutions. Some issues that were discovered were fixed on the spot by the SSHO. Several issues were added to the Predictive Solutions data base. SSHO ordered safety items to fix some of the issues. Uploaded weekly inspections for AB 113, ACB8 and ACB9 into NS5. Conducted safety training with new security person at the yard.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 685 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 529
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Aug 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

3 loads pumped on Ship Island today: 15,652 CY

220 loads pumped on Ship Island to date: 1,070,307 CY

220 loads dug in Horn Island Pass Borrow Area to date: 1,070,307 CY

Five Delays Today:

- 407min - Fill site down to repair dozers
- 75min - Wait on Ellis Island (Two delays)
- 5min - Probe seized during connection
- 4min - Issues clutching in

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, working in hot weather, operating heavy equipment & forklift, crane lifting

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew safely lifting stores onto the crew boat. Good communication between crews and proper use of tag lines.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 92° and a real feel temperature of 104°(moderate-high risk).
 Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 40% chance of rain.
 Crews on the Mobro are doing a good job of maintaining housekeeping.

GENERAL COMMENTS:

SSHO corrected and signed off 10 open issues on the fuel barge 1002 and anchor barge 118. Worked with Liberty Captain to sign off one issue on the Liberty. Condcuted a safety walk around on the Mobro. Completed monthly inspections on safety items but otherwise, no issues noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 529
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Aug 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	21,640	3,117,345
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN 0 TIME 00:00	MAX 1 TIME 08:53	GAGE LOCATION Pascagoula Range Marker
	MIN 0 TIME 19:18	MAX 0 TIME 23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	71 °F / 91 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT		30	PUMPING:	00:00	02:49	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TURNING:	00:00	00:22	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			TO DUMP:	00:00	03:39	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:55	0.0
		1	DUMPING:	00:00	06:28	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:36	0.0
		0	TO CUT:	00:00	03:59	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	18:48	0.0
		2,620	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		1,100	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	21,640	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 529
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Aug 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

2 loads completed today: 21,640 CY

299 loads pumped on Ship Island to date: 3,117,345 CY

188 loads dug in OCS West Borrow Area to date: 2,004,983 CY

111 loads dug in Horn Island Pass Borrow Area to date: 1,112,362 CY

Seven Delays Today:

124min - Wait on Liberty Island (Three delays)

92min - Re-run fuel line for STBD main engine

40min - Hopper fill test and velocity calibration

36min - Automation not allowing STBD dragarm to lower

20min - Inspect barge and tug for oil leak

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, working in hot weather, operating heavy equipment & forklift, crane lifting

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew safely lifting stores onto the crew boat. Good communication between crews and proper use of tag lines.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 92° and a real feel temperature of 104°(moderate-high risk).

Tomorrow: high of 90° and real feel of 102°(moderate-high risk). 40% chance of rain.

Crews on the Mobro are doing a good job of maintaining housekeeping.

GENERAL COMMENTS:

SSHO corrected and signed off 10 open issues on the fuel barge 1002 and anchor barge 118. Worked with Liberty Captain to sign off one issue on the Liberty. Condcuted a safety walk around on the Mobro. Completed monthly inspections on safety items but otherwise, no issues noted.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 530
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Aug 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging OCS West and HIP 3 and pumping westward on subline #1.

3 loads completed today: 32,577 CY

302 loads pumped on Ship Island to date: 3,149,922 CY

113 loads dug in Horn Island Pass Borrow Area to date: 1,134,080 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Four Delays Today:

115min - Wait on Liberty Island

30min - Flush hopper in borrow area

14min - Vibration testing dredge pumps

10min - Remove large chain from draghead

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. Also discussed Authorized/Qualified Rigging and Signal person. Stretch and flex conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Fill Site: building/maintaining dikes, working the light plant, fueling equipment, changing the wye valve, adding/breaking shore pipe, moving equipment with forklift

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators safely building and maintaining dikes. Good communication with ground crews and all personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 40% chance of rain.

Fill site crew is doing a great job of housekeeping in their respective work areas.

GENERAL COMMENTS:

Conducted a safety walk around at the Fill Site with no discrepancies noted. SSHO worked with Deck Captain to sign off 2 open issues on the AB 118.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 530
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 Aug 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,752 CY

224 loads pumped on Ship Island to date: 1,090,059 CY

224 loads dug in Horn Island Pass Borrow Area to date: 1,090,059 CY

Nine Delays Today:

- 69min - Dredge pump won't go into high gear (Two delays)
- 40min - Taking on Stores
- 38min - Troubleshooting low velocity, STBD gearbox shifter not working properly
- 18min - Fouled pickup line
- 15min - Flush clutch line due to suspected plug
- 10min - Probe seized during connection (Two delays)
- 7min - Bottom dump door issue

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. Also discussed Authorized/Qualified Rigging and Signal person. Stretch and flex conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Fill Site: building/maintaining dikes, working the light plant, fueling equipment, changing the wye valve, adding/breaking shore pipe, moving equipment with forklift

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators safely building and maintaining dikes. Good communication with ground crews and all personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).
 Tomorrow: high of 91° and real feel of 102°(moderate-high risk). 40% chance of rain.
 Fill site crew is doing a great job of housekeeping in their respective work areas.

GENERAL COMMENTS:

Conducted a safety walk around at the Fill Site with no discrepancies noted. SSHO worked with Deck Captain to sign off 2 open issues on the AB 118.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 531
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Aug 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

3 loads completed today: 32,762 CY

305 loads pumped on Ship Island to date: 3,182,684 CY

116 loads dug in Horn Island Pass Borrow Area to date: 1,166,842 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Three Delays Today:

79min - Repairs to DP clutch air sensor

16min - Wait on dredge engines

4min - Troubleshoot port dragarm hoist

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of heavy rain but otherwise hot and humid with a high of 89° and a real feel temperature of 99°(oderate-high risk).

Tomorrow: high of 87° and real feel of 98°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Participated in the weekly meeting. Conducted administration duties in the office.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 531
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Aug 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	11,004	1,084,139
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	79 °F / 91 °F	10	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	02:05	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:13	0.0
			1	CONNECTING:	00:00	00:16	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	03:23	0.0
			0	DISCONNECTING:	00:00	00:18	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	04:00	0.0
			6,050	TOTALS:	00:00	15:42	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	11,004	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:09	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	08:09	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	08:18	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 531
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Aug 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

2 loads pumped on Ship Island today: 11,004 CY

226 loads pumped on Ship Island to date: 1,100,063 CY

226 loads dug in Horn Island Pass Borrow Area to date: 1,100,063 CY

Four Delays Today:

302min - Wait on Ellis Island (Two delays)

187min - Wait on booster repairs

9min - Troubleshoot main engine/propulsion

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of heavy rain but otherwise hot and humid with a high of 89° and a real feel temperature of 99°(oderate-high risk).

Tomorrow: high of 87° and real feel of 98°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Participated in the weekly meeting. Conducted administration duties in the office.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 532
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Aug 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	22,228	3,204,912
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 89 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	03:40	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:37	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	04:31	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:20	0.0
			1	DUMPING:	00:00	05:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:26	0.0
			0	TO CUT:	00:00	03:03	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	18:03	0.0
			2,943	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			250	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING			TOTAL CYS				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
2	22,228	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	05:57	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 532
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Aug 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

2 loads completed today: 22,228 CY

307 loads pumped on Ship Island to date: 3,204,912 CY

118 loads dug in Horn Island Pass Borrow Area to date: 1,189,070 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Three Delays Today:

265min - Troubleshoot dredge engines overheating/clean raw water strainers

86min - Wait on Liberty Island

6min - Wait on booster

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed lightning during foul weather. Also discussed daily tasks.

JSA DISCUSSIONS:

Bull Gang - Mechanical Duties; Hot Work (welding, cutting, burning); Crane Lift; Operating Heavy Equipment and Forklift.

BEHAVIORAL OBSERVATIONS:

Observed Welders welding on 30" pipe. Welders were wearing proper PPE and being observant of lightning in the area.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a 50% chance of rain/thunder storms and a high of 88° and a real feel temperature of 99° (Moderate-high risk).

Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 50% chance of rain.

GENERAL COMMENTS:

SSHO monthly conference call for the month. Conducted sub-contractors safety orientation for the security watch. Conducted PS inspection on the Buddy G.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 532
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Aug 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	25,853	1,109,992
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 89 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:18	0.0
				TURNING:	00:00	00:34	0.0
				TO DUMP:	00:00	08:07	0.0
				CONNECTING:	00:00	00:36	0.0
				DUMPING:	00:00	04:29	0.0
				DISCONNECTING:	00:00	00:25	0.0
				TO CUT:	00:00	06:10	0.0
				TOTALS:	00:00	23:39	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:21	0.0
				TOTALS:	00:00	00:21	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
5	25,853	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 532
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Aug 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

5 loads pumped on Ship Island today: 25,853 CY

231 loads pumped on Ship Island to date: 1,124,916 CY

231 loads dug in Horn Island Pass Borrow Area to date: 1,124,916 CY

One Delay Today:

21min - Wait on Ellis Island

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed lightning during foul weather. Also discussed daily tasks.

JSA DISCUSSIONS:

Bull Gang - Mechanical Duties; Hot Work (welding, cutting, burning); Crane Lift; Operating Heavy Equipment and Forklift.

BEHAVIORAL OBSERVATIONS:

Observed Welders welding on 30" pipe. Welders were wearing proper PPE and being observant of lightning in the area.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a 50% chance of rain/thunder storms and a high of 88° and a real feel temperature of 99° (Moderate-high risk).

Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 50% chance of rain.

GENERAL COMMENTS:

SSHO monthly conference call for the month. Conducted sub-contractors safety orientation for the security watch. Conducted PS inspection on the Buddy G.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 533
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Aug 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	20,928	1,130,920
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 86 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:10	0.0
				TURNING:	00:00	00:27	0.0
				TO DUMP:	00:00	07:17	0.0
				CONNECTING:	00:00	00:39	0.0
				DUMPING:	00:00	04:35	0.0
				DISCONNECTING:	00:00	00:26	0.0
				TO CUT:	00:00	06:00	0.0
				TOTALS:	00:00	22:34	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:14	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:12	0.0
				TOTALS:	00:00	01:26	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	20,928	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 533
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Aug 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,928 CY

235 loads pumped on Ship Island to date: 1,144,844 CY

235 loads dug in Horn Island Pass Borrow Area to date: 1,144,984 CY

Four Delays Today:

54min - Wait on Ellis Island

14min - Troubleshooting main engine/propulsion

13min - Crane lift

5min - Probe seized during connection

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed strains/sprains, hand injuries and daily job tasks.

JSA DISCUSSIONS:

Liberty - Welding; Crane Lifts; Working in Hot Weather; Crew Boat Personnel Transfer; Using Incinerator; Inspect and Clean out Discharge Box; Cleaning Drag heads; Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Observed crew hooking up and letting go of the cube. Crew worked well together and Drag-tender communicated well with the new Mate.

SITE CONDITIONS & HOUSEKEEPING:

60% chance of rain today and into the night. A daytime high of 86° and a real feel temperature of 99° (moderate-high risk).

Forecast for tomorrow is a high of 87° and real feel of 99° (moderate risk). Partly cloudy with a 40% chance of rain with thunder storms.

GENERAL COMMENTS:

SSHO conducted Air Quality Test on the Liberty. Conducted Fall Protection Inspection on board the Liberty.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 533
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 18 Aug 2018 - Saturday	

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

2 loads completed today: 22,011 CY

309 loads pumped on Ship Island to date: 3,226,923 CY

120 loads dug in Horn Island Pass Borrow Area to date: 1,211,081 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Five Delays Today:

282min - Replace dredge pump packing

173min - Troubleshoot bow thruster automation

158min - Wait on Liberty Island (Two delays)

18min - Troubleshoot CPP automation

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed strains/sprains, hand injuries and daily job tasks.

JSA DISCUSSIONS:

Liberty - Welding; Crane Lifts; Working in Hot Weather; Crew Boat Personnel Transfer; Using Incinerator; Inspect and Clean out Discharge Box; Cleaning Drag heads; Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Observed crew hooking up and letting go of the cube. Crew worked well together and Drag-tender communicated well with the new Mate.

SITE CONDITIONS & HOUSEKEEPING:

60% chance of rain today and into the night. A daytime high of 86° and a real feel temperature of 99° (moderate-high risk).

Forecast for tomorrow is a high of 87° and real feel of 99° (moderate risk). Partly cloudy with a 40% chance of rain with thunder storms.

GENERAL COMMENTS:

SSHO conducted Air Quality Test on the Liberty. Conducted Fall Protection Inspection on board the Liberty.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 534
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Aug 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

2 loads completed today: 22,088 CY

311 loads pumped on Ship Island to date: 3,249,011 CY

122 loads dug in Horn Island Pass Borrow Area to date: 1,233,169 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Five Delays Today:

158min - Wait on Liberty Island (Three delays)

39min - Troubleshoot dredge engines

35min - Flush hopper

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed working in hot weather/hydration and daily job tasks.

JSA DISCUSSIONS:

Liberty - Welding; Working in Hot Weather; Crew Boat Personnel Transfer; Install Draghead Pressure Sensors; Using Incinerator; Inspect and Clean out Discharge Box; Cleaning Drag heads; Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Observed crews conducting engine room maintenance and repairs. Crew had and followed a JSA for the task.

SITE CONDITIONS & HOUSEKEEPING:

A daytime high of 87° and a real feel temperature of 99° (moderate-high risk). 60% chance of rain today.

Forecast for tomorrow is a high of 87° and real feel of 99° (moderate risk). Partly cloudy with a 50% chance of rain with thunder storms.

GENERAL COMMENTS:

SSHO conducted Air Quality Test on the Liberty. Completed Fall Protection Inspection on board the Liberty Island. Conducted Fall Protection training on board the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 534		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Aug 2018 - Sunday		
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 16,066	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,146,986	
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>				
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>83 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
GAGE LOCATION		Pascagoula Range Marker							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay			75 °F / 88 °F		10		18	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			11	27					
AFT			11	27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:		00:00	02:17	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:		00:00	00:29	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	05:54	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				CONNECTING:		00:00	00:27	0.0	
GALLONS OF FUEL OIL CONSUMED				DUMPING:		00:00	05:02	0.0	
GALLONS OF WATER CONSUMED				DISCONNECTING:		00:00	00:25	0.0	
				TO CUT:		00:00	05:12	0.0	
				TOTALS:		00:00	19:46	0.0	
				NON-EFFECTIVE WORKING TIME:					
				TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:		00:00	01:48	0.0	
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	02:26	0.0	
				TOTALS:		00:00	04:14	0.0	
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
				CESSATION:		00:00	00:00	0.0	
				COLLISIONS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:00	0.0	
				TOTAL TIME/MILES:		00:00	24:00	0.0	
WORK PERFORMED									
DREDGING AND HAULING			AGITATING						
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS						
3	16,066	Ship Island	0						
ATTENDANT PLANT									
ITEM	NAME OR NUMBER	H.P.	HOURS						

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 534
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 19 Aug 2018 - Sunday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

3 loads pumped on Ship Island today: 16,066 CY

238 loads pumped on Ship Island to date: 1,159,910 CY

238 loads dug in Horn Island Pass Borrow Area to date: 1,159,910 CY

Four Delays Today:

115min - Wait on Ellis Island

108min - Repairs to exhaust leak on port turbo

28min - Wait on booster

3min - Prob seized while connecting

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed working in hot weather/hydration and daily job tasks.

JSA DISCUSSIONS:

Liberty - Welding; Working in Hot Weather; Crew Boat Personnel Transfer; Install Draghead Pressure Sensors; Using Incinerator; Inspect and Clean out Discharge Box; Cleaning Drag heads; Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Observed crews conducting engine room maintenance and repairs. Crew had and followed a JSA for the task.

SITE CONDITIONS & HOUSEKEEPING:

A daytime high of 87° and a real feel temperature of 99° (moderate-high risk). 60% chance of rain today.

Forecast for tomorrow is a high of 87° and real feel of 99° (moderate risk). Partly cloudy with a 50% chance of rain with thunder storms.

GENERAL COMMENTS:

SSHO conducted Air Quality Test on the Liberty. Completed Fall Protection Inspection on board the Liberty Island. Conducted Fall Protection training on board the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 535			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Aug 2018 - Monday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 33,270	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,282,281		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 89 °F		10		14		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	03:22	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:23	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	03:31	0.0		
			1		CONNECTING:	00:00	00:36	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	07:20	0.0		
			0		DISCONNECTING:	00:00	00:26	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:32	0.0		
			4,121		TOTALS:	00:00	20:10	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			150		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	33,270	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	02:52	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:58	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	03:50	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 535
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Aug 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

3 loads completed today: 33,270 CY

314 loads pumped on Ship Island to date: 3,282,281 CY

125 loads dug in Horn Island Pass Borrow Area to date: 1,266,439 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Two Delays Today:

172min - Troubleshoot bow thruster

58min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed todays weather and daily job tasks.

JSA DISCUSSIONS:

Bull Gang - Welding; Working in Hot Weather; Crane Lifting; House Keeping.

SITE CONDITIONS & HOUSEKEEPING:

A daytime high of 88° and a real feel temperature of 100° (moderate-high risk). Mostly Cloudy 60% chance of rain and thunder storms.

Forecast for tomorrow is a high of 89° and real feel of 101° (moderate risk). Partly cloudy with a 60% chance of rain with thunder storms.

GENERAL COMMENTS:

Entered all weekly inspections into NS5. SSHO also conducted other administration duties.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 711 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 535
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 Aug 2018 - Monday

GENERAL COMMENTS

The Liberty Island resumed digging HIP 2 and pumping West on subline #1 after being at dock to receive fuel and repairs.

1 load pumped on Ship Island today: 6,061 CY

239 loads pumped on Ship Island to date: 1,164,971 CY

239 loads dug in Horn Island Pass Borrow Area to date: 1,164,971 CY

Five Delays Today:

505min - Repairs while at dock

353min - Taking on fuel

336min - Sail to dock

72min - Flush hopper in preparation for dock

64min - Sail from dock

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed today's weather and daily job tasks.

JSA DISCUSSIONS:

Bull Gang - Welding; Working in Hot Weather; Crane Lifting; House Keeping.

SITE CONDITIONS & HOUSEKEEPING:

A daytime high of 88° and a real feel temperature of 100° (moderate-high risk). Mostly Cloudy 60% chance of rain and thunder storms.

Forecast for tomorrow is a high of 89° and real feel of 101° (moderate risk). Partly cloudy with a 60% chance of rain with thunder storms.

GENERAL COMMENTS:

Entered all weekly inspections into NS5. SSSHO also conducted other administration duties.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 536
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Aug 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping westward on subline #1.

1 load completed today: 11,079 CY

315 loads pumped on Ship Island to date: 3,293,360 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

189 loads dug in OCS West Borrow Area to date: 2,015,842 CY

Five Delays Today:

651min - Troubleshoot Vosta System (Two delays)

160min - Sail to OCS West from pumpout

40min - Sail from HIP3 to OCS West

26min - Dredge pumps clutched out

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, hot work, working in hot weather, operating heavy equipment and forklift, mechanical duties

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Observed the Welder utilizing safe work practices and wearing all required PPE while performing Hot Work. Permit was filled out as well.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain showers. Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 90° and real feel of 99°(moderate-high risk). 0% chance of rain.

GENERAL COMMENTS:

SSHO corrected and signed off 5 open issues on the FB 1002 and AB 118. Attended monthly SSHO conference call.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 536
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Aug 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	20,280	1,173,327
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	80 °F / 91 °F	12	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	02:44	0.0
				TURNING:	00:00	01:22	0.0
				TO DUMP:	00:00	08:24	0.0
				CONNECTING:	00:00	01:02	0.0
				DUMPING:	00:00	04:04	0.0
				DISCONNECTING:	00:00	00:32	0.0
				TO CUT:	00:00	05:39	0.0
				TOTALS:	00:00	23:47	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:13	0.0
				TOTALS:	00:00	00:13	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	20,280	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 715 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 536
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 Aug 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,280 CY

243 loads pumped on Ship Island to date: 1,184,251 CY

243 loads dug in Horn Island Pass Borrow Area to date: 1,184,251 CY

Three Delays Today:

13min - Probe seized while connecting (Three delays)

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted followed by SHAKE exercises.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, hot work, working in hot weather, operating heavy equipment and forklift, mechanical duties

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Observed the Welder utilizing safe work practices and wearing all required PPE while performing Hot Work. Permit was filled out as well.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain showers. Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: high of 90° and real feel of 99°(moderate-high risk). 0% chance of rain.

GENERAL COMMENTS:

SSHO corrected and signed off 5 open issues on the FB 1002 and AB 118. Attended monthly SSHO conference call.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 717 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 537
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Aug 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,357 CY

247 loads pumped on Ship Island to date: 1,203,608 CY

247 loads dug in Horn Island Pass Borrow Area to date: 1,203,608 CY

Three Delays Today:

113min - Wait on booster repairs for gland seal piping leak

36min - Wait on Ellis Island

1min - Prob siezed during pumpout

SAFETY

JSA DISCUSSIONS:

Mackie/Ellis: connecting/disconnecting to the cube, inspecting/cleaning drag heads, hot work, using the incinerator

Wadmalaw: Receiving/transferring fuel, housekeeping

BEHAVIORAL OBSERVATIONS:

Crews safely loading stores and offloading gear on the Liberty Island. Good communication/use of hand signals between crane operator, signalman and crew boat personnel.

Crews safely loading equipment/gear onto the Ellis Island. Once again, good communication/use of hand signals between crane operator, signalman and crew boat personnel.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: high of 90° and real feel of 100°(moderate-high risk). 0% chance of rain.

GENERAL COMMENTS:

SSHO set up the Emma Kate Captain with DSR access and provided training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 537
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Aug 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,593	3,314,953
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 89 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30	EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	03:01	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:26	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	06:34	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:46	0.0
			1	DUMPING:	00:00	06:45	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:18	0.0
			0	TO CUT:	00:00	03:58	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:48	0.0
			3,068	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			250	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
2	21,593	Ship Island	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:16	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS		00:00	01:56	0.0
				TOTALS:	00:00	02:12	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 537
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 22 Aug 2018 - Wednesday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 21,593 CY
317 loads pumped on Ship Island to date: 3,314,953 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
191 loads dug in OCS West Borrow Area to date: 2,037,435 CY

Six Delays Today:

- 53min - Wait on Liberty Island
- 30min - Flush hopper
- 22min - Go on water during pumpout
- 11min - Crew Change
- 10min - Wait on jet pumps
- 6min - Wait on dredge pumps

SAFETY

JSA DISCUSSIONS:

Mackie/Ellis: connecting/disconnecting to the cube, inspecting/cleaning drag heads, hot work, using the incinerator
Wadmalaw: Receiving/transferring fuel, housekeeping

BEHAVIORAL OBSERVATIONS:

Crews safely loading stores and offloading gear on the Liberty Island. Good communication/use of hand signals between crane operator, signalman and crew boat personnel.
Crews safely loading equipment/gear onto the Ellis Island. Once again, good communication/use of hand signals between crane operator, signalman and crew boat personnel.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 99°(moderate-high risk).
Tomorrow: high of 90° and real feel of 100°(moderate-high risk). 0% chance of rain.

GENERAL COMMENTS:

SSHO set up the Emma Kate Captain with DSR access and provided training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 538
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Aug 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	20,515	1,214,199
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 88 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT				EFFECTIVE WORKING TIME:			
		11	27	PUMPING:	00:00	03:31	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:49	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	06:27	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:23	0.0
			1	DUMPING:	00:00	03:49	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:28	0.0
			0	TO CUT:	00:00	06:16	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:43	0.0
			7,537	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,100	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	20,515	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	02:17	0.0
				TOTALS:	00:00	02:17	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 538
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 Aug 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,515 CY

251 loads pumped on Ship Island to date: 1,223,123 CY

251 loads dug in Horn Island Pass Borrow Area to date: 1,223,123 CY

Two Delays Today:

127min - Wait on Ellis Island

10min - Crew boat transfer

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 101°(moderate-high risk).

Tomorrow: high of 90° and real feel of 99°(moderate-high risk). 10% chance of rain.

GENERAL COMMENTS:

Attended weekly project meeting. Conducted MARPOL Annex-5 training in the office. Worked on rigging certification issues and also worked on setting up ear impressions for the Mackie crews.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 722 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 538
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Aug 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,753	3,336,706
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1870
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 88 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	02:42	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:16	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	04:24	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:30	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,740	DUMPING:	00:00	05:26	0.0
GALLONS OF WATER CONSUMED		GAL	250	DISCONNECTING:	00:00	00:28	0.0
WORK PERFORMED				TO CUT:	00:00	04:04	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	17:50	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	21,753	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	04:41	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	01:29	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	06:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 538
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 23 Aug 2018 - Thursday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 21,753 CY
319 loads pumped on Ship Island to date: 3,336,706 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
193 loads dug in OCS West Borrow Area to date: 2,059,706 CY

Five Delays Today:

- 167min - Bottom dump door opened
- 80min - Troubleshoot barge hydraulic system
- 51min - Flush collection lines
- 38min - Wait on Liberty Island
- 34min - Repack jet pump

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 101°(moderate-high risk).
Tomorrow: high of 90° and real feel of 99°(moderate-high risk). 10% chance of rain.

GENERAL COMMENTS:

Attended weekly project meeting. Conducted MARPOL Annex-5 training in the office. Worked on rigging certification issues and also worked on setting up ear impressions for the Mackie crews.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 539
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Aug 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	15,493	1,229,692
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	71 °F / 88 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	02:57	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:54	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	06:53	0.0
			1	CONNECTING:	00:00	00:51	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	03:33	0.0
			0	DISCONNECTING:	00:00	00:40	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:36	0.0
			7,605	TOTALS:	00:00	21:24	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	15,493	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	02:36	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	02:36	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 539
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 24 Aug 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

3 loads pumped on Ship Island today: 15,493 CY

254 loads pumped on Ship Island to date: 1,237,616 CY

254 loads dug in Horn Island Pass Borrow Area to date: 1,237,616 CY

Two Delays Today:

137min - Wait on Ellis Island

19min - Probe caused gasket to fall out of place during connection

SAFETY

PRE-SHIFT MEETING:

Mobro 1706; Deck Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706; crane lifting, housekeeping, working in hot weather

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews conducted multiple lifts while clearing the deck of the AB 113. Good communication between the crane operator, deckhands and tug boat personnel throughout the lifts.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: high of 89° and real feel of 101°(moderate-high risk). 55% chance of rain.

GENERAL COMMENTS:

Conducted MARPOL Annex-5 training with the Bullgang. Conducted a Predictive Solutions inspection on the Mobro 1706 with one issue added to PS. Conducted JSA audit. Attended MOB conference call.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 539					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Aug 2018 - Friday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 16,826	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,353,532				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	<u>0</u>	TIME	<u>00:00</u>	MAX	<u>1</u>	TIME	<u>08:53</u>				
	MIN	<u>0</u>	TIME	<u>19:18</u>	MAX	<u>0</u>	TIME	<u>23:59</u>				
GAGE LOCATION		Pascagoula Range Marker										
GAGE DATUM		NAVD88										
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			71 °F / 88 °F		10		8				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:				00:00	03:02	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:				00:00	00:14	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:				00:00	04:27	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:				00:00	00:18	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	3,967	DUMPING:				00:00	07:12	0.0
GALLONS OF WATER CONSUMED				GAL	400	DISCONNECTING:				00:00	00:38	0.0
WORK PERFORMED					TO CUT:				00:00	06:06	0.0	
DREDGING AND HAULING			AGITATING		TOTALS:				00:00	21:57	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:							
2	16,826	Ship Island	0		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:				00:00	01:41	0.0	
					TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
					LAY TIME:				00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
					MISCELLANEOUS:				00:00	00:22	0.0	
					TOTALS:				00:00	02:03	0.0	
ATTENDANT PLANT					LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
					CESSATION:				00:00	00:00	0.0	
					COLLISIONS:				00:00	00:00	0.0	
					TOTALS:				00:00	00:00	0.0	
					TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 539
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Aug 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 16,826 CY
321 loads pumped on Ship Island to date: 3,353,532 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
195 loads dug in OCS West Borrow Area to date: 2,076,014 CY

Four Delays Today:

101min - Clearing collection line valves (Three delays)
22min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:
Mobro 1706; Deck Captain discussed job tasks for the day.

JSA DISCUSSIONS:
Mobro 1706; crane lifting, housekeeping, working in hot weather

BEHAVIORAL OBSERVATIONS:
Mobro 1706: Crews conducted multiple lifts while clearing the deck of the AB 113. Good communication between the crane operator, deckhands and tug boat personnel throughout the lifts.

SITE CONDITIONS & HOUSEKEEPING:
Today: Hot and humid with a high of 89° and a real feel temperature of 100°(moderate-high risk).
Tomorrow: high of 89° and real feel of 101°(moderate-high risk). 55% chance of rain.

GENERAL COMMENTS:
Conducted MARPOL Annex-5 training with the Bullgang. Conducted a Predictive Solutions inspection on the Mobro 1706 with one issue added to PS. Conducted JSA audit. Attended MOB conference call.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 540
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Aug 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	20,632	1,250,324
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 89 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	02:57	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:31	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:42	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	03:19	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	7,689	DISCONNECTING:	00:00	00:18	0.0
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	06:00	0.0
WORK PERFORMED				TOTALS:	00:00	21:13	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
4	20,632	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	02:47	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	02:47	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 540
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 Aug 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,632 CY

258 loads pumped on Ship Island to date: 1,257,248 CY

258 loads dug in Horn Island Pass Borrow Area to date: 1,257,248 CY

Two Delays Today:

137min - Wait on Ellis Island

19min - Probe caused gasket to fall out of place during connection

SAFETY

JSA DISCUSSIONS:

Mobro 1706; operating heavy equipment and forklift, housekeeping, working in hot weather, mechanical duties, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Welder performing housekeeping tasks. Welder performing hot work ensuring all tripping hazards were removed from the work area.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: high of 88° and real feel of 101°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Conducted Predictive Solutions inspection on the Mobro 1706 with one minor issue discovered and fixed on the spot. Conducted PS inspection on the AB 118.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 540
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Aug 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

3 loads completed today: 32,981 CY
 324 loads pumped on Ship Island to date: 3,386,513 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
 198 loads dug in OCS West Borrow Area to date: 2,108,995 CY

Five Delays Today:

- 83min - Flush collection lines
- 67min - Wait on Liberty Island (Two delays)
- 40min - Line flush
- 18min - Hose laying over subline

SAFETY

JSA DISCUSSIONS:

Mobro 1706; operating heavy equipment and forklift, housekeeping, working in hot weather, mechanical duties, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Welder performing housekeeping tasks. Welder performing hot work ensuring all tripping hazards were removed from the work area.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 100°(moderate-high risk).
 Tomorrow: high of 88° and real feel of 101°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Conducted Predictive Solutions inspection on the Mobro 1706 with one minor issue discovered and fixed on the spot. Conducted PS inspection on the AB 118.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 541
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Aug 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	20,476	1,270,800
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	77 °F / 86 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:06	0.0
				TURNING:	00:00	01:36	0.0
				TO DUMP:	00:00	07:31	0.0
				CONNECTING:	00:00	00:18	0.0
				DUMPING:	00:00	03:35	0.0
				DISCONNECTING:	00:00	00:22	0.0
				TO CUT:	00:00	06:36	0.0
				TOTALS:	00:00	23:04	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:55	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:01	0.0
				TOTALS:	00:00	00:56	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	20,476	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 541
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 Aug 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,476 CY

262 loads pumped on Ship Island to date: 1,276,724 CY

262 loads dug in Horn Island Pass Borrow Area to date: 1,276,724 CY

Four Delays Today:

30min - Repair oil leak in propulsion engine

20min - Repair crank case due to high temperature/pressure

5min - Replace fuel filters

1min - Switching valves

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. Also discussed PPE and weather.

JSA DISCUSSIONS:

Fill Site: moving equipment with forklift, pulling the drag bar, adding/breaking shore pipe, fueling equipment, working the light plant, building/maintaining dikes.

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators working safely with heavy equipment and ground personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain showers but otherwise hot and humid with a high of 88° and a real feel temperature of 101°(moderate-high risk).

Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 40% chance of rain.

Fill Site crews are doing a good job of maintaining house keeping throughout their respective work areas.

GENERAL COMMENTS:

Fill Site: SSHO conducted a safety walk around and Predictive Solutions inspection. One issue was added to the PS database.

Conducted safety orientation with new Captain on the Brooke Elizabeth.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 541
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Aug 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 21,942 CY

326 loads pumped on Ship Island to date: 3,408,455

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

200 loads dug in OCS West Borrow Area to date: 2,130,937 CY

One Delay Today:

76min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. Also discussed PPE and weather.

JSA DISCUSSIONS:

Fill Site: moving equipment with forklift, pulling the drag bar, adding/breaking shore pipe, fueling equipment, working the light plant, building/maintaining dikes.

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators working safely with heavy equipment and ground personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain showers but otherwise hot and humid with a high of 88° and a real feel temperature of 101°(moderate-high risk).

Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 40% chance of rain.

Fill Site crews are doing a good job of maintaining house keeping throughout their respective work areas.

GENERAL COMMENTS:

Fill Site: SSHO conducted a safety walk around and Predictive Solutions inspection. One issue was added to the PS database.

Conducted safety orientation with new Captain on the Brooke Elizabeth.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 542			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Aug 2018 - Monday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 15,611	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,286,411			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			77 °F / 89 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	02:22	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	01:01	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	03:46	0.0		
			1		CONNECTING:	00:00	00:41	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	03:26	0.0		
			0		DISCONNECTING:	00:00	00:23	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:52	0.0		
			6,242		TOTALS:	00:00	16:31	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,400		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	15,611	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	02:07	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	05:22	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	07:29	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 542
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 Aug 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

3 loads pumped on Ship Island today: 15,611 CY

265 loads pumped on Ship Island to date: 1,291,335 CY

265 loads dug in Horn Island Pass Borrow Area to date: 1,292,335 CY

Six Delays Today:

303min - wait on Ellis Island (Two delays)

85min - Repairs to STBD main engine due to high temps

42min - Repairs to crank case due to high pressures

19min - Wait on booster (Two delays)

SAFETY

PRE-SHIFT MEETING:Mackie/Ellis: Captain discussed job tasks for the day.

Liberty: Mate discussed daily operations and tasks. SSHO discussed respirator program and fit test.

JSA DISCUSSIONS:

Mackie/Ellis: hot work, connecting/disconnecting to the cube, inspecting/cleaning drag heads, housekeeping/sanitary, personnel transfer.

Liberty: Welding; Using Incinerator; Chipping and Grinding; Painting; Hooking up and letting go of the Cube; Cleaning Drag heads; Inspect and clean out discharge box; Working in hot weather; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews working safely while connecting/disconnecting to the cube. Crews doing a good job of ensuring safe personnel transfers.

Liberty: Housekeeping is being maintained and crews are wearing proper PPE.

Emma Kate: Captain and Deckhand ensuring personnel were performing safe vessel transfers during rough conditions.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 88° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 40% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: Worked with Chief to sign off one open issue. Conducted Safety walk around. Also conducted a Predictive Solutions inspection on the SCBA equipment and Crash Cart.

Entered weekly inspections into NS5. Conducted Project Checklist item #32 (Review SMS procedures).

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 542
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Aug 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,087	3,430,542
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 90 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	03:21	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:14	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	03:45	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:28	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	3,598	DUMPING:	00:00	08:46	0.0
GALLONS OF WATER CONSUMED		GAL	400	DISCONNECTING:	00:00	00:23	0.0
WORK PERFORMED				TO CUT:	00:00	03:53	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	20:50	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	22,087	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	01:13	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:57	0.0
				TOTALS:	00:00	03:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 542
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 27 Aug 2018 - Monday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 22,087 CY
 328 loads pumped on Ship Island to date: 3,430,542

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
 202 loads dug in OCS West Borrow Area to date: 2,153,024 CY

Five Delays Today:

- 102min - Wait on Liberty Island
- 52min - Generator engine repairs
- 17min - Hydraulic fluid leak
- 15min - Waiting for tug to realign hose
- 4min - Port pump lube oil

SAFETY

PRE-SHIFT MEETING:Mackie/Ellis: Captain discussed job tasks for the day.
 Liberty: Mate discussed daily operations and tasks. SSHO discussed respirator program and fit test.

JSA DISCUSSIONS:

Mackie/Ellis: hot work, connecting/disconnecting to the cube, inspecting/cleaning drag heads, housekeeping/sanitary, personnel transfer.

Liberty: Welding; Using Incinerator; Chipping and Grinding; Painting; Hooking up and letting go of the Cube; Cleaning Drag heads; Inspect and clean out discharge box; Working in hot weather; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews working safely while connecting/disconnecting to the cube. Crews doing a good job of ensuring safe personnel transfers.

Liberty: Housekeeping is being maintained and crews are wearing proper PPE.

Emma Kate: Captain and Deckhand ensuring personnel were performing safe vessel transfers during rough conditions.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 88° and a real feel temperature of 100°(moderate-high risk).
 Tomorrow: high of 88° and real feel of 100°(moderate-high risk). 40% chance of rain.
 Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: Worked with Chief to sign off one open issue. Conducted Safety walk around. Also conducted a Predictive Solutions inspection on the SCBA equipment and Crash Cart.
 Entered weekly inspections into NS5. Conducted Project Checklist item #32 (Review SMS procedures).

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 543
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 Aug 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

3 loads pumped on Ship Island today: 15,749 CY

268 loads pumped on Ship Island to date: 1,291,335 CY

268 loads dug in Horn Island Pass Borrow Area to date: 1,306,084 CY

Five Delays Today:

72min - Fill site line flush (Two delays)

57min - Repairs to main engine/propulsion

44min - Wait on Ellis Island

39min - Pump maintenance

SAFETY

PRE-SHIFT MEETING:Mackie/Ellis: Captain discussed job tasks for the day.Liberty: Mate discussed daily tasks and stressed hydration.

JSA DISCUSSIONS:

Liberty: Engine Room Maintenance, welding, replace and clean out discharge box, cleaning drag heads, hooking up and letting go of the cube, crew boat personnel transfer, working in hot weather, painting, chipping and grinding.

BEHAVIORAL OBSERVATIONS:

Liberty: Engineers conducting engine room maintenance. JSA brief was conducted prior to the job task and the crew was working in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered thunderstorms, hot and humid with a high of 88° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: high of 87° and real feel of 99°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO scanned and entered weekly inspections for AB 113, AB 118, ACB8 and ACB9 into NS5. Completed OSHA Academy course.

Liberty: Conducted MARPOL and JSA training. Conducted PS inspection and signed off one open issue. Conducted 2 JSA Audits.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 543
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 28 Aug 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	33,131	3,463,673
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	79 °F / 88 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT				EFFECTIVE WORKING TIME:			
	13	30		PUMPING:	00:00	04:00	0.0
				TURNING:	00:00	00:13	0.0
				TO DUMP:	00:00	04:54	0.0
				CONNECTING:	00:00	00:32	0.0
				DUMPING:	00:00	06:05	0.0
				DISCONNECTING:	00:00	00:36	0.0
				TO CUT:	00:00	06:13	0.0
				TOTALS:	00:00	22:33	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:07	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:20	0.0
				TOTALS:	00:00	01:27	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
3	33,131	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 543
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Aug 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

3 loads completed today: 33,131 CY

331 loads pumped on Ship Island to date: 3,463,673

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

205 loads dug in OCS West Borrow Area to date: 2,186,155 CY

Two Delays Today:

80min - Wait on Liberty Island

7min - Hydraulic repairs

SAFETY

PRE-SHIFT MEETING:Mackie/Ellis: Captain discussed job tasks for the day.Liberty: Mate discussed daily tasks and stressed hydration.

JSA DISCUSSIONS:

Liberty: Engine Room Maintenance, welding, replace and clean out discharge box, cleaning drag heads, hooking up and letting go of the cube, crew boat personnel transfer, working in hot weather, painting, chipping and grinding.

BEHAVIORAL OBSERVATIONS:

Liberty: Engineers conducting engine room maintenance. JSA brief was conducted prior to the job task and the crew was working in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered thunderstorms, hot and humid with a high of 88° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: high of 87° and real feel of 99°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO scanned and entered weekly inspections for AB 113, AB 118, ACB8 and ACB9 into NS5. Completed OSHA Academy course.

Liberty: Conducted MARPOL and JSA training. Conducted PS inspection and signed off one open issue. Conducted 2 JSA Audits.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 544				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Aug 2018 - Wednesday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island	22,085	3,485,758				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		73 °F / 85 °F		10		10				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	04:03	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	06:05	0.0	
		1		CONNECTING:				00:00	00:46	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	07:12	0.0	
		0		DISCONNECTING:				00:00	00:20	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	04:06	0.0	
		3,280		TOTALS:				00:00	22:58	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
2	22,085	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	01:02	0.0	
				TOTALS:				00:00	01:02	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 544
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 29 Aug 2018 - Wednesday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 22,085 CY

333 loads pumped on Ship Island to date: 3,485,758

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

207 loads dug in OCS West Borrow Area to date: 2,208,240 CY

One Delay Today:

62min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day.

Mobro 1706: Mate discussed crane lift safety, weather and loading trucks along with daily tasks.

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary, grinding

Mobro 1706: Working in hot weather; Crane Lifts; Loading trucks; Working with hand tools; Working with heavy equipment and forklifts.

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew utilizing safe work practices and wearing all required PPE while grinding and sanding.

Mobro 1706: Crew safely performed multiple crane lifts while loading trucks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered thunderstorms, hot and humid with a high of 87° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: high of 87° and real feel of 98°(moderate-high risk). 60% chance of rain.

Wadmalaw crews are doing a great job of maintaining housekeeping throughout the Booster.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted a safety walk around with no issues discovered. Conducted MARPOL annex 5 - Garbage training with crew. Chief developed and implemented a Garbage Record Book.

Conducted New Hire Safety Orientation.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 544		
CHARACTER OF REPORT		<input checked="checked" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 29 Aug 2018 - Wednesday		
DREDGE (Liberty Island)	HOPPER CAP: 5,000 CY		AVG VOL OF BIN WATER: 10,950 CY		AVG UNFILLED CAP: 4,385 CY			
	NO. OF CREW MEMBERS	DREDGE 17	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7		
LOCATION OF WORK	LOCATION CHANNEL HIP 1		REACH DREDGED; STA TO STA HIP 1		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,908	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,323,068	
	AVG LENGTH OF CUT 4,771 FT		AVG WIDTH OF CUT 1,602 FT		AVG DIST TO DUMP 35 NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER 1850			
	DENSITY OF WATER				GMS/LITER@ 83 °F			
RIVER/TIDE STAGE	MIN 0	TIME 00:00	MAX 1	TIME 08:53	GAGE LOCATION Pascagoula Range Marker			
	MIN 0	TIME 19:18	MAX 0	TIME 23:59	GAGE DATUM NAVD88			
WEATHER CONDITION	WEATHER Weather Caused No Delay		TEMP (min / max) 75 °F / 88 °F	VISIBILITY 10	WIND 13			
	DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11		27		EFFECTIVE WORKING TIME:			
AFT	11		27		PUMPING:	00:00	03:56	0.0
	11		27		TURNING:	00:00	00:51	0.0
DRAG DEPTH MAX 35 MIN 35				TO DUMP:	00:00	06:20	0.0	
INDICATORS LAST CHECKED ON 05/14/2018				CONNECTING:	00:00	00:25	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	DUMPING:	00:00	03:08	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:20	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:21	0.0	
GALLONS OF WATER CONSUMED			GAL	TOTALS:	00:00	20:21	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:				
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:				
4	20,908	Ship Island	0	TRANSFERRING BETWEEN WORKS:				
				LAY TIME:				
				FIRE AND BOAT DRILLS:				
				MISCELLANEOUS:				
				TOTALS:				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:				
				CESSATION:				
				COLLISIONS:				
				TOTALS:				
				TOTAL TIME/MILES:				

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 544
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 29 Aug 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,908 CY

272 loads pumped on Ship Island to date: 1,325,992 CY

272 loads dug in Horn Island Pass Borrow Area to date: 1,325,992 CY

Three Delays Today:

- 184min - Wait on Ellis Island
- 18min - Crew boat transfer
- 17min - Working in area of tail shaft

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day.
 Mobro 1706: Mate discussed crane lift safety, weather and loading trucks along with daily tasks.

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary, grinding
 Mobro 1706: Working in hot weather; Crane Lifts; Loading trucks; Working with hand tools; Working with heavy equipment and forklifts.

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew utilizing safe work practices and wearing all required PPE while grinding and sanding.
 Mobro 1706: Crew safely performed multiple crane lifts while loading trucks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered thunderstorms, hot and humid with a high of 87° and a real feel temperature of 99°(moderate-high risk).
 Tomorrow: high of 87° and real feel of 98°(moderate-high risk). 60% chance of rain.
 Wadmalaw crews are doing a great job of maintaining housekeeping throughout the Booster.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted a safety walk around with no issues discovered. Conducted MARPOL annex 5 - Garbage training with crew. Chief developed and implemented a Garbage Record Book.
 Conducted New Hire Safety Orientation.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 545
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Aug 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	10,471	1,333,539
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 84 °F	10	14

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				
AFT		11	27	EFFECTIVE WORKING TIME:		
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>			PUMPING:	00:00	01:33	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			TURNING:	00:00	00:14	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			TO DUMP:	00:00	03:11	0.0
			CONNECTING:	00:00	00:23	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			DUMPING:	00:00	02:06	0.0
			DISCONNECTING:	00:00	00:13	0.0
GALLONS OF FUEL OIL CONSUMED			TO CUT:	00:00	03:05	0.0
			TOTALS:	00:00	10:45	0.0
GALLONS OF WATER CONSUMED			NON-EFFECTIVE WORKING TIME:			
			TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
WORK PERFORMED			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	01:25
2	10,471	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
ATTENDANT PLANT			MISCELLANEOUS:	00:00	11:50	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	13:15
				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 545
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 Aug 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

2 loads pumped on Ship Island today: 10,471 CY
 274 loads pumped on Ship Island to date: 1,335,463 CY

274 loads dug in Horn Island Pass Borrow Area to date: 1,335,463 CY

Five Delays Today:

- 684min - Wait for booster repairs (Two delays)
- 85min - Trunion stuck in water, repairs to trunion hoist
- 26min - Fill site line flush (Two delays)

SAFETY

BEHAVIORAL OBSERVATIONS:

Fuel Barge 1002: Tankerman performing walk around inspection and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered thunderstorms, hot and humid with a high of 87° and a real feel temperature of 98°(moderate-high risk).
 Tomorrow: high of 85° and real feel of 95°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO Conducted a safety walk around on the Fuel Barge 1002 with no issues discovered. Worked with the Tankerman to sign off 2 of the open issues on the FB 1002. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 545
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Aug 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	11,149	3,496,907
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 91 °F	10	9

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30	EFFECTIVE WORKING TIME:				
AFT			PUMPING:	00:00	02:29	0.0	
	13	30	TURNING:	00:00	00:26	0.0	
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TO DUMP:	00:00	00:45	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	01:24	0.0	
		1	DISCONNECTING:	00:00	00:12	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	02:06	0.0	
		0	TOTALS:	00:00	07:22	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:				
		1,757	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
		500	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
DREDGING AND HAULING			MINOR OPERATING REPAIRS:	00:00	02:36	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
1	11,149	Ship Island	0	LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	14:02	0.0
ATTENDANT PLANT			TOTALS:	00:00	16:38	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 545
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 30 Aug 2018 - Thursday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

1 load completed today: 11,149 CY
334 loads pumped on Ship Island to date: 3,496,907 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
208 loads dug in OCS West Borrow Area to date: 2,219,389 CY

Four Delays Today:

- 684min - At anchor for booster repairs
- 156min - #2 Bottom dump door not closing
- 115min - Wait on Liberty Island
- 43min - Flush line

SAFETY

BEHAVIORAL OBSERVATIONS:

Fuel Barge 1002: Tankerman performing walk around inspection and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered thunderstorms, hot and humid with a high of 87° and a real feel temperature of 98°(moderate-high risk).
Tomorrow: high of 85° and real feel of 95°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO Conducted a safety walk around on the Fuel Barge 1002 with no issues discovered. Worked with the Tankerman to sign off 2 of the open issues on the FB 1002. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 546
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Aug 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,398	3,519,305
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1870
	DENSITY OF WATER		GMS/LITER@	68 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 82 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	04:25	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	01:01	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	03:55	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:26	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DUMPING:	00:00	06:30	0.0
GALLONS OF WATER CONSUMED		GAL	500	DISCONNECTING:	00:00	00:19	0.0
WORK PERFORMED				TO CUT:	00:00	04:10	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	20:46	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	22,398	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:02	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	03:12	0.0
				TOTALS:	00:00	03:14	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 546
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 31 Aug 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 22,398 CY
336 loads pumped on Ship Island to date: 3,519,305 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
210 loads dug in OCS West Borrow Area to date: 2,241,787 CY

Five Delays Today:

- 88min - Wait on Liberty Island
- 75min - Satellite communications calibrations and velocity calibration
- 15min - Checking tug drafts
- 14min - No communication from booster
- 2min - Waiting on dredge pump

SAFETY

PRE_SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day and weather conditions.

JSA DISCUSSIONS:

Mackie/Ellis: inspecting/cleaning drag heads, hot work, personnel transfer. housekeeping/sanitary, using the incinerator, connecting/disconnecting to the cube, crane lifts

BEHAVIORAL OBSERVATIONS:

Crew boat Deckhand assisting personnel during vessel transfers in very rough seas. All personnel wearing required PPE and maintaining 3 points of contact.

SITE CONDITIONS & HOUSEKEEPING:

Today: Heavy thunderstorms and rough seas with a high of 85° and a real feel temperature of 94°(moderate risk).
Tomorrow: high of 84° and real feel of 86°(moderate risk). 60% chance of rain.
Mackie crews are doing a good job of maintaining housekeeping throughout the tug.

GENERAL COMMENTS:

SSHO conducted a safety walk around on the Mackie with no issues noted. Assisted Crane Operator with submitting a Good Catch.
Liberty Captain completed MARPOL Annex 5 - Garbage training with the crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 546
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Aug 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 1	REACH DREDGED; STA TO STA HIP 1	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 20,455	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,353,994
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 82 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	02:55	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:38	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:16	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:48	0.0
			1	DUMPING:	00:00	04:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:17	0.0
			0	TO CUT:	00:00	06:25	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	22:45	0.0
			7,768	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,100	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	20,455	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:08	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	01:07	0.0
				TOTALS:	00:00	01:15	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 546
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 31 Aug 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,455 CY
 278 loads pumped on Ship Island to date: 1,354,918 CY

278 loads dug in Horn Island Pass Borrow Area to date: 1,354,918 CY

Five Delays Today:

- 53min - Wait on fill site (Two delays)
- 11min - Wait on booster
- 8min - Changing out oil bucket near tail shaft
- 3min - Crew boat stores

SAFETY

PRE_SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day and weather conditions.

JSA DISCUSSIONS:

Mackie/Ellis: inspecting/cleaning drag heads, hot work, personnel transfer. housekeeping/sanitary, using the incinerator, connecting/disconnecting to the cube, crane lifts

BEHAVIORAL OBSERVATIONS:

Crew boat Deckhand assisting personnel during vessel transfers in very rough seas. All personnel wearing required PPE and maintaining 3 points of contact.

SITE CONDITIONS & HOUSEKEEPING:

Today: Heavy thunderstorms and rough seas with a high of 85° and a real feel temperature of 94°(moderate risk).
 Tomorrow: high of 84° and real feel of 86°(moderate risk). 60% chance of rain.
 Mackie crews are doing a good job of maintaining housekeeping throughout the tug.

GENERAL COMMENTS:

SSHO conducted a safety walk around on the Mackie with no issues noted. Assisted Crane Operator with submitting a Good Catch.
 Liberty Captain completed MARPOL Annex 5 - Garbage training with the crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 547					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Sep 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS West		OCS West		Ship Island	20,109	3,539,414					
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
		GAGE LOCATION		Pascagoula Range Marker								
		GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		75 °F / 84 °F		10		18					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	03:35	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:54	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	06:16	0.0		
		1		CONNECTING:				00:00	00:35	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	06:27	0.0		
		0		DISCONNECTING:				00:00	00:24	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	04:22	0.0		
		3,000		TOTALS:				00:00	22:33	0.0		
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:								
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0		
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0
2	20,109	Ship Island		0		MINOR OPERATING REPAIRS:				00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0		
				LAY TIME:				00:00	00:00	0.0		
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0		
				MISCELLANEOUS:				00:00	01:27	0.0		
				TOTALS:				00:00	01:27	0.0		
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
					CESSATION:				00:00	00:00	0.0	
					COLLISIONS:				00:00	00:00	0.0	
					TOTALS:				00:00	00:00	0.0	
					TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 547
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Sep 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 20,109 CY
338 loads pumped on Ship Island to date: 3,539,414 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
212 loads dug in OCS West Borrow Area to date: 2,261,896 CY

Two Delays Today:

87min - Wait on Liberty Island

SAFETY

BEHAVIORAL OBSERVATIONS:

Mobro crew conducting crane lifts in a safe manner. Tankerman conducting safety walk around on the fuel barge 1002 and inspecting paperwork.

SITE CONDITIONS & HOUSEKEEPING:

Today: Heavy rain and rough seas with a high of 85° and a real feel temperature of 89°(moderate risk).
Tomorrow: high of 85° and real feel of 95°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO worked with the Tankerman on organizing the fuel barge paperwork and assisted with writing a new Fueling JSA. Completed and submitted Fall Safety Challenge numbers.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 547
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 Sep 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	20,042	1,374,036
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	75 °F / 84 °F	10	18

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:34	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	01:26	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:52	0.0
			1	CONNECTING:	00:00	00:20	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:53	0.0
			0	DISCONNECTING:	00:00	00:32	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:47	0.0
			7,655	TOTALS:	00:00	23:24	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,200	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:12	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	20,042	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:24	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:36	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 547
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Sep 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

4 loads pumped on Ship Island today: 20,042 CY
 282 loads pumped on Ship Island to date: 1,373,960 CY

282 loads dug in Horn Island Pass Borrow Area to date: 1,373,960 CY

Four Delays Today:

- 20min - Increased sail due to repairs on main engine CPP
- 9min - Ballast down
- 4min - STBD CPP
- 3min - Ballast down for weather

SAFETY

BEHAVIORAL OBSERVATIONS:

Mobro crew conducting crane lifts in a safe manner. Tankerman conducting safety walk around on the fuel barge 1002 and inspecting paperwork.

SITE CONDITIONS & HOUSEKEEPING:

Today: Heavy rain and rough seas with a high of 85° and a real feel temperature of 89°(moderate risk).
 Tomorrow: high of 85° and real feel of 95°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO worked with the Tankerman on organizing the fuel barge paperwork and assisted with writing a new Fueling JSA. Completed and submitted Fall Safety Challenge numbers.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 761 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 548
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Sep 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1.

2 loads completed today: 21,366 CY
340 loads pumped on Ship Island to date: 3,560,780 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
214 loads dug in OCS West Borrow Area to date: 2,283,262 CY

Three Delays Today:

200min - Wait on Liberty Island (Two delays)
14min - Float hose over subline

SAFETY

PRE-SHIFT MEETING:
Mobro 1706: Deck Captain discussed job tasks for the day. SSHO discussed weather.

JSA DISCUSSIONS:
Mobro 1706: mechanical duties, crane lifts, operating heavy equipment, painting/cutting/grinding, hot work, cutting wood/metal using power saw

BEHAVIORAL OBSERVATIONS:
Mobro 1706: Crew conducting crane lifts in a safe manner. Good communication, proper use of tag lines and crews staying out from under suspended loads.

SITE CONDITIONS & HOUSEKEEPING:
Today: Scattered rain and humid with a high of 85° and a real feel temperature of 95°(moderate risk).
Tomorrow: high of 86° and real feel of 96°(moderate risk). 60% chance of rain.
Mobro crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:
Mobro 1706: SSHO conducted a safety walk around and monthly AED inspection. Assisted bull gang with writing a new JSA. Conducted a JSA audit.
Uploaded weekly inspections into NS5 for the AB 113, AB 118, ACB8, ACB9, and the Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 763 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 548
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 02 Sep 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 1 and pumping West on subline #1.

3 loads pumped on Ship Island today: 15,137 CY
 285 loads pumped on Ship Island to date: 1,388,433 CY

285 loads dug in Horn Island Pass Borrow Area to date: 1,388,433 CY

Four Delays Today:

- 76min - Troubleshoot gasket during disconnect
- 30min - Wait on Ellis Island
- 23min - Trouble disconnecting due to incliment weather (Two delays)

SAFETY

PRE-SHIFT MEETING:
 Mobro 1706: Deck Captain discussed job tasks for the day. SSHO discussed weather.

JSA DISCUSSIONS:
 Mobro 1706: mechanical duties, crane lifts, operating heavy equipment, painting/cutting/grinding, hot work, cutting wood/metal using power saw

BEHAVIORAL OBSERVATIONS:
 Mobro 1706: Crew conducting crane lifts in a safe manner. Good communication, proper use of tag lines and crews staying out from under suspended loads.

SITE CONDITIONS & HOUSEKEEPING:
 Today: Scattered rain and humid with a high of 85° and a real feel temperature of 95°(moderate risk).
 Tomorrow: high of 86° and real feel of 96°(moderate risk). 60% chance of rain.
 Mobro crews are doing a good job of maintaining housekeeping in their respective work areas.

GENERAL COMMENTS:
 Mobro 1706: SSHO conducted a safety walk around and monthly AED inspection. Assisted bull gang with writing a new JSA. Conducted a JSA audit.
 Uploaded weekly inspections into NS5 for the AB 113, AB 118, ACB8, ACB9, and the Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 549				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Sep 2018 - Monday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island	20,869	3,581,649				
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
GAGE LOCATION		Pascagoula Range Marker									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused Non-Critical Delay		75 °F / 87 °F		10		22				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	01:50	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:14	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	02:26	0.0	
		1		CONNECTING:				00:00	00:18	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	03:10	0.0	
		0		DISCONNECTING:				00:00	00:33	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	04:04	0.0	
		2,335		TOTALS:				00:00	12:35	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	01:58	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	08:16	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0
2	20,869	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	01:11	0.0	
				TOTALS:				00:00	11:25	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 549
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Sep 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping westward on subline #1. Dredge shut down operations ahead of Tropical Storm/Hurricane Gordon.

2 loads completed today: 20,869 CY
342 loads pumped on Ship Island to date: 3,581,649 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY
216 loads dug in OCS West Borrow Area to date: 2,304,131 CY

Three Delays Today:

496min - At dock for major weather event
118min - Sail to Port of Gulfport
71min - Fill site line flush for shutdown

SAFETY

BEHAVIORAL OBSERVATIONS:

Management implementing the Severe Weather Plan. Crews transporting heavy equipment and other items from offshore to the yard. Operator safely unloading heavy equipment from the barge to the yard. All personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain and humid with a high of 86° and a real feel temperature of 96°(moderate risk).
Tomorrow: ****Hurricane Warning**** Tropical storm - hurricane winds and heavy rain expected.

GENERAL COMMENTS:

SSHO conducted monthly AED inspections on the Ohio River and Emma Kate. Conducted Predictive Solutions inspection on the Ohio River with no new issues discovered.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 549
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 03 Sep 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	9,610	1,398,783
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	75 °F / 87 °F	10	22

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:37	0.0
				TURNING:	00:00	00:14	0.0
				TO DUMP:	00:00	01:54	0.0
				CONNECTING:	00:00	00:10	0.0
				DUMPING:	00:00	00:53	0.0
				DISCONNECTING:	00:00	00:06	0.0
				TO CUT:	00:00	01:53	0.0
				TOTALS:	00:00	05:47	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	01:50	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	16:10	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:13	0.0
				TOTALS:	00:00	18:13	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	9,610	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 549
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Sep 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping West on subline #1. Dredge shut down operations and sailed to Gulfport ahead of Tropical Storm/Hurricane Gordon.

2 loads pumped on Ship Island today: 9,610 CY
287 loads pumped on Ship Island to date: 1,398,043 CY

287 loads dug in Horn Island Pass Borrow Area to date: 1,398,043 CY

Three Delays Today:

- 970min - Shutdown for major weather event
- 110min - Sail to Port of Gulfport
- 13min - Increased disconnect time due to weather

SAFETY

BEHAVIORAL OBSERVATIONS:

Management implementing the Severe Weather Plan. Crews transporting heavy equipment and other items from offshore to the yard. Operator safely unloading heavy equipment from the barge to the yard. All personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain and humid with a high of 86° and a real feel temperature of 96°(moderate risk).
Tomorrow: ****Hurricane Warning**** Tropical storm - hurricane winds and heavy rain expected.

GENERAL COMMENTS:

SSHO conducted monthly AED inspections on the Ohio River and Emma Kate. Conducted Predictive Solutions inspection on the Ohio River with no new issues discovered.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 550
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Sep 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,581,649
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	73 °F / 86 °F	10	25

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	0	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	0	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 550
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 Sep 2018 - Tuesday

GENERAL COMMENTS

The Ellis docked in Gulport all day due to Tropical Storm Gordon.

342 loads pumped on Ship Island to date: 3,581,649 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

216 loads dug in OCS West Borrow Area to date: 2,304,131 CY

SAFETY

BEHAVIORAL OBSERVATIONS:

Management implementing the Severe Weather Plan. Crews staging equipment at the heavy lift yard.

SITE CONDITIONS & HOUSEKEEPING:

Today: ****Hurricane Warning**** Tropical storm - hurricane winds and heavy rain expected.

Tomorrow: Scattered rain and humid with a high of 84° and a real feel temperature of 89°(moderate risk). 70% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 550
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Sep 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,398,783
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	75 °F / 87 °F	10	25

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				

AFT	11	27	EFFECTIVE WORKING TIME:			
			PUMPING:	00:00	00:00	0.0
			TURNING:	00:00	00:00	0.0
			TO DUMP:	00:00	00:00	0.0

DRAG DEPTH	MAX	<u>35</u>	MIN	<u>35</u>		CONNECTING:	00:00	00:00	0.0
						DUMPING:	00:00	00:00	0.0
						DISCONNECTING:	00:00	00:00	0.0
						TO CUT:	00:00	00:00	0.0
						TOTALS:	00:00	00:00	0.0

INDICATORS LAST CHECKED ON	<u>05/14/2018</u>	AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		NON-EFFECTIVE WORKING TIME:			
				1		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

GALLONS OF FUEL OIL CONSUMED		GAL		GALLONS OF WATER CONSUMED		GAL		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
		0				0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
WORK PERFORMED											
DREDGING AND HAULING				AGITATING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS								

ATTENDANT PLANT											
ITEM	NAME OR NUMBER	H.P.	HOURS								

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 550
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Sep 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island docked in Gulfport all day due to Tropical Storm Gordon.

287 loads pumped on Ship Island to date: 1,398,043 CY

287 loads dug in Horn Island Pass Borrow Area to date: 1,398,043 CY

SAFETY

BEHAVIORAL OBSERVATIONS:

Management implementing the Severe Weather Plan. Crews staging equipment at the heavy lift yard.

SITE CONDITIONS & HOUSEKEEPING:

Today: ****Hurricane Warning**** Tropical storm - hurricane winds and heavy rain expected.

Tomorrow: Scattered rain and humid with a high of 84° and a real feel temperature of 89°(moderate risk). 70% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 551
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Sep 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 2	REACH DREDGED; STA TO STA HIP 2	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,398,783
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	75 °F / 87 °F	10	25

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				

AFT	11	27	EFFECTIVE WORKING TIME:			
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DRAG DEPTH MAX <u>35</u> MIN <u>35</u>			PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	TO DUMP:	00:00	00:00	0.0
		1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DUMPING:	00:00	00:00	0.0
		0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TO CUT:	00:00	00:00	0.0
		0	TOTALS:	00:00	00:00	0.0

GALLONS OF WATER CONSUMED		GAL	0	NON-EFFECTIVE WORKING TIME:		
		0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 551
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 05 Sep 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island docked in Gulfport all day due to Tropical Storm Gordon.

287 loads pumped on Ship Island to date: 1,398,043 CY

287 loads dug in Horn Island Pass Borrow Area to date: 1,398,043 CY

SAFETY

JSA DISCUSSIONS:

Mackie/Ellis: Painting, hot work, crane lifts, grinding and wire wheeling, working aloft

Mobro 1706: crane lifting, operating heavy equipment and forklift, moving barges

BEHAVIORAL OBSERVATIONS:

Crews working together to get all equipment staged to move back to the island. Operators utilizing heavy equipment safety and all personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain and humid with a high of 84° and a real feel temperature of 92°(moderate risk).

Tomorrow: High of 86° and a real feel temperature of 94°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO corrected and signed off 2 open issues on the Fuel Barge 1002. Worked with dredge Captain to sign off 2 open issues on the Mackie as well. Completed and submitted paperwork for the first aid incident that occurred on the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 551
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Sep 2018 - Wednesday

GENERAL COMMENTS

The Ellis docked in Gulport all day due to Tropical Storm Gordon.

342 loads pumped on Ship Island to date: 3,581,649 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

216 loads dug in OCS West Borrow Area to date: 2,304,131 CY

SAFETY

JSA DISCUSSIONS:

Mackie/Ellis: Painting, hot work, crane lifts, grinding and wire wheeling, working aloft

Mobro 1706: crane lifting, operating heavy equipment and forklift, moving barges

BEHAVIORAL OBSERVATIONS:

Crews working together to get all equipment staged to move back to the island. Operators utilizing heavy equipment safety and all personnel observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered rain and humid with a high of 84° and a real feel temperature of 92°(moderate risk).

Tomorrow: High of 86° and a real feel temperature of 94°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO corrected and signed off 2 open issues on the Fuel Barge 1002. Worked with dredge Captain to sign off 2 open issues on the Mackie as well. Completed and submitted paperwork for the first aid incident that occurred on the Liberty Island.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 552
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Sep 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,581,649
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	73 °F / 86 °F	10	25

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			0	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 552
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Sep 2018 - Thursday

GENERAL COMMENTS

The Ellis docked in Gulport all day due to Tropical Storm Gordon. Dredge broke dock at 23:00 and began sailing back to OCS West.

342 loads pumped on Ship Island to date: 3,581,649 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

216 loads dug in OCS West Borrow Area to date: 2,304,131 CY

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 55% chance of scattered rain and humid with a high of 85° and a real feel temperature of 97°(moderate risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO attended weekly project meeting and conducted administration work in the office.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 778 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 552
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Sep 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,398,783
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	75 °F / 87 °F	10	25

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				

AFT	11	27	EFFECTIVE WORKING TIME:			
			PUMPING:	00:00	00:00	0.0
			TURNING:	00:00	00:00	0.0
			TO DUMP:	00:00	00:00	0.0

DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>	CONNECTING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>		DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0
		1	TO CUT:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TOTALS:	00:00	00:00	0.0
		0				

GALLONS OF FUEL OIL CONSUMED		GAL	0	NON-EFFECTIVE WORKING TIME:		
GALLONS OF WATER CONSUMED		GAL	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 552
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Sep 2018 - Thursday

GENERAL COMMENTS

The Liberty Island docked in Gulfport all day due to Tropical Storm Gordon.

287 loads pumped on Ship Island to date: 1,398,043 CY

287 loads dug in Horn Island Pass Borrow Area to date: 1,398,043 CY

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 55% chance of scattered rain and humid with a high of 85° and a real feel temperature of 97°(moderate risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO attended weekly project meeting and conducted administration work in the office.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 780 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 553						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Sep 2018 - Friday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 2	HIP 2		Ship Island	9,413	1,408,196						
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>								
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>								
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker		
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88		
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused Non-Critical Delay		74 °F / 87 °F		10		12					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11		27							
AFT						27							
		11											
DRAG DEPTH		MAX <u>35</u> MIN <u>35</u>											
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		5,303							
GALLONS OF WATER CONSUMED				GAL		2,000							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
2	9,413	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		03:49		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:31		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		07:32		0.0	
						TOTALS:		00:00		11:52		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 553
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Sep 2018 - Friday

GENERAL COMMENTS

The Liberty Island sailed back to HIP 2 today and resumed operations.

2 loads pumped on Ship Island today: 9,413 CY

289 loads pumped on Ship Island to date: 1,407,456 CY

289 loads dug in Horn Island Pass Borrow Area to date: 1,407,456 CY

Four Delays Today:

- 452min - Repairs to booster pipe
- 229min - Sail from Gulfport to HIP 2
- 16min - Dredge pump
- 15min - Main engine/propulsion

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed daily operations. Also conducted fire drills and life boat drills along with WTB.

JSA DISCUSSIONS:

Liberty - Inspect diagram; Cleaning drag heads; Hooking up and letting go of the cube; Painting; Working in hot weather; Using incinerator; Sand blasting; Line handling and tying up and letting go; Inspect and clean out discharge box; Breaking out/stowing line; welding

BEHAVIORAL OBSERVATIONS:

Observed crew conducting fire and life boat drills. Crew conducted drills in a safe manner ensuring that everybody was safe at all times. Captain Conducted Weekly Tool Box - Tag Lines, Housekeeping and SDS's in JSA's.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 87° and a real feel temperature of 99°(moderate risk).
 Tomorrow: High of 87° and a real feel temperature of 97°(moderate risk). 50% chance of rain.

GENERAL COMMENTS:

SSHO conducted AED inspection on board the Liberty Island. Conducted HAZCOM (GHS) training for 14 crew members.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 553
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Sep 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	10,897	3,592,546
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	75 °F / 89 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT		30	PUMPING:	00:00	02:56	0.0
	13		TURNING:	00:00	00:22	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TO DUMP:	00:00	03:14	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			CONNECTING:	00:00	00:18	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	03:05	0.0
		1	DISCONNECTING:	00:00	00:12	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	02:08	0.0
		0	TOTALS:	00:00	12:15	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		1,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		250	LOSS DUE TO NATURAL ELEMENTS:	00:00	05:17	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING			TOTAL CYS				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
1	10,897	Ship Island	0				

ATTENDANT PLANT				TOTALS			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 553
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Sep 2018 - Friday

GENERAL COMMENTS

The Ellis began the day sailing back to OCS West and resumed digging at 0520.

1 load pumped on Ship Island today: 10,897 CY

343 loads pumped on Ship Island to date: 3,592,636 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

217 loads dug in OCS West Borrow Area to date: 2,315,118 CY

Four Delays Today:

317min - Sailing back to OCS West

288min - Wait on bullgang to complete repairs to booster hose connection

82min - Wait on Liberty Island

18min - Extended line flush

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed daily operations. Also conducted fire drills and life boat drills along with WTB.

JSA DISCUSSIONS:

Liberty - Inspect diagram; Cleaning drag heads; Hooking up and letting go of the cube; Painting; Working in hot weather; Using incinerator; Sand blasting; Line handling and tying up and letting go; Inspect and clean out discharge box; Breaking out/stowing line; welding

BEHAVIORAL OBSERVATIONS:

Observed crew conducting fire and life boat drills. Crew conducted drills in a safe manner ensuring that everybody was safe at all times. Captain Conducted Weekly Tool Box - Tag Lines, Housekeeping and SDS's in JSA's.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 87° and a real feel temperature of 99°(moderate risk).

Tomorrow: High of 87° and a real feel temperature of 97°(moderate risk). 50% chance of rain.

GENERAL COMMENTS:

SSHO conducted AED inspection on board the Liberty Island. Conducted HAZCOM (GHS) training for 14 crew members.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 554			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Sep 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 18,943	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,427,139			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 87 °F		10		9		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	02:46	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:34	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	07:45	0.0		
			1		CONNECTING:	00:00	00:46	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:46	0.0		
			0		DISCONNECTING:	00:00	00:28	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	06:55	0.0		
			7,843		TOTALS:	00:00	24:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			300		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
4	18,943	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 554
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Sep 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 18,943 CY

293 loads pumped on Ship Island to date: 1,426,399 CY

293 loads dug in Horn Island Pass Borrow Area to date: 1,436,399 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed daily operations and soft material. Daily SALT book discussion was on Eliminate machine sinking.

JSA DISCUSSIONS:

Fill Site - Working the light plant; Changing the wye-valve; Fueling equipment; Adding and breaking shore pipe; Building and maintaining dikes.

BEHAVIORAL OBSERVATIONS:

Observed crew moving the barge to a new location on the beach. Crew worked safe and followed JSA.

SITE CONDITIONS & HOUSEKEEPING:

Today: 40% chance of scattered showers with a high of 87° and a real feel temperature of 99°(moderate risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate risk). 25% chance of rain.

GENERAL COMMENTS:

SSHO conducted AED inspection on board the Liberty Island. Conducted PS inspection - no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 554
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Sep 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	20,516	3,613,062
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 87 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	02:25	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:20	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	03:10	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:33	0.0
			1	DUMPING:	00:00	05:51	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:28	0.0
			0	TO CUT:	00:00	04:17	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	17:04	0.0
			2,633	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,820	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING				LOSS DUE TO NATURAL ELEMENTS:			0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			0.0
2	20,516	Ship Island	0	MINOR OPERATING REPAIRS:			0.0
				TRANSFERRING BETWEEN WORKS:			0.0
				LAY TIME:			0.0
				FIRE AND BOAT DRILLS:			0.0

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:			0.0
				LOSS TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			0.0
				CESSATION:			0.0
				COLLISIONS:			0.0
				TOTALS:			0.0
				TOTAL TIME/MILES:			0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 554
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Sep 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #1 Westward.

2 loads pumped on Ship Island today: 20,516 CY

345 loads pumped on Ship Island to date: 3,613,152 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

219 loads dug in OCS West Borrow Area to date: 2,335,634 CY

Four Delays Today:

239min - Repairs to STBD dredge pump

177min - Wait on Liberty Island (Three delays)

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed daily operations and soft material. Daily SALT book discussion was on Eliminate machine sinking.

JSA DISCUSSIONS:

Fill Site - Working the light plant; Changing the wye-valve; Fueling equipment; Adding and breaking shore pipe; Building and maintaining dikes.

BEHAVIORAL OBSERVATIONS:

Observed crew moving the barge to a new location on the beach. Crew worked safe and followed JSA.

SITE CONDITIONS & HOUSEKEEPING:

Today: 40% chance of scattered showers with a high of 87° and a real feel temperature of 99°(moderate risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate risk). 25% chance of rain.

GENERAL COMMENTS:

SSHO conducted AED inspection on board the Liberty Island. Conducted PS inspection - no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 555
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Sep 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	23,008	1,450,147
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 90 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	04:06	0.0
				TURNING:	00:00	01:16	0.0
				TO DUMP:	00:00	07:16	0.0
				CONNECTING:	00:00	00:46	0.0
				DUMPING:	00:00	03:40	0.0
				DISCONNECTING:	00:00	00:21	0.0
				TO CUT:	00:00	06:35	0.0
				TOTALS:	00:00	24:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
5	23,008	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 555
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Sep 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

5 loads pumped on Ship Island today: 23,008 CY

298 loads pumped on Ship Island to date: 1,450,147 CY

298 loads dug in Horn Island Pass Borrow Area to date: 1,450,147 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Wadmalaw - Chief discussed maintaining safety while conducting daily operations.

JSA DISCUSSIONS:

Wadmalaw - Housekeeping; General engine room maintenance.

SITE CONDITIONS & HOUSEKEEPING:

Today: 20% chance of scattered showers with a high of 87° and a real feel temperature of 99°(moderate risk).

Tomorrow: High of 86° and a real feel temperature of 96°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO conducted AED inspection on board the Wadmalaw. Conducted PS inspection - no deficiencies noted. Conducted Training on LOTO with Booster crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 555			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Sep 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	21,120	3,634,182			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 90 °F		10		13		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	04:12	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:25	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	05:56	0.0	
			1		CONNECTING:		00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	06:08	0.0	
			0		DISCONNECTING:		00:00	00:22	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:05	0.0	
			2,695		TOTALS:		00:00	21:35	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			250		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	21,120	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	02:25	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	02:25	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 555
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Sep 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #1 Westward.

2 loads pumped on Ship Island today: 21,120 CY

347 loads pumped on Ship Island to date: 3,634,182 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

221 loads dug in OCS West Borrow Area to date: 2,356,754 CY

Two Delays Today:

145min - Wait on Liberty Island (Two delays)

SAFETY

PRE-SHIFT MEETING:

Wadmalaw - Chief discussed maintaining safety while conducting daily operations.

JSA DISCUSSIONS:

Wadmalaw - Housekeeping; General engine room maintenance.

SITE CONDITIONS & HOUSEKEEPING:

Today: 20% chance of scattered showers with a high of 87° and a real feel temperature of 99°(moderate risk).

Tomorrow: High of 86° and a real feel temperature of 96°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

SSHO conducted AED inspection on board the Wadmalaw. Conducted PS inspection - no deficiencies noted. Conducted Training on LOTO with Booster crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 556						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Sep 2018 - Monday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 1	HIP 1		Ship Island	14,552	1,464,699						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1850</u>							
		DENSITY OF WATER				GMS/LITER@ <u>83 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker		
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88		
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		74 °F / 88 °F		10		9					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11		27							
AFT													
				11		27							
DRAG DEPTH		MAX <u>35</u> MIN <u>35</u>											
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		6,955							
GALLONS OF WATER CONSUMED				GAL		1,300							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
3	14,552	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		03:14		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		01:43		0.0	
						TOTALS:		00:00		04:57		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 556
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Sep 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping westward on Subline #1.

3 loads pumped on Ship Island today: 14,552 CY

301 loads pumped on Ship Island to date: 1,464,699 CY

301 loads dug in Horn Island Pass Borrow Area to date: 1,464,699 CY

Six Delays Today:

173min - Hydraulic fluid leak in hydraulic room

103min - Fill site line flush (Two delays)

17min - Hopper discharge valves, unable to get a path to pass engine back (Two delays)

4min - Hydraulic pump motor repairs

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed safety along with daily tasks.

JSA DISCUSSIONS:

Liberty - Inspect and clean out turtle box; Crew boat personnel transfer; Working in hot weather; Using incinerator; Chipping and Grinding; Cleaning Drag heads; Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Observed crews transferring from the crew boat to the dredge. Deckhands on both sides passed over bags and crew transferring followed GLDD policies.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 86° and a real feel temperature of 98°(moderate risk).

Tomorrow: High of 86° and a real feel temperature of 98°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted Training on Drug and Alcohol Awareness with 13 personnel on the Liberty.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 556
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Sep 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping on subline #1 Westward.

2 loads pumped on Ship Island today: 21,711 CY

349 loads pumped on Ship Island to date: 3,655,893 CY

126 loads dug in Horn Island Pass Borrow Area to date: 1,277,518 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

Five Delays Today:

81min - Wait on Liberty Island

52min - Extended line flush for fill site (Three delays)

12min - Booster generator kicked out

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed safety along with daily tasks.

JSA DISCUSSIONS:

Liberty - Inspect and clean out turtle box; Crew boat personnel transfer; Working in hot weather; Using incinerator; Chipping and Grinding; Cleaning Drag heads; Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Observed crews transferring from the crew boat to the dredge. Deckhands on both sides passed over bags and crew transferring followed GLDD policies.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 86° and a real feel temperature of 98°(moderate risk).

Tomorrow: High of 86° and a real feel temperature of 98°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted Training on Drug and Alcohol Awareness with 13 personnel on the Liberty.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 557
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 Sep 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	14,671	1,479,370
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	74 °F / 88 °F	10	4

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	04:45	0.0
				TURNING:	00:00	03:16	0.0
				TO DUMP:	00:00	05:37	0.0
				CONNECTING:	00:00	00:17	0.0
				DUMPING:	00:00	03:47	0.0
				DISCONNECTING:	00:00	00:19	0.0
				TO CUT:	00:00	04:30	0.0
				TOTALS:	00:00	22:31	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	01:04	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:25	0.0
				TOTALS:	00:00	01:29	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
3	14,671	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 557
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Sep 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping westward on Subline #1.

3 loads pumped on Ship Island today: 14,671 CY

304 loads pumped on Ship Island to date: 1,479,370 CY

304 loads dug in Horn Island Pass Borrow Area to date: 1,479,370 CY

Three Delays Today:

63min - Confirm dredge pumps are in high

25min - Fill site line flush

1min - Clutch

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 87° and a real feel temperature of 97°(moderate risk).

Tomorrow: High of 89° and a real feel temperature of 100°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

Entered weekly inspections into NS5. Conducted administration work in the office.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 798 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 557		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Sep 2018 - Tuesday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL HIP 3 and OCS East		REACH DREDGED; STA TO STA HIP 3 and OCS East		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 20,911	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,676,804	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>				
	DENSITY OF WATER				GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 74 °F / 88 °F		VISIBILITY 10		WIND 4	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13	30					
AFT			13	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	02:10	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:10	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:19	0.0	
			1		CONNECTING:	00:00	00:25	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:19	0.0	
			0		DISCONNECTING:	00:00	00:11	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	02:24	0.0	
			3,006		TOTALS:	00:00	13:58	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:				
			390		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS					
2	20,911	Ship Island		0					
ATTENDANT PLANT					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER			H.P.	HOURS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
						LAY TIME:	00:00	00:00	0.0
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0
						MISCELLANEOUS:	00:00	10:02	0.0
						TOTALS:	00:00	10:02	0.0
						LOST TIME:			
						MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
						CESSATION:	00:00	00:00	0.0
						COLLISIONS:	00:00	00:00	0.0
						TOTALS:	00:00	00:00	0.0
						TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 557
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Sep 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging HIP3 and OCS East and pumping on subline #1 Westward. The dredge ended the day down at the pumpout trying to send water to the booster but was unable to build velocity.

2 loads pumped on Ship Island today: 20,911 CY

351 loads pumped on Ship Island to date: 3,676,804 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

1 load dug in OCS East Borrow Area to date: 10,498 CY

Three Delays Today:

505min - Unable to build velocity at pumpout startup.

78min - Wait on Liberty Island

19min - Flush line to booster for Liberty

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 87° and a real feel temperature of 97°(moderate risk).

Tomorrow: High of 89° and a real feel temperature of 100°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

Entered weekly inspections into NS5. Conducted administration work in the office.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 800 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 558
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Sep 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	14,592	1,493,962
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 91 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		27		PUMPING:	00:00	03:34	0.0
	11			TURNING:	00:00	01:09	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>		TO DUMP:	00:00	05:34	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>			CONNECTING:	00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	DUMPING:	00:00	03:28	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DISCONNECTING:	00:00	00:14	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	7,263	TO CUT:	00:00	04:38	0.0
GALLONS OF WATER CONSUMED		GAL	400	TOTALS:	00:00	18:59	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AGITATING				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
3	14,592	Ship Island	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:12	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	04:49	0.0
				TOTALS:	00:00	05:01	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 558
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Sep 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping westward on Subline #1.

3 loads pumped on Ship Island today: 14,592 CY

307 loads pumped on Ship Island to date: 1,493,962 CY

307 loads dug in Horn Island Pass Borrow Area to date: 1,493,962 CY

Three Delays Today:

241min - Standby to assist flushing Ellis to booster line

48min - Fill site lin flush

12min - Unable to clutch in

SAFETY

PRE-SHIFT MEETING:

Bullgang - Deck Captain discussed weather and daily tasks.

JSA DISCUSSIONS:

Bullgang - Mechanical duties; Hot work; Moving barges; Vessel transfer; Operating heavy equipment and forklift; Working in hot weather.

BEHAVIORAL OBSERVATIONS:

Observed crews conducting crane operations. Crew conducted the task in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Today: 35% chance of scattered showers with a high of 89° and a real feel temperature of 101°(moderate risk).

Tomorrow: High of 90° and a real feel temperature of 102°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted PS inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 558			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Sep 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3 and OCS East		REACH DREDGED; STA TO STA HIP 3 and OCS East		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 7,100	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,683,904			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			74 °F / 88 °F		10		4		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:10	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	02:30	0.0		
			3,006		TOTALS:	00:00	02:40	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			390		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
1	7,100	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	21:20	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	21:20	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 558
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Sep 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued attempting to send water in an attempt to clear the subline between the booster & dredge. When the bullgang arrived they broke the line just before the booster & the Ellis attempted to send water which was unsuccessful.

Dredge remained down due to plugged subline.

1 load pumped on Ship Island today: 7,100 CY

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

One Delay Today:

1325min - Ellis to booster subline plugged

SAFETY

PRE-SHIFT MEETING:

Bullgang - Deck Captain discussed weather and daily tasks.

JSA DISCUSSIONS:

Bullgang - Mechanical duties; Hot work; Moving barges; Vessel transfer; Operating heavy equipment and forklift; Working in hot weather.

BEHAVIORAL OBSERVATIONS:

Observed crews conducting crane operations. Crew conducted the task in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Today: 35% chance of scattered showers with a high of 89° and a real feel temperature of 101°(moderate risk).

Tomorrow: High of 90° and a real feel temperature of 102°(moderate risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted PS inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 559
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Sep 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,337	1,513,299
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 88 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	04:31	0.0
				TURNING:	00:00	01:09	0.0
				TO DUMP:	00:00	07:27	0.0
				CONNECTING:	00:00	00:31	0.0
				DUMPING:	00:00	03:50	0.0
				DISCONNECTING:	00:00	00:23	0.0
				TO CUT:	00:00	06:09	0.0
				TOTALS:	00:00	24:00	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>		NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>			TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	8,383	LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	1,600	MINOR OPERATING REPAIRS:	00:00	00:00	0.0

WORK PERFORMED				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LAY TIME:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
4	19,337	Ship Island	0	MISCELLANEOUS:	00:00	00:00	0.0

ATTENDANT PLANT				TOTALS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 559
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Sep 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,337 CY

311 loads pumped on Ship Island to date: 1,513,299 CY

311 loads dug in Horn Island Pass Borrow Area to date: 1,511,299 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed the two hand injuries that occurred on board. Also discussed daily tasks.

JSA DISCUSSIONS:

Liberty - Chipping and grinding; Painting; Sand blasting; Hooking up and letting go of the cube; Inspect and clean out discharge box; Cleaning drag heads; incinerator; Working in hot weather; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Observed crews hooking up to the cube. Dragtender communicated with the Mate to move the ship into position so that the crew can hook up to the cube. Communication and work practices went smooth and crew followed procedures.

SITE CONDITIONS & HOUSEKEEPING:

Today: 60% chance of scattered showers with a high of 90° and a real feel temperature of 102°(moderate risk).

Tomorrow: High of 91° and a real feel temperature of 104°(moderate risk). 60% chance of rain and thunderstorms.

GENERAL COMMENTS:

Conducted PS inspection. Conducted new hire training with deckhand on the Brooke Elizabeth. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 559			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Sep 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3 and OCS East		REACH DREDGED; STA TO STA HIP 3 and OCS East		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,683,904			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			76 °F / 88 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			158		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			200		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	24:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 559
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Sep 2018 - Thursday

GENERAL COMMENTS

The Ellis down all day due to plugged subline. During the day the bullgang attempted to clear the cube float hoses of material. Afterward the dredge made three attempts to hook up to the cube but was unsuccessful.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed the two hand injuries that occurred on board. Also discussed daily tasks.

JSA DISCUSSIONS:

Liberty - Chipping and grinding; Painting; Sand blasting; Hooking up and letting go of the cube; Inspect and clean out discharge box; Cleaning drag heads; incinerator; Working in hot weather; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Observed crews hooking up to the cube. Dragtender communicated with the Mate to move the ship into position so that the crew can hook up to the cube. Communication and work practices went smooth and crew followed procedures.

SITE CONDITIONS & HOUSEKEEPING:

Today: 60% chance of scattered showers with a high of 90° and a real feel temperature of 102°(moderate risk).

Tomorrow: High of 91° and a real feel temperature of 104°(moderate risk). 60% chance of rain and thunderstorms.

GENERAL COMMENTS:

Conducted PS inspection. Conducted new hire training with deckhand on the Brooke Elizabeth. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 560
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Sep 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	19,613	1,532,912
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 92 °F	10	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:36	0.0
				TURNING:	00:00	01:29	0.0
				TO DUMP:	00:00	06:04	0.0
				CONNECTING:	00:00	00:42	0.0
				DUMPING:	00:00	04:30	0.0
				DISCONNECTING:	00:00	00:20	0.0
				TO CUT:	00:00	06:15	0.0
				TOTALS:	00:00	22:56	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:04	0.0
				TOTALS:	00:00	01:04	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	19,613	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 560
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Sep 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,613 CY

315 loads pumped on Ship Island to date: 1,532,912 CY

315 loads dug in Horn Island Pass Borrow Area to date: 1,532,912 CY

Three Delays Today:

- 34min - Wait on booster
- 28min - Fouled pickup line
- 2min - Disconnect delay

SAFETY

PRE-SHIFT MEETING:

Booster - Chief discussed daily tasks and heat related injuries.

JSA DISCUSSIONS:

Booster - Housekeeping; General engine room maintenance.

Mackie/Ellis - Greasing the gear; Inspecting/cleaning drag heads; Housekeeping/sanitary; Personnel transfer; Painting; Launching rescue boat.

BEHAVIORAL OBSERVATIONS:

Observed Captain and crew safely launch and recover rescue boat.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of scattered showers with a high of 90° and a real feel temperature of 103°(moderate risk).
 Tomorrow: High of 93° and a real feel temperature of 106°(moderate risk). Humid with a 20% chance of rain.

GENERAL COMMENTS:

Conducted AED inspections on the Mackie and Ellis. Conducted PS inspections on the Ellis and Wadmalaw. Some issues discovered were fixed on the spot and others were added to the PS database. Inspected O2 flammability meter.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 560
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Sep 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3 and OCS East	HIP 3 and OCS East	Ship Island	0	3,683,904
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 92 °F	10	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	150	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	200	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	24:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 560
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Sep 2018 - Friday

GENERAL COMMENTS

The Ellis down all day due to plugged subline. During the day the bullgang again attempted to clear the cube float hoses of material. Afterward the dredge made an attempt to hook up to the cube but was unsuccessful.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

PRE-SHIFT MEETING:

Booster - Chief discussed daily tasks and heat related injuries.

JSA DISCUSSIONS:

Booster - Housekeeping; General engine room maintenance.

Mackie/Ellis - Greasing the gear; Inspecting/cleaning drag heads; Housekeeping/sanitary; Personnel transfer; Painting; Launching rescue boat.

BEHAVIORAL OBSERVATIONS:

Observed Captain and crew safely launch and recover rescue boat.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of scattered showers with a high of 90° and a real feel temperature of 103°(moderate risk).

Tomorrow: High of 93° and a real feel temperature of 106°(moderate risk). Humid with a 20% chance of rain.

GENERAL COMMENTS:

Conducted AED inspections on the Mackie and Ellis. Conducted PS inspections on the Ellis and Wadmalaw. Some issues discovered were fixed on the spot and others were added to the PS database. Inspected O2 flammability meter.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 561
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Sep 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3 and OCS East	HIP 3 and OCS East	Ship Island	0	3,683,904
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 89 °F	10	3

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30	EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			150	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 561
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Sep 2018 - Saturday

GENERAL COMMENTS

The Ellis down all day due to plugged subline. The bullgang was able break the connection between the cube and subline. Tomorrow, the dredge will attempt to connect to the cube and clear the plugged line.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed Housekeeping during pre-shift. SALT book discussion this morning was on Decks and Walkways. Following the meeting, stretch/flex and SHAKE exercises were conducted.

JSA DISCUSSIONS:

Fill Site - Adding and breaking shorepipe; Moving equipment with forklift; Pulling the drag bar; Building and maintaining dikes; Fueling equipment; Working the light plant; Changing the wye-valve.

BEHAVIORAL OBSERVATIONS:

Observed Captain and crew safely launch and recover rescue boat.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of scattered showers with a high of 93° and a real feel temperature of 106°(moderate risk).

Tomorrow: High of 93° and a real feel temperature of 105°(moderate risk). Humid with a 10% chance of rain.

GENERAL COMMENTS:

Conducted initial inspection on GL673 Dozer. Minor issue noted entered into PS. Conducted PS inspection, no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 561
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Sep 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 1	HIP 1	Ship Island	14,985	1,547,897
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 89 °F	10	3

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:11	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	01:01	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:09	0.0
			1	CONNECTING:	00:00	00:37	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:40	0.0
			0	DISCONNECTING:	00:00	00:20	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:01	0.0
			8,085	TOTALS:	00:00	22:59	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,400	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	14,985	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	01:01	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:01	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 561
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 Sep 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 1 and HIP 2 and pumping westward on Subline #1.

3 loads pumped on Ship Island today: 14,985 CY

318 loads pumped on Ship Island to date: 1,547,897 CY

318 loads dug in Horn Island Pass Borrow Area to date: 1,547,897 CY

One Delay Today:

61min - PME automation down for both pumps

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed Housekeeping during pre-shift. SALT book discussion this morning was on Decks and Walkways. Following the meeting, stretch/flex and SHAKE exercises were conducted.

JSA DISCUSSIONS:

Fill Site - Adding and breaking shorepipe; Moving equipment with forklift; Pulling the drag bar; Building and maintaining dikes; Fueling equipment; Working the light plant; Changing the wye-valve.

BEHAVIORAL OBSERVATIONS:

Observed Captain and crew safely launch and recover rescue boat.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of scattered showers with a high of 93° and a real feel temperature of 106°(moderate risk).

Tomorrow: High of 93° and a real feel temperature of 105°(moderate risk). Humid with a 10% chance of rain.

GENERAL COMMENTS:

Conducted initial inspection on GL673 Dozer. Minor issue noted entered into PS. Conducted PS inspection, no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 562
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Sep 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,771	1,567,668
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	86 °F / 97 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT				EFFECTIVE WORKING TIME:			
		11	27	PUMPING:	00:00	02:14	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:19	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	05:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:31	0.0
			1	DUMPING:	00:00	03:55	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:19	0.0
			0	TO CUT:	00:00	04:33	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	17:06	0.0
			7,073	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,400	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,771	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	06:54	0.0
				TOTALS:	00:00	06:54	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 562
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Sep 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,771 CY

322 loads pumped on Ship Island to date: 1,567,668 CY

322 loads dug in Horn Island Pass Borrow Area to date: 1,567,668 CY

Three Delays Today:

228min - Flushing Ellis-to-booster subline

143min - Waiting on booster

43min - Full site line flush

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily tasks and maintaining safety in every task.

JSA DISCUSSIONS:

Liberty - Painting; Working with hand tools; Hooking up and letting go of the cube; Working in hot weather; Cleaning drag head; Inspect and clean out discharge box; Using incinerator; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Observed crews hooking up to the float hose with the assist of a tugboat. Mate communicated with the tug and placement of the ship went smooth. Crew worked safely hooking the float hose to the ship.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of scattered showers with a high of 94° and a real feel temperature of 106°(moderate risk).

Tomorrow: High of 93° and a real feel temperature of 105°(moderate risk). Humid with a 60% chance of rain.

GENERAL COMMENTS:

Inspected O2 flammability meter. Conducted PS inspection. Minor deficiencies noted and corrected on the spot.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 562					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Sep 2018 - Sunday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island		0	3,683,904				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
				GAGE LOCATION		Pascagoula Range Marker						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			86 °F / 97 °F		10		7				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	2,077	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	100	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	24:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 562
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 16 Sep 2018 - Sunday	

GENERAL COMMENTS

The Ellis down all day due to plugged subline. The Ellis was successful in making a connection to the cube but was unable to clear the cube & riser of material. The Liberty connected to the line near the booster to backflush the line but was also unsuccessful. Work is ongoing to clear the line. Another line is expected to be laid from the cube location to booster starting tomorrow.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily tasks and maintaining safety in every task.

JSA DISCUSSIONS:

Liberty - Painting; Working with hand tools; Hooking up and letting go of the cube; Working in hot weather; Cleaning drag head; Inspect and clean out discharge box; Using incinerator; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Observed crews hooking up to the float hose with the assist of a tugboat. Mate communicated with the tug and placement of the ship went smooth. Crew worked safely hooking the float hose to the ship.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of scattered showers with a high of 94° and a real feel temperature of 106°(moderate risk).

Tomorrow: High of 93° and a real feel temperature of 105°(moderate risk). Humid with a 60% chance of rain.

GENERAL COMMENTS:

Inspected O2 flammability meter. Conducted PS inspection. Minor deficiencies noted and corrected on the spot.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 563						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 Sep 2018 - Monday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,683,904					
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>								
	DENSITY OF WATER				1025	GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53					
	MIN	0	TIME	19:18	MAX	0	TIME	23:59					
				GAGE LOCATION		Pascagoula Range Marker							
				GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay			82 °F / 91 °F		10		12					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			13	30									
AFT			13	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0			
				1	CONNECTING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0			
				0	DISCONNECTING:					00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0			
				400	TOTALS:					00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:							
				200	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0
						MINOR OPERATING REPAIRS:					00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
						LAY TIME:					00:00	00:00	0.0
						FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:					00:00	24:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
					LOST TIME:								
					MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
					CESSATION:					00:00	00:00	0.0	
					COLLISIONS:					00:00	00:00	0.0	
					TOTALS:					00:00	00:00	0.0	
					TOTAL TIME/MILES:					00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 563
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Sep 2018 - Monday

GENERAL COMMENTS

The Ellis down all day due to plugged subline. The bullgang began prep work for laying a new subline between the booster and cube location.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Mate discussed job tasks for the day and assigned tasks which would limit the crew's exposure to the outdoor heat. SSHO discussed the heat index and stressed proper hydration.

Liberty: Mate discussed the hot weather and job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: Painting, changing drag head teeth, working aloft, hot work, personnel transfer, housekeeping/sanitary, working with impacts, crane lifts, hopper jet nozzle tip removal/installation

Liberty: Chipping and grinding, cleaning drag heads, welding, painting, working in hot weather, inspect/clean discharge box, using incinerator, hooking up/letting go of the cube, crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Crews working safely while transferring items from the crew boat to the dredge. Crews also performing safe vessel transfers.

Mackie: Crews safely performing crane lifts. Good communication and use of tag lines.

Liberty: Crews utilizing safe work practices and wearing all required PPE while performing grinding operations.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 92° and a real feel temperature of 105°(moderate-high risk).

Tomorrow: High of 90° and a real feel temperature of 103°(moderate-high risk). 25% chance of rain.

Mackie crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie: Conducted a safety walk around and Predictive Solutions inspections. One issue fixed on the spot by the crew and one minor issue added to the PS database.

Liberty: Conducted a PS inspection with no deficiencies noted. Conducted a JSA Audit. Discussed CPR qualifications with Captain.

At least two people on each shift are CPR qualified but the Captain would like for more of the crew to receive training. Captain and crew inspected dredge shackles and found one Chinese shackle which they disposed of.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 563
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Sep 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,850 CY

326 loads pumped on Ship Island to date: 1,587,528 CY

326 loads dug in Horn Island Pass Borrow Area to date: 1,587,518 CY

Two Delays Today:

61min - Waiting on booster
1min - Probe siezed

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Mate discussed job tasks for the day and assigned tasks which would limit the crew's exposure to the outdoor heat. SSHO discussed the heat index and stressed proper hydration.

Liberty: Mate discussed the hot weather and job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: Painting, changing drag head teeth, working aloft, hot work, personnel transfer, housekeeping/sanitary, working with impacts, crane lifts, hopper jet nozzle tip removal/installation

Liberty: Chipping and grinding, cleaning drag heads, welding, painting, working in hot weather, inspect/clean discharge box, using incinerator, hooking up/letting go of the cube, crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Crews working safely while transferring items from the crew boat to the dredge. Crews also performing safe vessel transfers.

Mackie: Crews safely performing crane lifts. Good communication and use of tag lines.

Liberty: Crews utilizing safe work practices and wearing all required PPE while performing grinding operations.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 92° and a real feel temperature of 105°(moderate-high risk).

Tomorrow: High of 90° and a real feel temperature of 103°(moderate-high risk). 25% chance of rain.

Mackie crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie: Conducted a safety walk around and Predictive Solutions inspections. One issue fixed on the spot by the crew and one minor issue added to the PS database.

Liberty: Conducted a PS inspection with no deficiencies noted. Conducted a JSA Audit. Discussed CPR qualifications with Captain.

At least two people on each shift are CPR qualified but the Captain would like for more of the crew to receive training. Captain and crew inspected dredge shackles and found one Chinese shackle which they disposed of.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 564
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Sep 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,909	1,607,427
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	78 °F / 94 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27	EFFECTIVE WORKING TIME:			
AFT			PUMPING:	00:00	03:03	0.0
	11	27	TURNING:	00:00	00:26	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>	TO DUMP:	00:00	08:37	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>		CONNECTING:	00:00	00:47	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	04:40	0.0
		1	DISCONNECTING:	00:00	00:21	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	05:44	0.0
		0	TOTALS:	00:00	23:38	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		8,134	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		1,000	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:22	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
4	19,909	Ship Island	0	LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	00:00
ATTENDANT PLANT			TOTALS:	00:00	00:22	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 564
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Sep 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,909 CY

330 loads pumped on Ship Island to date: 1,607,427 CY

330 loads dug in Horn Island Pass Borrow Area to date: 1,607,427 CY

One Delay Today:

22min - Weather

SAFETY

JSA DISCUSSIONS:

Mobro 1706: crane lifts, operating heavy equipment, working in hot weather, housekeeping

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 105°(moderate-high risk).

Tomorrow: High of 91° and a real feel temperature of 103°(moderate-high risk). 25% chance of rain.

GENERAL COMMENTS:

Uploaded AB 113, AB 118, ACB8 and ACB9 weekly inspections into NS5. Added one issue on the ACB9 to the PS data base. Worked with the Fill Foreman to sign off one PS open issue. Assisted Deck Captain with printing up JSAs for tomorrow's Bullgang work.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 564			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Sep 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East	OCS East		Ship Island	0	3,683,904				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
	GAGE LOCATION			Pascagoula Range Marker						
	GAGE DATUM			NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)	VISIBILITY	WIND					
	Weather Caused No Delay		81 °F / 89 °F	10	19					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	13		30		EFFECTIVE WORKING TIME:					
AFT	13		30		PUMPING:	00:00	00:00	0.0		
					TURNING:	00:00	00:00	0.0		
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TO DUMP:				00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				CONNECTING:				00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	DUMPING:				00:00	00:00	0.0
			1	DISCONNECTING:				00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	TO CUT:				00:00	00:00	0.0
			0	TOTALS:				00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:						
			400	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
			100	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
WORK PERFORMED				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
DREDGING AND HAULING			AGITATING	MINOR OPERATING REPAIRS:	00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0			
				LAY TIME:	00:00	00:00	0.0			
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
ATTENDANT PLANT				MISCELLANEOUS:	00:00	24:00	0.0			
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0			
				LOST TIME:						
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0			
				CESSATION:	00:00	00:00	0.0			
				COLLISIONS:	00:00	00:00	0.0			
				TOTALS:	00:00	00:00	0.0			
				TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 564
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Sep 2018 - Tuesday

GENERAL COMMENTS

The Ellis down all day due to plugged subline. The bullgang began working on laying a new subline between the booster and cube.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

JSA DISCUSSIONS:

Mobro 1706: crane lifts, operating heavy equipment, working in hot weather, housekeeping

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 105°(moderate-high risk).

Tomorrow: High of 91° and a real feel temperature of 103°(moderate-high risk). 25% chance of rain.

GENERAL COMMENTS:

Uploaded AB 113, AB 118, ACB8 and ACB9 weekly inspections into NS5. Added one issue on the ACB9 to the PS data base.

Worked with the Fill Foreman to sign off one PS open issue. Assisted Deck Captain with printing up JSAs for tomorrow's Bullgang work.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 565
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Sep 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	4,943	1,612,370
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	76 °F / 93 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27		EFFECTIVE WORKING TIME:				
AFT		11	27	PUMPING:	00:00	00:43	0.0	
				TURNING:	00:00	00:06	0.0	
DRAG DEPTH	MAX	35	MIN	35	TO DUMP:	00:00	01:46	0.0
INDICATORS LAST CHECKED ON	05/14/2018			CONNECTING:	00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	DUMPING:	00:00	02:21	0.0	
			1	DISCONNECTING:	00:00	00:04	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	TO CUT:	00:00	01:27	0.0	
			0	TOTALS:	00:00	06:54	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			3,418	TAKING ON FUEL AND SUPPLIES:	00:00	05:08	0.0	
GALLONS OF WATER CONSUMED			GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
			1,000	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:01	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:	00:00	00:16	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS:	00:00	11:41	0.0	
				TOTALS:	00:00	17:06	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
1	4,943	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 565
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 19 Sep 2018 - Wednesday	

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

1 load pumped on Ship Island today: 4,943 CY

331 loads pumped on Ship Island to date: 1,612,370 CY

331 loads dug in Horn Island Pass Borrow Area to date: 1,612,370 CY

Six Delays Today:

619min - Add/remove subline (Two delays)

308min - Fueling

62min - Fill site line flush

16min - Port main down-sensor

1min - Weather

SAFETY

PRE-SHIFT MEETING:

Bullgang: Deck Captain discussed job tasks for the day. SSHO discussed heat awareness and hydration.

JSA DISCUSSIONS:

Bullgang: vessel transfer, moving barges, working in hot weather, moving sub line, welding/cutting/burning

BEHAVIORAL OBSERVATIONS:

Bullgang utilizing safe work practices and wearing all required PPE while moving sub line. Deck Captain ensuring crews were taking breaks from the heat and drinking plenty of fluids. Crews looking out for one another and using the buddy system. Good communication between the Bullgang, Tug Boats and crew boats.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 107°(moderate-high risk).

Tomorrow: High of 91° and a real feel temperature of 102°(moderate-high risk). 50% chance of rain.

GENERAL COMMENTS:

SSHO worked with the Bullgang the entire day. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 565
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 19 Sep 2018 - Wednesday	

GENERAL COMMENTS

The Ellis down all day due to plugged subline. The bullgang continued working on laying a new subline between the booster and cube as well as swinging the subline from landing #1 to landing #4.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

PRE-SHIFT MEETING:

Bullgang: Deck Captain discussed job tasks for the day. SSHO discussed heat awareness and hydration.

JSA DISCUSSIONS:

Bullgang: vessel transfer, moving barges, working in hot weather, moving sub line, welding/cutting/burning

BEHAVIORAL OBSERVATIONS:

Bullgang utilizing safe work practices and wearing all required PPE while moving sub line. Deck Captain ensuring crews were taking breaks from the heat and drinking plenty of fluids. Crews looking out for one another and using the buddy system. Good communication between the Bullgang, Tug Boats and crew boats.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 107°(moderate-high risk).

Tomorrow: High of 91° and a real feel temperature of 102°(moderate-high risk). 50% chance of rain.

GENERAL COMMENTS:

SSHO worked with the Bullgang the entire day. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 566
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 20 Sep 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS East	OCS East	Ship Island	0	3,683,904
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	83 °F / 97 °F	10	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			600	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
				LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	24:00	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 566
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Sep 2018 - Thursday

GENERAL COMMENTS

The Ellis down all day due to plugged subline. The bullgang continued working on laying a new subline between the booster and cube. Bullgang finished swinging subline from landing #1 to landing #4.

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

SAFETY

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, crane lifting, working in hot weather, operating heavy equipment and forklift, moving barges, vessel transfer.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices and good communication while performing crane lifts. All crews observing the crane safety zone and staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: High of 90° and a real feel temperature of 102°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO conducted New Hire orientation and Hand Safety training with a new Crane Operator. Submitted a requisition for safety supplies and suited up PPE. Assisted the Deck Captain with writing a Good Catch. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 566
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 Sep 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

3 loads pumped on Ship Island today: 14,395 CY

334 loads pumped on Ship Island to date: 1,626,765 CY

334 loads dug in Horn Island Pass Borrow Area to date: 1,626,765 CY

Two Delays Today:

435min - Add/Remove subline (Two delays)

SAFETY

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, crane lifting, working in hot weather, operating heavy equipment and forklift, moving barges, vessel transfer.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices and good communication while performing crane lifts. All crews observing the crane safety zone and staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: High of 90° and a real feel temperature of 102°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO conducted New Hire orientation and Hand Safety training with a new Crane Operator. Submitted a requisition for safety supplies and suited up PPE. Assisted the Deck Captain with writing a Good Catch. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 567				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Sep 2018 - Friday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS East		OCS East		Ship Island		0	3,683,904			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
GAGE LOCATION		Pascagoula Range Marker									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		86 °F / 97 °F		10		10				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
			13								
AFT			13								
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				PUMPING:		00:00	01:48	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				TURNING:		00:00	00:26	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				TO DUMP:		00:00	00:19	0.0			
GALLONS OF FUEL OIL CONSUMED				CONNECTING:		00:00	00:00	0.0			
GALLONS OF WATER CONSUMED				DUMPING:		00:00	00:00	0.0			
				DISCONNECTING:		00:00	00:00	0.0			
				TO CUT:		00:00	00:00	0.0			
				TOTALS:		00:00	02:33	0.0			
				NON-EFFECTIVE WORKING TIME:							
				TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0			
				MINOR OPERATING REPAIRS:		00:00	01:24	0.0			
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
				LAY TIME:		00:00	00:00	0.0			
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
				MISCELLANEOUS:		00:00	20:03	0.0			
				TOTALS:		00:00	21:27	0.0			
				LOST TIME:							
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
				CESSATION:		00:00	00:00	0.0			
				COLLISIONS:		00:00	00:00	0.0			
				TOTALS:		00:00	00:00	0.0			
				TOTAL TIME/MILES:		00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 567
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Sep 2018 - Friday

GENERAL COMMENTS

The bullgang finished laying the remaining 3000 ft of subline and installing the cube for the new pumpout location. After some minor restart delays, the Ellis returned to OCS East 2 and resumed dredging operations at 2127.

No Loads Completed Today

352 loads pumped on Ship Island to date: 3,683,904 CY

127 loads dug in Horn Island Pass Borrow Area to date: 1,287,931 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

2 loads dug in OCS East Borrow Area to date: 17,598 CY

Three Delays Today:

1203min - Bullgang installing new subline between booster and dredge

74min - Port arm sensor automation malfunction

10min - Valves not responding

SAFETY

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, working in hot weather, operating heavy equipment and forklift, fueling equipment.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Operator was conducting a walk around inspection on the crane and training the new Crane Operator.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 99°(moderate risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO attended monthly safety conference call. Conducted a JSA audit. Also conducted JSA training with some of the Derrick crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 567
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Sep 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	23,413	1,650,178
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	86 °F / 97 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:19	0.0
				TURNING:	00:00	00:35	0.0
				TO DUMP:	00:00	08:00	0.0
				CONNECTING:	00:00	00:40	0.0
				DUMPING:	00:00	04:10	0.0
				DISCONNECTING:	00:00	00:23	0.0
				TO CUT:	00:00	06:53	0.0
				TOTALS:	00:00	24:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
5	23,413	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 567
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 Sep 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

5 loads pumped on Ship Island today: 23,413 CY

339 loads pumped on Ship Island to date: 1,650,178 CY

339 loads dug in Horn Island Pass Borrow Area to date: 1,650,178 CY

No Delays Today

SAFETY

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, working in hot weather, operating heavy equipment and forklift, fueling equipment.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Operator was conducting a walk around inspection on the crane and training the new Crane Operator.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 90° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 99°(moderate risk). 40% chance of rain.

GENERAL COMMENTS:

SSHO attended monthly safety conference call. Conducted a JSA audit. Also conducted JSA training with some of the Derrick crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 568
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Sep 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 17,083 CY

343 loads pumped on Ship Island to date: 1,667,261 CY

343 loads dug in Horn Island Pass Borrow Area to date: 1,667,261 CY

Three Delays Today:

56min - Repairs

7min - Probe locked up

3min - Booster lost power

SAFETY

PRE-SHIFT MEETING:

Bullgang: The Deck Captain discussed job tasks for the day. Stretch and flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Bullgang: working in hot weather, operating heavy equipment and forklift, fueling equipment, crane lifting, housekeeping, vessel transfer, mechanic duties, moving barges

BEHAVIORAL OBSERVATIONS:Bullgang: Crews working safely and wearing all required PPE while cleaning the deck of the AB 118. Crews utilizing safe work practices while performing multiple crane lifts. Good communication, use of tag lines and personnel were staying clear of suspended loads.

Fuel barge 1002: Bullgang assisting Tankerman. Crew working safely and wearing all required PPE while repairing the deck winch.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 88° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 98°(moderate-high risk). 50% chance of rain.

Crews were performing housekeeping on the AB 118 and Mobro 1706. Getting all unnecessary equipment off the AB 118 and cleaning all the mud off the deck as well.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Mobro 1706. A couple of issues that were discovered were fixed on the spot by the crew. Worked with the crew to sign off one open issue on the AB 118.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 568		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Sep 2018 - Saturday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS East and HIP 3		REACH DREDGED; STA TO STA OCS East and HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 22,123	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,706,027		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>					
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
GAGE LOCATION		Pascagoula Range Marker							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		76 °F / 91 °F		10		15		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13	30					
AFT			13	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:		00:00	03:53	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:		00:00	00:21	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:		00:00	06:11	0.0	
		1		CONNECTING:		00:00	00:42	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:		00:00	05:46	0.0	
		0		DISCONNECTING:		00:00	00:25	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:		00:00	03:21	0.0	
		3,702		TOTALS:		00:00	20:39	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:					
		1,200		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	22,123	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:28	0.0
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	02:53	0.0	
				TOTALS:		00:00	03:21	0.0	
ATTENDANT PLANT				LOST TIME:					
ITEM	NAME OR NUMBER	H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 568
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 Sep 2018 - Saturday

GENERAL COMMENTS

The Ellis began the day digging in OCS East. When the dredge returned to pump the load out, the dredge began encountering the same issues with the last load from OCS East, the plugged line was from OCS East also, such as not being able to maintain velocity through the pipe. It appears there may be some shell hash in the material.

2 loads pumped on Ship Island today: 22,123 CY

354 loads pumped on Ship Island to date: 3,706,027 CY

128 loads dug in Horn Island Pass Borrow Area to date: 1,299,010 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Six Delays Today:

98min - Velocity decreasing: lower density and flush line (material from OCS East) (Two delays)

75min - Wait on Liberty Island (Two delays)

24min - Barge power malfunction

4min - Port dredge pump not clutching in

SAFETY

PRE-SHIFT MEETING:

Bullgang: The Deck Captain discussed job tasks for the day. Stretch and flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Bullgang: working in hot weather, operating heavy equipment and forklift, fueling equipment, crane lifting, housekeeping, vessel transfer, mechanic duties, moving barges

BEHAVIORAL OBSERVATIONS:Bullgang: Crews working safely and wearing all required PPE while cleaning the deck of the AB 118. Crews utilizing safe work practices while performing multiple crane lifts. Good communication, use of tag lines and personnel were staying clear of suspended loads.

Fuel barge 1002: Bullgang assisting Tankerman. Crew working safely and wearing all required PPE while repairing the deck winch.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 88° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 98°(moderate-high risk). 50% chance of rain.

Crews were performing housekeeping on the AB 118 and Mobro 1706. Getting all unnecessary equipment off the AB 118 and cleaning all the mud off the deck as well.

GENERAL COMMENTS:

SSHO conducted a safety walk around and Predictive Solutions inspection on the Mobro 1706. A couple of issues that were discovered were fixed on the spot by the crew. Worked with the crew to sign off one open issue on the AB 118.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 569
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Sep 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	18,589	1,685,850
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	83 °F / 95 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	02:56	0.0
				TURNING:	00:00	00:29	0.0
				TO DUMP:	00:00	06:57	0.0
				CONNECTING:	00:00	00:07	0.0
				DUMPING:	00:00	04:41	0.0
				DISCONNECTING:	00:00	00:31	0.0
				TO CUT:	00:00	05:51	0.0
				TOTALS:	00:00	21:32	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	02:28	0.0
				TOTALS:	00:00	02:28	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	18,589	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 569
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 Sep 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 18,589 CY

347 loads pumped on Ship Island to date: 1,687,514 CY

347 loads dug in Horn Island Pass Borrow Area to date: 1,687,514 CY

Two Delays Today:

148min - Wait on Ellis Island (Two delays)

SAFETY

PRE-SHIFT MEETING:

Bullgang: The Deck Captain discussed job tasks for the day. Stretch and flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Bullgang: working in hot weather, operating heavy equipment and forklift, crane lifting, housekeeping, grease crane, welding/cutting/burning, changing hoist/drag cable on anchor barge

BEHAVIORAL OBSERVATIONS:Bullgang: Crews working safely and wearing all required PPE while cleaning the deck of the AB 118. Bullgang: Crews utilizing safe work practices while performing multiple crane lifts. Good communication, use of tag lines and personnel were staying clear of suspended loads. Crews conducting weekly inspections on all equipment. Crews working safely while changing out the Anchor Barge hoist cable.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 88° and a real feel temperature of 98°(moderate-high risk).

Tomorrow: High of 89° and a real feel temperature of 99°(moderate-high risk). 60% chance of rain.

Crews were performing housekeeping on the AB 113. Getting all unnecessary equipment off the AB 113 and cleaning all the mud off the deck as well.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the AB 113. Some issues discovered were fixed on the spot by the Welder. One issue added to the PS database. SSHO assisted the crew with Good Catch reports. Conducted Hand Safety training with the crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 569			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 23 Sep 2018 - Sunday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 22,193	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,728,220			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>						
	DENSITY OF WATER				GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			83 °F / 95 °F		10		13			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13			30					
AFT			13			30					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>											
INDICATORS LAST CHECKED ON <u>07/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		1				
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN		0				
GALLONS OF FUEL OIL CONSUMED					GAL		2,700				
GALLONS OF WATER CONSUMED					GAL		500				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0						
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0						
2	22,193	Ship Island		0	LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0						
					LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0						
					MINOR OPERATING REPAIRS: 00:00 00:00 0.0						
					TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0						
					LAY TIME: 00:00 00:00 0.0						
					FIRE AND BOAT DRILLS: 00:00 00:00 0.0						
					MISCELLANEOUS: 00:00 02:43 0.0						
					TOTALS: 00:00 02:43 0.0						
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0						
					CESSATION: 00:00 00:00 0.0						
					COLLISIONS: 00:00 00:00 0.0						
					TOTALS: 00:00 00:00 0.0						
					TOTAL TIME/MILES: 00:00 24:00 0.0						

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 569
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Sep 2018 - Sunday

GENERAL COMMENTS

The Ellis Island continued digging HIP 3 and pumping on subline #1 at landing #4.

2 loads pumped on Ship Island today: 22,193 CY

356 loads pumped on Ship Island to date: 3,728,220 CY

130 loads dug in Horn Island Pass Borrow Area to date: 1,321,203 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Seven Delays Today:

35min - Inspect port dredge pump

28min - Fouled bridal

26min - Wait on Liberty Island

25min - Testing jet pumps

24min - Flushing pipe on deck/investigating low velocity on dig startup

18min - Clean dragheads

7min - Low velocity during pumpout/flush line to increase velocity

SAFETY

PRE-SHIFT MEETING:

Bullgang: The Deck Captain discussed job tasks for the day. Stretch and flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Bullgang: working in hot weather, operating heavy equipment and forklift, crane lifting, housekeeping, grease crane, welding/cutting/burning, changing hoist/drag cable on anchor barge

BEHAVIORAL OBSERVATIONS:Bullgang: Crews working safely and wearing all required PPE while cleaning the deck of the AB 118. Bullgang: Crews utilizing safe work practices while performing multiple crane lifts. Good communication, use of tag lines and personnel were staying clear of suspended loads. Crews conducting weekly inspections on all equipment. Crews working safely while changing out the Anchor Barge hoist cable.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 88° and a real feel temperature of 98°(moderate-high risk).

Tomorrow: High of 89° and a real feel temperature of 99°(moderate-high risk). 60% chance of rain.

Crews were performing housekeeping on the AB 113. Getting all unnecessary equipment off the AB 113 and cleaning all the mud off the deck as well.

GENERAL COMMENTS:

SSHO conducted a Predictive Solutions inspection on the AB 113. Some issues discovered were fixed on the spot by the Welder. One issue added to the PS database. SSHO assisted the crew with Good Catch reports. Conducted Hand Safety training with the crew.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 570
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Sep 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	23,098	1,708,948
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 87 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	02:51	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:55	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:06	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:34	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	04:29	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	8,661	DISCONNECTING:	00:00	00:32	0.0
GALLONS OF WATER CONSUMED		GAL	1,100	TO CUT:	00:00	07:23	0.0
WORK PERFORMED				TOTALS:	00:00	23:50	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
			AGITATING	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
5	23,098	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:10	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 570
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 24 Sep 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

5 loads pumped on Ship Island today: 23,098 CY

352 loads pumped on Ship Island to date: 1,710,612 CY

352 loads dug in Horn Island Pass Borrow Area to date: 1,710,612 CY

Two Delays Today:

10min - Probe locked up (Two delays)

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: The Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: inspecting/cleaning drag heads, connecting/disconnecting to the cube, using the incinerator, personnel transfer, housekeeping/sanitary, greasing gear, endangered species inspection

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crew safely performing drag head inspection. ESO safely performing endangered species inspection.

The crew boat Deckhand and Dredge AB assisting personnel during vessel transfers. Crews were handing over all items and utilizing 3 points of contact.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 89° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 86° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted air quality testing, noise testing and replaced the Oxygen Flammability meter.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 570
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Sep 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 33,584	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,761,804
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 87 °F	10	20

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	05:38	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	01:03	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	03:38	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:27	0.0
			1	DUMPING:	00:00	05:39	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:20	0.0
			0	TO CUT:	00:00	04:55	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:40	0.0
			2,700	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
3	33,584	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	02:20	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 570
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Sep 2018 - Monday

GENERAL COMMENTS

The Ellis Island continued digging HIP 3 and pumping on subline #1 at landing #4.

3 loads pumped on Ship Island today: 33,584 CY

359 loads pumped on Ship Island to date: 3,761,804 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

223 loads dug in OCS West Borrow Area to date: 2,378,375 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Five Delays Today:

72min - Low starting velocity: flush line until velocity increases (Two delays)

64min - Wait on Liberty Island (Two delays)

4min - Booster pressure too high, flush line until pressure decreases

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: The Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: inspecting/cleaning drag heads, connecting/disconnecting to the cube, using the incinerator, personnel transfer, housekeeping/sanitary, greasing gear, endangered species inspection

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crew safely performing drag head inspection. ESO safely performing endangered species inspection.

The crew boat Deckhand and Dredge AB assisting personnel during vessel transfers. Crews were handing over all items and utilizing 3 points of contact.

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 89° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 86° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted air quality testing, noise testing and replaced the Oxygen Flammability meter.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 571
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Sep 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,013	3,783,817
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 88 °F	10	18

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30				
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	03:18	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:28	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	04:18	0.0
			1	CONNECTING:	00:00	00:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	05:53	0.0
			0	DISCONNECTING:	00:00	00:28	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	04:14	0.0
			2,600	TOTALS:	00:00	19:05	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	22,013	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	04:55	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:55	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 571
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Sep 2018 - Tuesday

GENERAL COMMENTS

The Ellis Island continued digging HIP 3 and pumping on subline #1 at landing #4.

2 loads pumped on Ship Island today: 22,013 CY

361 loads pumped on Ship Island to date: 3,783,817 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

223 loads dug in OCS West Borrow Area to date: 2,400,388 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Six Delays Today:

177min - Leak on booster between #1 and #2 pump

85min - Wait on Liberty Island (Two delays)

24min - Crane lift for stores

5min - Wait on dredge pump

4min - Low velocity on start of pumpout; flush line to increase velocity

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. Also discussed SALT topic on high pressure discharge. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: building/maintaining dikes, moving equipment with forklift, adding/breaking shore pipe, working the light plant, changing wye valve, fueling equipment

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 86° and a real feel temperature of 98°(moderate-high risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

Fill site crews continue to do a great job of housekeeping in their respective work areas.

GENERAL COMMENTS:

Fill Site: Conducted equipment inspections on GL 673 and GL 674 with no deficiencies noted. Worked with Fill Foreman to update Operator Authorized & Qualified list and rigging qualifications.

SSHO uploaded AB 113, AB 118, ACB8, ACB9 and Ohio River weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 571
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Sep 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	20,253	1,729,201
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	77 °F / 88 °F	10	18

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:19	0.0
				TURNING:	00:00	00:46	0.0
				TO DUMP:	00:00	07:01	0.0
				CONNECTING:	00:00	00:30	0.0
				DUMPING:	00:00	04:08	0.0
				DISCONNECTING:	00:00	00:24	0.0
				TO CUT:	00:00	05:46	0.0
				TOTALS:	00:00	21:54	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	8,047	LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	1,000	MINOR OPERATING REPAIRS:	00:00	00:00	0.0

WORK PERFORMED				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LAY TIME:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
4	20,253	Ship Island	0	MISCELLANEOUS:	00:00	02:06	0.0
				TOTALS:	00:00	02:06	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 571
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 Sep 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 20,253 CY

356 loads pumped on Ship Island to date: 1,729,201 CY

356 loads dug in Horn Island Pass Borrow Area to date: 1,729,201 CY

Two Delays Today:

- 124min - Wait on Ellis Island
- 2min - Probe locked up

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. Also discussed SALT topic on high pressure discharge. Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: building/maintaining dikes, moving equipment with forklift, adding/breaking shore pipe, working the light plant, changing wye valve, fueling equipment

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 86° and a real feel temperature of 98°(moderate-high risk).
 Tomorrow: High of 87° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.
 Fill site crews continue to do a great job of housekeeping in their respective work areas.

GENERAL COMMENTS:

Fill Site: Conducted equipment inspections on GL 673 and GL 674 with no deficiencies noted. Worked with Fill Foreman to update Operator Authorized & Qualified list and rigging qualifications.
 SSHO uploaded AB 113, AB 118, ACB8, ACB9 and Ohio River weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 572			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Sep 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	22,263	3,806,080			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			74 °F / 82 °F	10	19				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	13	30								
AFT	13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	04:07	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:36	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	06:35	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		CONNECTING:	00:00	00:25	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		DUMPING:	00:00	05:51	0.0		
GALLONS OF WATER CONSUMED			GAL		DISCONNECTING:	00:00	00:19	0.0		
WORK PERFORMED					TO CUT:	00:00	04:13	0.0		
DREDGING AND HAULING				AGITATING		TOTALS:	00:00	22:06	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
2	22,263	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	01:54	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	01:54	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 572
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Sep 2018 - Wednesday

GENERAL COMMENTS

The Ellis Island continued digging HIP 3 and pumping on subline #1 at landing #4.

2 loads pumped on Ship Island today: 22,263 CY

363 loads pumped on Ship Island to date: 3,806,080 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

227 loads dug in OCS West Borrow Area to date: 2,422,651 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Three Delays Today:

101min - Wait on Liberty Island (Two delays)

13min - Extended line flush for fill site

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 87° and a real feel temperature of 98°(moderate-high risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Worked with the Bullgang crew to correct one of the Predictive Solutions open issues on the ACB8. SSHO conducted First Aid/CPR/BBP training with Survey and Bullgang personnel. Submitted requisition for PPE and suited up PPE.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 572
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Sep 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,082	1,748,283
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	76 °F / 88 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:01	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	08:43	0.0
			1	CONNECTING:	00:00	00:42	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:32	0.0
			0	DISCONNECTING:	00:00	00:22	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:49	0.0
			8,759	TOTALS:	00:00	23:31	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			2,600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,082	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:29	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:29	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 572
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 Sep 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

2 loads pumped on Ship Island today: 19,082 CY

360 loads pumped on Ship Island to date: 1,748,283 CY

360 loads dug in Horn Island Pass Borrow Area to date: 1,748,283 CY

Five Delays Today:

19min - Probe locked up (Three delays)

8min - Crane lifts for stores

2min - No response from booster

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Scattered showers with a high of 87° and a real feel temperature of 98°(moderate-high risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Worked with the Bullgang crew to correct one of the Predictive Solutions open issues on the ACB8. SSHO conducted First Aid/CPR/BBP training with Survey and Bullgang personnel. Submitted requisition for PPE and suited up PPE.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 573
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Sep 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	11,252	3,817,332
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 82 °F	10	22

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT		30	PUMPING:	00:00	02:03	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TURNING:	00:00	00:10	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			TO DUMP:	00:00	02:19	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:30	0.0
		1	DUMPING:	00:00	03:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:15	0.0
		0	TO CUT:	00:00	01:58	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	10:15	0.0
		3,800	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
1	11,252	Ship Island	0				

ATTENDANT PLANT				TOTALS			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 573
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Sep 2018 - Thursday

GENERAL COMMENTS

The Ellis Island continued digging OCS West and pumping on subline #1 at landing #4.

1 load pumped on Ship Island today: 11,252 CY

364 loads pumped on Ship Island to date: 3,817,332 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

228 loads dug in OCS West Borrow Area to date: 2,433,903 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Six Delays Today:

369min - Pump water on plugged cube during booster COI (booster shutdown)

235min - Booster gland seal pump repairs

138min - Port dredge pump gland seal

40min - Wait on Liberty Island

33min - Crane lift from crewboat

10min - Testing repairs

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed Hotwork, foul weather and daily job tasks.

JSA DISCUSSIONS:

Mechanical duties; Operating heavy equipment and forklift; Crane lifting; Grease Crane; Fueling equipment.

BEHAVIORAL OBSERVATIONS:

Observed crew fueling air compressor - observed minor deficiencies and discussed and fixed on the spot.

SITE CONDITIONS & HOUSEKEEPING:

Today: 80% scattered showers with a high of 83° and a real feel temperature of 90°(moderate-high risk).

Tomorrow: High of 86° and a real feel temperature of 96°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Submitted requisition for PPE for office and crewboat. Conducted administration work at the office. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 573
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Sep 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,141	1,767,424
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 86 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:12	0.0
				TURNING:	00:00	00:34	0.0
				TO DUMP:	00:00	06:53	0.0
				CONNECTING:	00:00	00:25	0.0
				DUMPING:	00:00	03:48	0.0
				DISCONNECTING:	00:00	00:25	0.0
				TO CUT:	00:00	05:48	0.0
				TOTALS:	00:00	21:05	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	02:55	0.0
				TOTALS:	00:00	02:55	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	19,141	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 573
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 Sep 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,141 CY

364 loads pumped on Ship Island to date: 1,767,424 CY

364 loads dug in Horn Island Pass Borrow Area to date: 1,767,424 CY

Five Delays Today:

88min - Wait on Ellis Island

51min - Fill site flush liine

28min - Booster dredge pump gland seal (ongoing)

5min - Wait on booster to clutch out

3min - Probe locked up

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed Hotwork, foul weather and daily job tasks.

JSA DISCUSSIONS:

Mechanical duties; Operating heavy equipment and forklift; Crane lifting; Grease Crane; Fueling equipment.

BEHAVIORAL OBSERVATIONS:

Observed crew fueling air compressor - observed minor deficiencies and discussed and fixed on the spot.

SITE CONDITIONS & HOUSEKEEPING:

Today: 80% scattered showers with a high of 83° and a real feel temperature of 90°(moderate-high risk).

Tomorrow: High of 86° and a real feel temperature of 96°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Submitted requisition for PPE for office and crewboat. Conducted administration work at the office. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 574
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 28 Sep 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,767,424
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 83 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
				TURNING:	00:00	00:00	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>		TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>			CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	DUMPING:	00:00	01:10	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DISCONNECTING:	00:00	00:05	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,269	TO CUT:	00:00	01:07	0.0
GALLONS OF WATER CONSUMED		GAL	1,400	TOTALS:	00:00	02:22	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AGITATING				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	21:38	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	21:38	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 574
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 Sep 2018 - Friday

GENERAL COMMENTS

The Liberty Island began the day down due to the gland seal pump repairs. Late in the day the repairs were completed and the dredge resumed operations and continued digging in HIP 2 and pumping westward on Subline #1.

0 loads pumped on Ship Island today: 0 CY

364 loads pumped on Ship Island to date: 1,767,424 CY

364 loads dug in Horn Island Pass Borrow Area to date: 1,767,424 CY

One Delay Today:

1298min - Booster pump gland seal repairs

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain conducted the weekly tool box discussions (Bug bites, Allergies, Epinephrine Pen) and daily job tasks.

JSA DISCUSSIONS:

Liberty: Working in hot weather; Using incinerator; Cleaning drag heads; Painting; Inspect and clean out discharge box; Chipping and grinding Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed crews checking TWIC cards when member and contractors came aboard. One crew member did not have a TWIC card and crew took appropriate security measures to ensure the safety on board the ship.

SITE CONDITIONS & HOUSEKEEPING:

Today: 35% chance of scattered showers with a high of 85° and a real feel temperature of 97°(moderate-high risk).
 Tomorrow: High of 87° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted PS inspection on the Liberty. Monitored dress rehearsals for fire and life boat drills. Participated in GLDD's annual Security Exercise.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 574					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Sep 2018 - Friday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island		0	3,817,332				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68</u> °F					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
		GAGE LOCATION			Pascagoula Range Marker							
		GAGE DATUM			NAVD88							
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			73 °F / 87 °F		10		7				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	750	DUMPING:					00:00	01:02	0.0
GALLONS OF WATER CONSUMED			GAL	200	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	22:58	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	22:58	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 574
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Sep 2018 - Friday

GENERAL COMMENTS

The Ellis Island began the day down due to the gland seal pump repairs. Late in the day the repairs were completed and the dredge resumed operations and continued digging OCS West and pumping on subline #1 at landing #4.

0 loads pumped on Ship Island today: 0 CY

364 loads pumped on Ship Island to date: 3,817,332 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

228 loads dug in OCS West Borrow Area to date: 2,433,903 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Three Delays Today:

1305min - Booster gland seal pump repairs

68min - Wait on Liberty Island

5min - Line flush before sending material on startup

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain conducted the weekly tool box discussions (Bug bites, Allergies, Epinephrine Pen) and daily job tasks.

JSA DISCUSSIONS:

Liberty: Working in hot weather; Using incinerator; Cleaning drag heads; Painting; Inspect and clean out discharge box; Chipping and grinding Hooking up and letting go of the cube.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed crews checking TWIC cards when member and contractors came aboard. One crew member did not have a TWIC card and crew took appropriate security measures to ensure the safety on board the ship.

SITE CONDITIONS & HOUSEKEEPING:

Today: 35% chance of scattered showers with a high of 85° and a real feel temperature of 97°(moderate-high risk).

Tomorrow: High of 87° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted PS inspection on the Liberty. Monitored dress rehearsals for fire and life boat drills. Participated in GLDD's annual Security Exercise.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 575
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 29 Sep 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,890 CY

368 loads pumped on Ship Island to date: 1,787,314 CY

368 loads dug in Horn Island Pass Borrow Area to date: 1,787,314 CY

Four Delays Today:

143min - Wait on Ellis Island

38min - Taking on water

9min - Booster gland seal pressure not reading correctly causing it to clutch out

2min - Probe locked up

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily tasking with crew.

JSA DISCUSSIONS:

Liberty: Working in hot weather; Using incinerator; Cleaning drag heads; Painting; Inspect and clean out discharge box; Chipping and grinding Hooking up and letting go of the cube; Crane lifts.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed crew conducting crane lifts. Crews were mindful of swing radius and keeping out from under the load.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 87° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: High of 89° and a real feel temperature of 101°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted PS inspection on the Liberty. Conducted JSA Audit. Inspected Hydrostatic dates on SCBA's.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 575			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Sep 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	22,538	3,839,870			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			74 °F / 84 °F		10		15		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	03:55	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:19	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	04:34	0.0		
			1		CONNECTING:	00:00	00:31	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	07:24	0.0		
			0		DISCONNECTING:	00:00	00:35	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:44	0.0		
			2,500		TOTALS:	00:00	23:02	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			200		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0	
2	22,538	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:58	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:58	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 575
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Sep 2018 - Saturday

GENERAL COMMENTS

The Ellis Island continued digging OCS West and pumping on subline #1 at landing #4.

2 loads pumped on Ship Island today: 22,538 CY

366 loads pumped on Ship Island to date: 3,839,870 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

230 loads dug in OCS West Borrow Area to date: 2,456,441 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

45min - Repairs to bow connection winch

8min - Extra line flush (Two delays)

5min - Long connect due to cube not turning

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily tasking with crew.

JSA DISCUSSIONS:

Liberty: Working in hot weather; Using incinerator; Cleaning drag heads; Painting; Inspect and clean out discharge box; Chipping and grinding Hooking up and letting go of the cube; Crane lifts.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed crew conducting crane lifts. Crews were mindful of swing radius and keeping out from under the load.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of scattered showers with a high of 87° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: High of 89° and a real feel temperature of 101°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Conducted PS inspection on the Liberty. Conducted JSA Audit. Inspected Hydrostatic dates on SCBA's.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 576			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Sep 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	22,470	3,862,340			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			75 °F / 86 °F		10		25		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	06:06	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	01:11	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:33	0.0	
			1	CONNECTING:		00:00	00:28	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	06:04	0.0	
			0	DISCONNECTING:		00:00	00:27	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:34	0.0	
			3,657	TOTALS:		00:00	23:23	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			200	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	22,470	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:15	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:22	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:37	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 576
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Sep 2018 - Sunday

GENERAL COMMENTS

The Ellis Island continued digging OCS West and pumping on subline #1 at landing #4.

2 loads pumped on Ship Island today: 22,470 CY

368 loads pumped on Ship Island to date: 3,862,340 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

232 loads dug in OCS West Borrow Area to date: 2,478,911 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

15min - Finish port dredge engine pump repairs

14min - Extra line flush (Two delays)

8min - Booster pump clutched out

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed daily tasks, safe vessel transfers and SALT topic was on Equipment Inspections.

JSA DISCUSSIONS:

Fill Site - Working the light plant; Changing the wye-valve; Fueling equipment; Building and maintaining dikes; Adding breaking shorepipe; Pulling the drag bar.

BEHAVIORAL OBSERVATIONS:

Fill Site - Observed operators building and maintaining dikes. Crews continued moving sand in a safe manner and crews notified operator when entering their "Danger Area".

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain with a thunder storm warning and a high of 89° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 89° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 576
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Sep 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,436	1,806,750
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 83 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	03:18	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:37	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:01	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:33	0.0
			1	DUMPING:	00:00	05:11	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:30	0.0
			0	TO CUT:	00:00	06:21	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:31	0.0
			8,506	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,436	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:29	0.0
				TOTALS:	00:00	00:29	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 576
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 Sep 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,436 CY

372 loads pumped on Ship Island to date: 1,806,750 CY

372 loads dug in Horn Island Pass Borrow Area to date: 1,806,750 CY

Three Delays Today:

19min - Wait on Ellis Island

10min - Booster generator test (Two delays)

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed daily tasks, safe vessel transfers and SALT topic was on Equipment Inspections.

JSA DISCUSSIONS:

Fill Site - Working the light plant; Changing the wye-valve; Fueling equipment; Building and maintaining dikes; Adding breaking shorepipe; Pulling the drag bar.

BEHAVIORAL OBSERVATIONS:

Fill Site - Observed operators building and maintaining dikes. Crews continued moving sand in a safe manner and crews notified operator when entering their "Danger Area".

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain with a thunder storm warning and a high of 89° and a real feel temperature of 99°(moderate-high risk).
 Tomorrow: High of 89° and a real feel temperature of 98°(moderate-high risk). 60% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 577
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 Oct 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	17	2		2
				7

LOCATION OF WORK	LOCATION CHANNEL HIP 2	REACH DREDGED; STA TO STA HIP 2	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,632	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,826,382
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 83 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:37	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:54	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	06:58	0.0
			1	CONNECTING:	00:00	00:38	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:23	0.0
			0	DISCONNECTING:	00:00	00:26	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:39	0.0
			8,225	TOTALS:	00:00	23:35	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			700	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,632	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:25	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:25	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 577
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Oct 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,632 CY

376 loads pumped on Ship Island to date: 1,826,382 CY

376 loads dug in Horn Island Pass Borrow Area to date: 1,826,382 CY

Three Delays Today:

18min - Ram on locking collar not operating properly

6min - Probe locked up

1min - Locking ring failed to open

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily operations, crew also discussed conducted tasks and safety as it pertained to the task.

JSA DISCUSSIONS:

Liberty - Using incinerator; Cleaning drag heads; Inspect and clean out discharge box; Hooking up and letting go of the cube; Chipping and grinding; Painting; Working in hot weather; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed personnel transferring on to the Hopper Dredge. Deckhands and Able Seaman assisted crew transferring. Crew transferring maintained three points of contact as they handed over all carried items.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain and thunder storms and a high of 88° and a real feel temperature of 100°(moderate-high risk).

Tomorrow: Hot and humid with a high of 89° with a real feel temperature of 100°(moderate-high risk). 25% chance of rain.

GENERAL COMMENTS:

Conducted Respirator fit test on two crewmember. Accompanied with a crew member, we conducted a sling inspection on board the Liberty - minor deficiencies noted and slings were removed from service. Conducted AED inspections on the Liberty Island, Emma Kate and Wadmalaw - no deficiencies.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 878 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 577
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 Oct 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,708	3,885,048
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	71 °F / 84 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT		30	PUMPING:	00:00	02:09	0.0
	13		TURNING:	00:00	00:22	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TO DUMP:	00:00	02:16	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			CONNECTING:	00:00	00:12	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	03:03	0.0
		1	DISCONNECTING:	00:00	00:11	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	03:02	0.0
		0	TOTALS:	00:00	11:15	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		2,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		200	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
2	22,708	Ship Island	0	LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	12:45
ATTENDANT PLANT			TOTALS:	00:00	12:45	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 577
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Oct 2018 - Monday

GENERAL COMMENTS

The Ellis Island continued digging OCS West and pumping on subline #1 at landing #4. At 1700 while pumping out a plume appeared between the cube and riser. The dredge flushed water and disconnected from the hose. Based on weather forecasts, it could be a few days before the bullgang can go out and make repairs to correct the pipeline leak. Dredge ended the day in the borrow area at anchor.

2 loads pumped on Ship Island today: 22,708 CY

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Three Delays Today:

- 724min - Subline leak between cube and riser, dredge at anchor
- 30min - Slow bell to borrow area to clear jet and dredge piping
- 11min - Line flush before sending material on startup

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily operations, crew also discussed conducted tasks and safety as it pertained to the task.

JSA DISCUSSIONS:

Liberty - Using incinerator; Cleaning drag heads; Inspect and clean out discharge box; Hooking up and letting go of the cube; Chipping and grinding; Painting; Working in hot weather; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed personnel transferring on to the Hopper Dredge. Deckhands and Able Seaman assisted crew transferring. Crew transferring maintained three points of contact as they handed over all carried items.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain and thunder storms and a high of 88° and a real feel temperature of 100°(moderate-high risk).
 Tomorrow: Hot and humid with a high of 89° with a real feel temperature of 100°(moderate-high risk). 25% chance of rain.

GENERAL COMMENTS:

Conducted Respirator fit test on two crewmember. Accompanied with a crew member, we conducted a sling inspection on board the Liberty - minor deficiencies noted and slings were removed from service. Conducted AED inspections on the Liberty Island, Emma Kate and Wadmalaw - no deficiencies.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 578
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Oct 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,751	1,846,133
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	74 °F / 90 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:30	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:48	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	06:57	0.0
			1	CONNECTING:	00:00	00:41	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:25	0.0
			0	DISCONNECTING:	00:00	00:19	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:55	0.0
			8,350	TOTALS:	00:00	23:35	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,751	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:25	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:25	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 578
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 02 Oct 2018 - Tuesday	

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,751 CY

380 loads pumped on Ship Island to date: 1,846,133 CY

380 loads dug in Horn Island Pass Borrow Area to date: 1,846,133 CY

Two Delays Today:

25min - Adjusting booster PLC (Two delays)

SAFETY

PRE-SHIFT MEETING:

Booster - Chief discussed daily tasks with crew also discussed transferring when big waves are present.

JSA DISCUSSIONS:

Booster - Housekeeping; Daily engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Booster - Conducted a safety walk around of the booster - no deficiencies noted.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: Hot and humid with a high of 89° with a real feel temperature of 100°(moderate-high risk). 40% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 578			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Oct 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	0	3,885,048			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			73 °F / 91 °F		10		12		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	500	DUMPING:		00:00	00:00	0.0
GALLONS OF WATER CONSUMED				GAL	200	DISCONNECTING:		00:00	00:00	0.0
WORK PERFORMED					TO CUT:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	24:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	24:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 578
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Oct 2018 - Tuesday

GENERAL COMMENTS

The Ellis Island at anchor all day for repairs to the cube. The bullgang is waiting for good weather in order to bring the the cube to shore for repairs.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Booster - Chief discussed daily tasks with crew also discussed transferring when big waves are present.

JSA DISCUSSIONS:

Booster - Housekeeping; Daily engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Booster - Conducted a safety walk around of the booster - no deficiencies noted.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 91° and a real feel temperature of 102°(moderate-high risk).

Tomorrow: Hot and humid with a high of 89° with a real feel temperature of 100°(moderate-high risk). 40% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 579
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 03 Oct 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	24,654	1,870,787
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	74 °F / 90 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:59	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:41	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:12	0.0
			1	CONNECTING:	00:00	00:39	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:22	0.0
			0	DISCONNECTING:	00:00	00:21	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:05	0.0
			8,382	TOTALS:	00:00	23:19	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,100	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
5	24,654	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:12	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:29	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:41	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 579
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Oct 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

5 loads pumped on Ship Island today: 24,654 CY

385 loads pumped on Ship Island to date: 1,870,787 CY

385 loads dug in Horn Island Pass Borrow Area to date: 1,870,787 CY

Two Delays Today:

- 29min - Fouled pickup line
- 12min - Port main engine repairs

SAFETY

PRE-SHIFT MEETING:
Liberty - Crew discussed daily tasks during turn-over.

JSA DISCUSSIONS:
Liberty - Working in hot weather; Crane lifts; Hooking up and letting go of the cube; Cleaning drag heads; Using incinerator; Inspect and clean out discharge box.

BEHAVIORAL OBSERVATIONS:
Liberty - Observed crews unloading stores from the crew boat. Crew in the yard placed four pallets on one dirt sling. Crew on the Liberty called an "All Stop" due to the unsafe crane lift until crew boat could get stores rearranged to make the lifts safely. Good job on the Liberty crew for noticing an unsafe lift.

SITE CONDITIONS & HOUSEKEEPING:
Today: High of 89° and a real feel temperature of 99°(moderate-high risk) with a 50% chance of rain.
Tomorrow: Hot and humid with a high of 89° with a real feel temperature of 100°(moderate-high risk).

GENERAL COMMENTS:
Conducted an PS inspection on the Liberty Island. Minor issue noted and corrected on the spot.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 579			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Oct 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	0	3,885,048			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			74 °F / 90 °F		10		15		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			250		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			200		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING						
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS						
ATTENDANT PLANT					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER			H.P.	HOURS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
						MISCELLANEOUS:	00:00	24:00	0.0	
						TOTALS:	00:00	24:00	0.0	
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
						CESSATION:	00:00	00:00	0.0	
						COLLISIONS:	00:00	00:00	0.0	
						TOTALS:	00:00	00:00	0.0	
						TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 579
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Oct 2018 - Wednesday

GENERAL COMMENTS

The Ellis Island at anchor all day for repairs to the cube. Bullgang was able to retrieve the cube & riser towing it in. The cause of the leak was a blown out sink hose. Today the bullgang will replace the sink hose & prep the cube for placement, weather permitting tomorrow.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Crew discussed daily tasks during turn-over.

JSA DISCUSSIONS:

Liberty - Working in hot weather; Crane lifts; Hooking up and letting go of the cube; Cleaning drag heads; Using incinerator; Inspect and clean out discharge box.

BEHAVIORAL OBSERVATIONS:

Liberty - Observed crews unloading stores from the crew boat. Crew in the yard placed four pallets on one dirt sling. Crew on the Liberty called an "All Stop" due to the unsafe crane lift until crew boat could get stores rearranged to make the lifts safely. Good job on the Liberty crew for noticing an unsafe lift.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 89° and a real feel temperature of 99°(moderate-high risk) with a 50% chance of rain.

Tomorrow: Hot and humid with a high of 89° with a real feel temperature of 100°(moderate-high risk).

GENERAL COMMENTS:

Conducted an PS inspection on the Liberty Island. Minor issue noted and corrected on the spot.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 580
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Oct 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	19,909	1,890,696
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 88 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:56	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:53	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:22	0.0
			1	CONNECTING:	00:00	00:37	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:16	0.0
			0	DISCONNECTING:	00:00	00:22	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	06:10	0.0
			8,275	TOTALS:	00:00	23:36	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			900	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,909	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:24	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:24	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 580
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Oct 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 19,909 CY

389 loads pumped on Ship Island to date: 1,890,696 CY

389 loads dug in Horn Island Pass Borrow Area to date: 1,890,696 CY

Four Delays Today:

- 12min - Fouled pickup line
- 7min - Locking ring not releasing
- 5min - Probe locked up (Two delays)

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted followed by SHAKE exercises.
Liberty Island: Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: Make/break pontoon connections, vessel transfer, operating heavy equipment, crane lifting, welding/cutting/burning
Liberty Island: Working in hot weather, erect scaffolding, hooking up/letting go of the cube, inspect/clean the discharge box, wash down the decks, personnel transferring to crew boat, general engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Welder conducting quarterly inspection on all welding equipment on AB 113 and AB 118. Welder utilizing safe work practices and wearing all required PPE while performing hot work on the bell. Crews working safely while breaking pontoon connections.
Liberty: Observed crews conducting daily tasks. All crew members worked in a safe manner, wearing all required personal protective equipment.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 100°(moderate-high risk).
Tomorrow: High of 89° and a real feel temperature of 99°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Mobro 1706: SSHO conducted a safety walk around on AB 113, AB 118 and Mobro. Some minor deficiencies were addressed and fixed on the spot by the welder.
Attended weekly project meeting. Conducted a Predictive Solutions inspection in the office.
Liberty Island: SSHO conducted a PS inspection. Conducted AED inspection on the Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 580
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Oct 2018 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,885,048
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 88 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30	EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			500	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	24:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			

				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 580
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 04 Oct 2018 - Thursday	

GENERAL COMMENTS

The Ellis Island at anchor all day for repairs to the cube. The bullgang installed new sink hoses & anchor cables on the cube. Tomorrow the cube will be towed out & the bullgang will make an attempt to place the cube & reconnect it to the Ellis line.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and flex conducted followed by SHAKE exercises.
Liberty Island: Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: Make/break pontoon connections, vessel transfer, operating heavy equipment, crane lifting, welding/cutting/burning
Liberty Island: Working in hot weather, erect scaffolding, hooking up/letting go of the cube, inspect/clean the discharge box, wash down the decks, personnel transferring to crew boat, general engine room maintenance.

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Welder conducting quarterly inspection on all welding equipment on AB 113 and AB 118. Welder utilizing safe work practices and wearing all required PPE while performing hot work on the bell. Crews working safely while breaking pontoon connections.
Liberty: Observed crews conducting daily tasks. All crew members worked in a safe manner, wearing all required personal protective equipment.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 100°(moderate-high risk).
Tomorrow: High of 89° and a real feel temperature of 99°(moderate-high risk). 40% chance of rain.

GENERAL COMMENTS:

Mobro 1706: SSHO conducted a safety walk around on AB 113, AB 118 and Mobro. Some minor deficiencies were addressed and fixed on the spot by the welder.
Attended weekly project meeting. Conducted a Predictive Solutions inspection in the office.
Liberty Island: SSHO conducted a PS inspection. Conducted AED inspection on the Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 581
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Oct 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,885,048
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	70 °F / 87 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	500	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	100	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	24:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 581
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 05 Oct 2018 - Friday	

GENERAL COMMENTS

The Ellis Island down all day for repairs to the cube and fueling in Gulfport. Due to sea conditions, the bullgang was unable to finish installation of the cube & therefore the dredge proceeded to go to anchor. Due to storm development in the Gulf it may be several days before the next attempt can be made to finish installing the cube.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: personnel transfer, crane lifts, housekeeping/sanitary, painting, bunkering

Wadmalaw: Housekeeping, General engine room maintenance, Painting

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines. Crews painting stair handrails wearing all required PPE.

Wadmalaw: Crews safely performing housekeeping tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 99°(moderate-high risk). 55% chance of rain.

Wadmalaw crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted monthly AED inspections. Also conducted Predictive Solutions inspections on both vessels. Some minor issues discovered were fixed on the spot by the Chief. One outstanding issue was signed off as well.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 581
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Oct 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	20,007	1,910,703
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 89 °F	10	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:10	0.0
				TURNING:	00:00	00:47	0.0
				TO DUMP:	00:00	07:45	0.0
				CONNECTING:	00:00	00:27	0.0
				DUMPING:	00:00	04:05	0.0
				DISCONNECTING:	00:00	00:35	0.0
				TO CUT:	00:00	06:03	0.0
				TOTALS:	00:00	22:52	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:18	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:50	0.0
				TOTALS:	00:00	01:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	20,007	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 581
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 05 Oct 2018 - Friday	

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1.

4 loads pumped on Ship Island today: 20,007 CY

393 loads pumped on Ship Island to date: 1,910,703 CY

393 loads dug in Horn Island Pass Borrow Area to date: 1,910,703 CY

Five Delays Today:

35min - Making lee for bullgang

18min - Repairs to ECM

9min - Fill site line flush

6min - Probe locked up (Two delays)

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: personnel transfer, crane lifts, housekeeping/sanitary, painting, bunkering

Wadmalaw: Housekeeping, General engine room maintenance, Painting

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines. Crews painting stair handrails wearing all required PPE.

Wadmalaw: Crews safely performing housekeeping tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 99°(moderate-high risk). 55% chance of rain.

Wadmalaw crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted monthly AED inspections. Also conducted Predictive Solutions inspections on both vessels. Some minor issues discovered were fixed on the spot by the Chief. One outstanding issue was signed off as well.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 582			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 06 Oct 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	0	3,885,048			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			79 °F / 87 °F	10	16				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				500	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				200	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 582
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Oct 2018 - Saturday

GENERAL COMMENTS

Due to developing trocial system in the Gulf of Mexico, the booster was towed in and the dredge went to Port of Gulfport.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Crane operator discussed job tasks for the day.

JSA DISCUSSIONS:

Mobro 1706: vessel transfer, crane lift, hopusekeeping

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines. Crew performing housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 88° and a real feel temperature of 99°(moderate-high risk).

Tomorrow: High of 88° and a real feel temperature of 98°(moderate-high risk). 56% chance of rain.

Mobro crews are doing a good job of maintaining housekeeping.

GENERAL COMMENTS:

Mobro 1706: SSHO completed monthly AED inspection. Conducted JSA training with the crew. Also conducted Predictive Solutions inspections on the Buddy G. Some minor issues discovered were fixed on the spot by the deckhand. One issue added to the PS database.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008			CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 582						
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06 Oct 2018 - Saturday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
LOCATION OF WORK		LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 10,082		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,920,785					
		AVG LENGTH OF CUT <u>4,771</u> FT			AVG WIDTH OF CUT <u>1,602</u> FT			AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						GMS/LITER <u>1850</u>							
		DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>83</u> °F							
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker					
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88					
WEATHER CONDITION		WEATHER			TEMP (min / max)		VISIBILITY		WIND						
		Weather Caused Critical Delay			73 °F / 81 °F		10		7						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
				11		27									
AFT				11		27									
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						PUMPING:		00:00		00:52		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TURNING:		00:00		00:13		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP:		00:00		02:10		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		3,673		CONNECTING:		00:00		00:24		0.0	
GALLONS OF WATER CONSUMED				GAL		1,250		DUMPING:		00:00		02:02		0.0	
WORK PERFORMED						DISCONNECTING:		00:00		00:13		0.0			
DREDGING AND HAULING			AGITATING			TO CUT:		00:00		03:10		0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TOTALS:		00:00		09:04		0.0			
2	10,082	Ship Island		0		NON-EFFECTIVE WORKING TIME:									
						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00		14:10		0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0			
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0			
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0			
						LAY TIME:		00:00		00:00		0.0			
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0			
						MISCELLANEOUS:		00:00		00:46		0.0			
						TOTALS:		00:00		14:56		0.0			
ATTENDANT PLANT						LOST TIME:									
ITEM	NAME OR NUMBER			H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0		
						CESSATION:		00:00		00:00		0.0			
						COLLISIONS:		00:00		00:00		0.0			
						TOTALS:		00:00		00:00		0.0			
						TOTAL TIME/MILES:		00:00		24:00		0.0			

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 582
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Oct 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging in HIP 2 and pumping westward on Subline #1. At 0950, the dredge shutdown and went to Gulfport ahead of incoming tropical system.

2 loads pumped on Ship Island today: 10,082 CY

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

Two Delays Today:

- 850min - Weather
- 46min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:
Mobro 1706: Crane operator discussed job tasks for the day.

JSA DISCUSSIONS:
Mobro 1706: vessel transfer, crane lift, hopusekeeping

BEHAVIORAL OBSERVATIONS:
Mobro 1706: Crew utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines. Crew performing housekeeping.

SITE CONDITIONS & HOUSEKEEPING:
Today: Hot and humid with a high of 88° and a real feel temperature of 99°(moderate-high risk).
Tomorrow: High of 88° and a real feel temperature of 98°(moderate-high risk). 56% chance of rain.
Mobro crews are doing a good job of maintaining housekeeping.

GENERAL COMMENTS:
Mobro 1706: SSHO completed monthly AED inspection. Conducted JSA training with the crew. Also conducted Predictive Solutions inspections on the Buddy G. Some minor issues discovered were fixed on the spot by the deckhand. One issue added to the PS database.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 583
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Oct 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,885,048
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	79 °F / 87 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			200	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			100	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 583
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 07 Oct 2018 - Sunday	

GENERAL COMMENTS

Dredge docked at Port of Gulfport due to Hurricane Michael.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed hand and back safety and daily job tasks.

JSA DISCUSSIONS:

Liberty - Fueling; Sandblasting; Engine room maintenance; Working in hot weather; Crane lifts.

BEHAVIORAL OBSERVATIONS:

Observed crew refueling the Liberty Island. Crews worked safely and monitored refueling operations during the full process.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 98°(moderate-high risk). 55% chance of rain.

Tomorrow: High of 87° and a real feel temperature of 97°(moderate-high risk). 55% chance of rain.

Mobro crews are doing a good job of maintaining housekeeping.

GENERAL COMMENTS:

Conducted initial inspection on the booster Jessie. Minor deficiencies noted and entered into Predictive Solutions. Conducted JSA Audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 902 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 583	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Oct 2018 - Sunday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	HIP 2	HIP 2		Ship Island	0	1,920,785		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>				
	DENSITY OF WATER			1025	GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
	GAGE LOCATION			Pascagoula Range Marker				
	GAGE DATUM			NAVD88				
WEATHER CONDITION	WEATHER		TEMP (min / max)	VISIBILITY	WIND			
	Weather Caused Critical Delay		72 °F / 77 °F	10	2-			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		11	27					
AFT		11	27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0	
			1	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0	
			0	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0	
			320	TOTALS:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			210	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 583
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 07 Oct 2018 - Sunday	

GENERAL COMMENTS

The Liberty Island docked at Port of Gulfport all day due to Hurricane Michael.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Captain discussed hand and back safety and daily job tasks.

JSA DISCUSSIONS:

Liberty - Fueling; Sandblasting; Engine room maintenance; Working in hot weather; Crane lifts.

BEHAVIORAL OBSERVATIONS:

Observed crew refueling the Liberty Island. Crews worked safely and monitored refueling operations during the full process.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 89° and a real feel temperature of 98°(moderate-high risk). 55% chance of rain.

Tomorrow: High of 87° and a real feel temperature of 97°(moderate-high risk). 55% chance of rain.

Mobro crews are doing a good job of maintaining housekeeping.

GENERAL COMMENTS:

Conducted initial inspection on the booster Jessie. Minor deficiencies noted and entered into Predictive Solutions. Conducted JSA Audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 584
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Oct 2018 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	72 °F / 77 °F	10	2-

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			320	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			210	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 905 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 584
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Oct 2018 - Monday

GENERAL COMMENTS

The Liberty Island docked at Port of Gulfport all day due to Hurricane Michael.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and Flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: vessel transfer, crane lift, operating heavy equipment, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines. Crews observing the safety zone while working around heavy equipment.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 86° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: High of 84° and a real feel temperature of 93°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Booster Jessie: Conducted initial inspection. SSHO worked to correct some of the deficiencies on the spot. Other deficiencies noted were added to the Predictive Solutions database.

Uploaded ACB8, ACB9, AB 113, AB 118, and Ohio River weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 584
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Oct 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,885,048
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	79 °F / 87 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			200	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			100	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 584
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Oct 2018 - Monday

GENERAL COMMENTS

Dredge docked at Port of Gulfport due to Hurricane Michael.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and Flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: vessel transfer, crane lift, operating heavy equipment, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines. Crews observing the safety zone while working around heavy equipment.

SITE CONDITIONS & HOUSEKEEPING:

Today: Hot and humid with a high of 86° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: High of 84° and a real feel temperature of 93°(moderate-high risk). 60% chance of rain.

GENERAL COMMENTS:

Booster Jessie: Conducted initial inspection. SSHO worked to correct some of the deficiencies on the spot. Other deficiencies noted were added to the Predictive Solutions database.

Uploaded ACB8, ACB9, AB 113, AB 118, and Ohio River weekly inspections into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 585
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Oct 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	72 °F / 77 °F	10	2-

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		27		PUMPING:	00:00	00:00	0.0
	11			TURNING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	DUMPING:	00:00	00:00	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	TO CUT:	00:00	00:00	0.0
			0	TOTALS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			320	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
			210	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 909 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 585
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Oct 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island docked at Port of Gulfport all day due to Hurricane Michael.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and Flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: vessel transfer, crane lift, operating heavy equipment, hot work

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 86° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: High of 85° and a real feel temperature of 94°(moderate-high risk). 55% chance of rain.

GENERAL COMMENTS:

SSHO conducted one First Aid/CPR/AED class(2 employees) and two Blood Borne Pathogen classes(11 employees). Four employees completed the rigging practical exam and received their rigging and signalman cards.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 585			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Oct 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	0	3,885,048			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			79 °F / 87 °F	10	16				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	200	DUMPING:		00:00	00:00	0.0
GALLONS OF WATER CONSUMED				GAL	100	DISCONNECTING:		00:00	00:00	0.0
WORK PERFORMED					TO CUT:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:		00:00	24:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:00	0.0	
					TOTALS:		00:00	24:00	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 585
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Oct 2018 - Tuesday

GENERAL COMMENTS

Dredge docked at Port of Gulfport due to Hurricane Michael.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch and Flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: vessel transfer, crane lift, operating heavy equipment, hot work

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 86° and a real feel temperature of 96°(moderate-high risk).

Tomorrow: High of 85° and a real feel temperature of 94°(moderate-high risk). 55% chance of rain.

GENERAL COMMENTS:

SSHO conducted one First Aid/CPR/AED class(2 employees) and two Blood Borne Pathogen classes(11 employees). Four employees completed the rigging practical exam and received their rigging and signalman cards.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 586
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Oct 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	3,885,048
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	79 °F / 87 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	200	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	100	TO CUT:	00:00	00:00	0.0
WORK PERFORMED				TOTALS:	00:00	00:00	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
AGITATING				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 586
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Oct 2018 - Wednesday

GENERAL COMMENTS

Dredge docked at Port of Gulfport due to Hurricane Michael.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 85° and a real feel temperature of 94°(moderate-high risk).

Tomorrow: Less humid!!!! High of 86° and a real feel temperature of 86°(moderate risk). 5% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Conducted a safety walk around and Predictive Solutions inspections on both the tug and dredge. Minor deficiencies noted were fixed on the spot.

Liberty: SSSH conducted 2 CPR/AED/BBP classes with a total of 8 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 586
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Oct 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 2	REACH DREDGED; STA TO STA HIP 2	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	72 °F / 77 °F	10	2-

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			320	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			210	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 586
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Oct 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island docked at Port of Gulfport all day due to Hurricane Michael.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 85° and a real feel temperature of 94°(moderate-high risk).

Tomorrow: Less humid!!! High of 86° and a real feel temperature of 86°(moderate risk). 5% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Conducted a safety walk around and Predictive Solutions inspections on both the tug and dredge. Minor deficiencies noted were fixed on the spot.

Liberty: SSHO conducted 2 CPR/AED/BBP classes with a total of 8 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 587	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 11 Oct 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,885,048	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>		
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay		79 °F / 87 °F		10		16		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13		30						
AFT	13		30		EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0	
			1		CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0	
			0		DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0	
			200		TOTALS:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:				
			100		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
						LAY TIME:	00:00	00:00	0.0
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 587
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Oct 2018 - Thursday

GENERAL COMMENTS

Dredge docked at Port of Gulfport due to Hurricane Michael. Dredge waiting for cube and booster to be installed.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Jessie: housekeeping, daily duties, inspect and grease equipment

Mobro 1706: hot work, crane lifting, vessel transfer

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crews utilizing safe work practices and wearing all required PPE while performing daily duties. Crew performing quarterly electrical inspections on all power cords.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a high of 84°.

Tomorrow: Sunny skies with a high of 80°.

GENERAL COMMENTS:

Booster Jessie: SSHO worked with the Chief Engineer to sign off 5 open issues. Also worked with the Chief Engineer to conduct an inventory of all chemicals. Escorted E-Fire personnel to the booster to conduct annual fire extinguisher inspections. Several of the FEs were found to be bad and will be replaced next week.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 587			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Oct 2018 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,920,785		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER			1025			GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			72 °F / 77 °F		10		2-		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				320	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				210	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER			H.P.	HOURS	TOTALS:	00:00	24:00	0.0	
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
						CESSATION:	00:00	00:00	0.0	
						COLLISIONS:	00:00	00:00	0.0	
						TOTALS:	00:00	00:00	0.0	
						TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 587
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Oct 2018 - Thursday

GENERAL COMMENTS

The Liberty Island docked at Port of Gulfport all day due to Hurricane Michael. Dredge waiting for bullgang to re-set the booster and move equipment back onto the Island.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Jessie: housekeeping, daily duties, inspect and grease equipment

Mobro 1706: hot work, crane lifting, vessel transfer

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crews utilizing safe work practices and wearing all required PPE while performing daily duties. Crew performing quarterly electrical inspections on all power cords.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a high of 84°.

Tomorrow: Sunny skies with a high of 80°.

GENERAL COMMENTS:

Booster Jessie: SSHO worked with the Chief Engineer to sign off 5 open issues. Also worked with the Chief Engineer to conduct an inventory of all chemicals. Escorted E-Fire personnel to the booster to conduct annual fire extinguisher inspections. Several of the FEs were found to be bad and will be replaced next week.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 588
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Oct 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	72 °F / 77 °F	10	2-

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:00	0.0
				TURNING:	00:00	00:00	0.0
				TO DUMP:	00:00	00:00	0.0
				CONNECTING:	00:00	00:00	0.0
				DUMPING:	00:00	00:00	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 588
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Oct 2018 - Friday

GENERAL COMMENTS

The Liberty Island left the Port of Gulfport at 17:58. They tried to pump water to test the integrity of the line but, are having issues with the sink hose and riser connection. They are currently standing by waiting for the Ellis cube to be installed, then repairs will be made to the Liberty line.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts, greasing gear, working aloft

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Observed crews utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 61° and a high of 82°.

Tomorrow: Low of 70° and a high of 83°.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a safety walk around and Predictive Solutions inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 588			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Oct 2018 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	0	3,885,048			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			79 °F / 87 °F	10	16				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	13	30								
AFT	13	30			EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	200	DUMPING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL	100	DISCONNECTING:	00:00	00:00	0.0		
WORK PERFORMED					TO CUT:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
					TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
					MISCELLANEOUS:	00:00	00:00	0.0		
					TOTALS:	00:00	24:00	0.0		
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 588
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Oct 2018 - Friday

GENERAL COMMENTS

The Ellis Island left the Port of Gulfport around 14:45. The dredge has been anchored near the pumpout since then, awaiting the installation of the Ellis cube and riser. A large ground swell prevented the bull gang from installing the cube and riser today.

370 loads pumped on Ship Island to date: 3,885,048 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

234 loads dug in OCS West Borrow Area to date: 2,501,619 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts, greasing gear, working aloft

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Observed crews utilizing safe work practices while performing crane lifts. Good communication and proper use of tag lines.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 61° and a high of 82°.

Tomorrow: Low of 70° and a high of 83°.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a safety walk around and Predictive Solutions inspection.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 589
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Oct 2018 - Saturday

GENERAL COMMENTS

The bulgang finished placing the cube and riser back into line for the Ellis. At 10:02 the dredge resumed operations digging in OCS West.

1 load pumped on Ship Island today: 10,897 CY

371 loads pumped on Ship Island to date: 3,895,945 CY

133 loads dug in Horn Island Pass Borrow Area to date: 1,354,787 CY

235 loads dug in OCS West Borrow Area to date: 2,512,516 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Two Delays Today:

596min - Waiting for cube/rise install

14min - Slow bell for passing vessel

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Jessie: day tank filling, housekeeping, daily duties

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crew utilizing safe work practices and wearing all required PPE while working on correcting open issues, performing daily duties and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 70° and a high of 83°.

Tomorrow: Low of 75° and a high of 86°.

GENERAL COMMENTS:

Booster Jessie: SSHO conducted a safety walk around and Predictive Solutions inspection. A couple of minor issues were discovered and fixed on the spot by the SSHO. Worked with Chief to take inventory of all chemicals on board and created a chemical list for the Booster. Also worked with Chief to sign off several outstanding PS open issues.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 589
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 13 Oct 2018 - Saturday	

GENERAL COMMENTS

The Liberty Island resumed operations digging in HIP 2. Before pumping out the load, two anchors came loose from the Liberty cube and the riser and sink hose had become disconnected. The dredge spent the remainder of the day standing by for the bullgang to repair the cube/subline.

No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

Two Delays Today:

1300min - Waiting pipeline repairs (Two delays)

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Jessie: day tank filling, housekeeping, daily duties

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crew utilizing safe work practices and wearing all required PPE while working on correcting open issues, performing daily duties and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 70° and a high of 83°.

Tomorrow: Low of 75° and a high of 86°.

GENERAL COMMENTS:

Booster Jessie: SSHO conducted a safety walk around and Predictive Solutions inspection. A couple of minor issues were discovered and fixed on the spot by the SSHO. Worked with Chief to take inventory of all chemicals on board and created a chemical list for the Booster. Also worked with Chief to sign off several outstanding PS open issues.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 590
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Oct 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging in OCS West and HIP 3 and pumping on subline #3. At the end of the day the dredge began sailing to Port of Gulfport for USCG COI.

3 loads pumped on Ship Island today: 32,762 CY
 OCS West: 2 loads / 21,903 CY
 HIP 3: 1 load / 10,859 CY

374 loads pumped on Ship Island to date: 3,928,707 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY
 237 loads dug in OCS West Borrow Area to date: 2,534,419 CY
 3 loads dug in OCS East Borrow Area to date: 28,642 CY

Six Delays Today:

- 37min - Fill site line flush
- 34min - Port of Gulfport for USCG COI
- 16min - Jet pumps not starting (Two delays)
 - 9min - Hose on top of subline
 - 8min - Clearing collection line valves presumed positions

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.
 Mobro 1706: Crane Operator discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Jessie: housekeeping, daily duties
 Mobro 1706: crane lifting, hot work, housekeeping

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crew performing man overboard drill incorporating life ring toss and ensuring all personnel participated. Crew performing housekeeping and daily duties.
 Mobro 1706: Crew utilizing safe work practices while performing crane lifts. Good communication, crews observing the safety zone and staying clear of suspended loads. Crew performing man overboard drill, discussing emergency equipment location and also incorporating life ring toss.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 75° and a high of 87°.
 Tomorrow: Low of 75° and a high of 86°. 40% chance of rain.

GENERAL COMMENTS:

Booster Jessie: Man overboard training with 4 personnel.
 Mobro 1706: Conducted safety walk around. Man overboard training with 3 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 930 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 590
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Oct 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1850
	DENSITY OF WATER		GMS/LITER@	83 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	76 °F / 83 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:00	0.0
			700	TOTALS:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			950	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 590
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Oct 2018 - Sunday

GENERAL COMMENTS

The Liberty Island spent the day standing by for bullgang to complete subline repairs.

No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

One Delay Today:

1440min - Waiting pipeline repairs

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

Mobro 1706: Crane Operator discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Jessie: housekeeping, daily duties

Mobro 1706: crane lifting, hot work, housekeeping

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crew performing man overboard drill incorporating life ring toss and ensuring all personnel participated. Crew performing housekeeping and daily duties.

Mobro 1706: Crew utilizing safe work practices while performing crane lifts. Good communication, crews observing the safety zone and staying clear of suspended loads. Crew performing man overboard drill, discussing emergency equipment location and also incorporating life ring toss.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 75° and a high of 87°.

Tomorrow: Low of 75° and a high of 86°. 40% chance of rain.

GENERAL COMMENTS:

Booster Jessie: Man overboard training with 4 personnel.

Mobro 1706: Conducted safety walk around. Man overboard training with 3 personnel.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 591						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Oct 2018 - Monday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS West and HIP 3		OCS West and HIP 3		Ship Island		0	3,928,707					
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM									
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>									
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>									
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53					
	MIN	0	TIME	19:18	MAX	0	TIME	23:59					
GAGE LOCATION		Pascagoula Range Marker											
GAGE DATUM		NAVD88											
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused No Delay		74 °F / 87 °F		10		15						
DRAFT				DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			13	30									
AFT			13	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0			
				1	CONNECTING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0			
				0	DISCONNECTING:					00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0			
				1,200	TOTALS:					00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:							
				100	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0
						MINOR OPERATING REPAIRS:					00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
						LAY TIME:					00:00	00:00	0.0
						FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:					00:00	24:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
					LOST TIME:								
					MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
					CESSATION:					00:00	00:00	0.0	
					COLLISIONS:					00:00	00:00	0.0	
					TOTALS:					00:00	00:00	0.0	
					TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 591
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Oct 2018 - Monday

GENERAL COMMENTS

The Ellis remained at Port of Gulfport for USCG COI and ABS Inspection.

No loads completed today.

374 loads pumped on Ship Island to date: 3,928,707 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

237 loads dug in OCS West Borrow Area to date: 2,534,419 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Wadmalaw: repack main pump, housekeeping, put on/remove engine stack covers, painting

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew performing housekeeping and painting on the booster. Watch Engineer installing engine stack covers in a safe and efficient manner wearing all required PPE including fall protection.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 75° and a high of 86°.

Tomorrow: Low of 73° and a high of 84°. 40% chance of rain.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted a safety walk around on the booster with no deficiencies noted. Conducted a JSA audit.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 591
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 Oct 2018 - Monday

GENERAL COMMENTS

The bulfgang was able to retrieve the Liberty Island cube. The sink hoses were compromised, and the cube was towed in to repair the hoses and reset the anchor cables. The dredge is standby by at the pumpout waiting for repairs to be completed.

No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

One Delay Today:

1440min - Waiting pipeline repairs

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Wadmalaw: repack main pump, housekeeping, put on/remove engine stack covers, painting

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew performing housekeeping and painting on the booster. Watch Engineer installing engine stack covers in a safe and efficient manner wearing all required PPE including fall protection.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 75° and a high of 86°.

Tomorrow: Low of 73° and a high of 84°. 40% chance of rain.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted a safety walk around on the booster with no deficiencies noted. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 592	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Oct 2018 - Tuesday	
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL HIP 2	REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,920,785	
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>			
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE		MIN 0	TIME 00:00	MAX 1	TIME 08:53	GAGE LOCATION Pascagoula Range Marker		
		MIN 0	TIME 19:18	MAX 0	TIME 23:59	GAGE DATUM NAVD88		
WEATHER CONDITION		WEATHER Weather Caused Critical Delay		TEMP (min / max) 73 °F / 86 °F	VISIBILITY 10	WIND 10		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27	EFFECTIVE WORKING TIME:				
AFT		11	27	PUMPING:	00:00	00:00	0.0	
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0	
			1	DUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0	
			0	TO CUT:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0	
			1,489	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			250	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 592
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Oct 2018 - Tuesday

GENERAL COMMENTS

The Liberty cube is expected to be repaired today but, due poor to weather it will not be placed at the pumpout until approximately Saturday October 20th. Starting today the Liberty will be doing some dredging of the Pascagula Channel near Horn Island starting tomorrow.

No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

One Delay Today:

1440min - Waiting pipeline repairs

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

Mobro 1706: Deck Captain discussed job tasks for the day.

Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Booster Jessie: working in hot weather, daily duties, starting main engines

Mobro 1706: crane lifting, operating heavy equipment/forklift, mechanical duties, hot work

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crew working safely while preparing the booster for start up.

Mobro 1706: Crew cleaning the deck of the anchor barge. Crew performing weekly inspections of equipment. Crew safely performing multiple crane lifts.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 73° and a high of 84°.

Tomorrow: Low of 62° and a high of 82°. 20% chance of rain.

GENERAL COMMENTS:

Booster Jessie: worked with the Chief Engineer to sign off one open issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 592
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Oct 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,088	3,950,795
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 87 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	05:36	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:41	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	06:53	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:29	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	3,000	DUMPING:	00:00	05:34	0.0
GALLONS OF WATER CONSUMED		GAL	300	DISCONNECTING:	00:00	00:26	0.0
WORK PERFORMED				TO CUT:	00:00	04:11	0.0
DREDGING AND HAULING				TOTALS:	00:00	23:50	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
2	22,088	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:10	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:10	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	22,088	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 592
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Oct 2018 - Tuesday

GENERAL COMMENTS

The Ellis returned from inspections in Gulfport and resumed digging in OCS West and pumping westward onto Ship Island.

2 loads pumped on Ship Island today: 22,088 CY

376 loads pumped on Ship Island to date: 3,950,795 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

239 loads dug in OCS West Borrow Area to date: 2,556,507 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

One Delay Today:

10min - Return to borrow area from Port of Gulfport

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day.

Mobro 1706: Deck Captain discussed job tasks for the day.

Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Booster Jessie: working in hot weather, daily duties, starting main engines

Mobro 1706: crane lifting, operating heavy equipment/forklift, mechanical duties, hot work

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Crew working safely while preparing the booster for start up.

Mobro 1706: Crew cleaning the deck of the anchor barge. Crew performing weekly inspections of equipment. Crew safely performing multiple crane lifts.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 73° and a high of 84°.

Tomorrow: Low of 62° and a high of 82°. 20% chance of rain.

GENERAL COMMENTS:

Booster Jessie: worked with the Chief Engineer to sign off one open issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 593
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Oct 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 2	REACH DREDGED; STA TO STA HIP 2	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	73 °F / 86 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27					
AFT		11	27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:				00:00 00:00 0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:				00:00 00:00 0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:				00:00 00:00 0.0
			1	CONNECTING:				00:00 00:00 0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:				00:00 00:00 0.0
			0	DISCONNECTING:				00:00 00:00 0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:				00:00 00:00 0.0
			1,489	TOTALS:				00:00 00:00 0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			250	TAKING ON FUEL AND SUPPLIES:				00:00 00:00 0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00 00:00 0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:				00:00 24:00 0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00 00:00 0.0
				MINOR OPERATING REPAIRS:				00:00 00:00 0.0
				TRANSFERRING BETWEEN WORKS:				00:00 00:00 0.0
				LAY TIME:				00:00 00:00 0.0
				FIRE AND BOAT DRILLS:				00:00 00:00 0.0
ATTENDANT PLANT				MISCELLANEOUS:				00:00 00:00 0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:				00:00 24:00 0.0
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:				00:00 00:00 0.0
				CESSATION:				00:00 00:00 0.0
				COLLISIONS:				00:00 00:00 0.0
				TOTALS:				00:00 00:00 0.0
				TOTAL TIME/MILES:				00:00 24:00 0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 593
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Oct 2018 - Wednesday

GENERAL COMMENTS

The Liberty cube is expected to be installed on 10/20 pending weather.

No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

One Delay Today:

1440min - Waiting pipeline repairs

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day. Also covered SALT book topic on pneumatic tools.

Mobro 1706: Deck Captain discussed job tasks for the day.

Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Booster Jessie: daily duties, housekeeping

Mobro 1706: crane lifting, operating heavy equipment/forklift, mechanical duties, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Welders utilizing safe work practices and wearing all required PPE while performing hot work on the bell and flanges.

Hot work permit was filled out as well. Crew working safely while performing crane lifts and attaching the elbow to the cube. Good communication between the crane operator and crew.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 62° and a high of 82°.

Tomorrow: Low of 66° and a high of 82°. 10% chance of rain.

GENERAL COMMENTS:

SSHO uploaded Ohio River, AB 113, AB 118, ACB8 and ACB9 weekly inspections into NS5. Signed off open issue on the Buddy G.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 593			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 Oct 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	21,900	3,972,695			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
		GAGE LOCATION		Pascagoula Range Marker						
		GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay		61 °F / 70 °F		10		15			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13			30				
AFT			13			30				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>										
INDICATORS LAST CHECKED ON <u>07/14/2018</u>										
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1				
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0				
GALLONS OF FUEL OIL CONSUMED				GAL		4,716				
GALLONS OF WATER CONSUMED				GAL		500				
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	00:00 00:00 00:00						
2	21,900	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:						
				00:00 00:00 00:00						
				LOSS DUE TO NATURAL ELEMENTS:						
				00:00 00:00 00:00						
				LOSS DUE TO TRAFFIC AND BRIDGES						
				00:00 00:00 00:00						
				MINOR OPERATING REPAIRS:						
				00:00 00:24 00:00						
				TRANSFERRING BETWEEN WORKS:						
				00:00 00:00 00:00						
				LAY TIME:						
				00:00 00:00 00:00						
				FIRE AND BOAT DRILLS:						
				00:00 00:00 00:00						
				MISCELLANEOUS:						
				00:00 01:03 00:00						
				TOTALS:						
				00:00 01:27 00:00						
ATTENDANT PLANT				LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					
					00:00 00:00 00:00					
					CESSATION:					
					00:00 00:00 00:00					
					COLLISIONS:					
					00:00 00:00 00:00					
					TOTALS:					
					00:00 00:00 00:00					
					TOTAL TIME/MILES:					
					00:00 24:00 00:00					

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 593
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Oct 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping westward onto Ship Island.

2 loads pumped on Ship Island today: 21,900 CY

378 loads pumped on Ship Island to date: 3,972,695 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

241 loads dug in OCS West Borrow Area to date: 2,578,407 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

30min - Attempting to unclog collection line

24min - Bottom dump to clean hopper

20min - Pickup winch remote control malfunction

13min - Slow bell for crew change

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day. Also covered SALT book topic on pneumatic tools.

Mobro 1706: Deck Captain discussed job tasks for the day.

Stretch and flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Booster Jessie: daily duties, housekeeping

Mobro 1706: crane lifting, operating heavy equipment/forklift, mechanical duties, hot work

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Welders utilizing safe work practices and wearing all required PPE while performing hot work on the bell and flanges.

Hot work permit was filled out as well. Crew working safely while performing crane lifts and attaching the elbow to the cube. Good communication between the crane operator and crew.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 62° and a high of 82°.

Tomorrow: Low of 66° and a high of 82°. 10% chance of rain.

GENERAL COMMENTS:

SSHO uploaded Ohio River, AB 113, AB 118, ACB8 and ACB9 weekly inspections into NS5. Signed off open issue on the Buddy G.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 594
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Oct 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	73 °F / 86 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:00	0.0
				TURNING:	00:00	00:00	0.0
				TO DUMP:	00:00	00:00	0.0
				CONNECTING:	00:00	00:00	0.0
				DUMPING:	00:00	00:00	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 594
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Oct 2018 - Thursday

GENERAL COMMENTS

The Liberty cube is expected to be installed on 10/20 pending weather.

No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

One Delay Today:

1440min - Waiting pipeline repairs / digging Pascgoula channel by Horn Island

SAFETY

SITE CONDITIONS & HOUSEKEEPING:
 Today: Sunny skies with a low of 65° and a high of 82°.
 Tomorrow: Low of 73° and a high of 85° Real feel 93°. 55% chance of rain.

GENERAL COMMENTS:
 SSHA conducted administration work at the office. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 594				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Oct 2018 - Thursday				
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		OCS West	OCS West		Ship Island	32,719	4,005,414				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
		DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND			
		Weather Caused No Delay		62 °F / 66 °F		10		9			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
				13		30					
AFT				13		30		EFFECTIVE WORKING TIME:			
								PUMPING:	00:00	04:32	0.0
								TURNING:	00:00	00:22	0.0
								TO DUMP:	00:00	04:36	0.0
								CONNECTING:	00:00	00:20	0.0
								DUMPING:	00:00	06:43	0.0
								DISCONNECTING:	00:00	00:34	0.0
								TO CUT:	00:00	06:37	0.0
								TOTALS:	00:00	23:44	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON <u>07/14/2018</u>						TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		3,873	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		500	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
WORK PERFORMED						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LAY TIME:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
3	32,719	Ship Island		0		MISCELLANEOUS:	00:00	00:16	0.0		
ATTENDANT PLANT						TOTALS:	00:00	00:16	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS		LOST TIME:					
						MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 594
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 18 Oct 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping westward onto Ship Island.

3 loads pumped on Ship Island today: 32,719 CY

381 loads pumped on Ship Island to date: 4,005,414 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

244 loads dug in OCS West Borrow Area to date: 2,611,126 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

One Delay Today:

16min - Attempting to clear #2 collection line

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny skies with a low of 65° and a high of 82°.

Tomorrow: Low of 73° and a high of 85° Real feel 93°. 55% chance of rain.

GENERAL COMMENTS:

SSHO conducted administration work at the office. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 595
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Oct 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Non Work Day	63 °F / 87 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:00	0.0
				TURNING:	00:00	00:00	0.0
				TO DUMP:	00:00	00:00	0.0
				CONNECTING:	00:00	00:00	0.0
				DUMPING:	00:00	00:00	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 595
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 19 Oct 2018 - Friday

GENERAL COMMENTS

The Liberty cube is expected to be installed on 10/20 pending weather. Liberty off-contract today.
No loads completed today.

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

One Delay Today:

1440min - Waiting pipeline repairs

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 595
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Oct 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	21,718	4,027,132
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	62 °F / 86 °F	10	10

DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		13	30							
AFT		13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	05:43	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:32	0.0		
					TO DUMP:	00:00	05:33	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	CONNECTING:	00:00	00:23	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	04:57	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	3,133	DISCONNECTING:	00:00	00:20	0.0		
GALLONS OF WATER CONSUMED			GAL	500	TO CUT:	00:00	04:15	0.0		
WORK PERFORMED					TOTALS:	00:00	21:43	0.0		
					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	AGITATING TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
2	21,718	Ship Island			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	01:13	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	01:04	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	02:17	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 595
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Oct 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping westward onto Ship Island.

2 loads pumped on Ship Island today: 21,718 CY

383 loads pumped on Ship Island to date: 4,027,132 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

246 loads dug in OCS West Borrow Area to date: 2,632,844 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

73min - Clearing out plugged strainers

50min - Cycling dump doors to clear collection line

12min - No flow from bays 1 and 2

2min - Unable to get suction from gate 5

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed crane safety, hand tools and daily operations.

JSA DISCUSSIONS:

Liberty - Inspecting lifeboat; Working with hand tools; Crane lifts; Welding; Chipping and grinding.

BEHAVIORAL OBSERVATIONS:

Observed MOB exercise. Crew work safely while lowering the lifeboat and making a rescue. Inspected scaffolding on board the Liberty. Scaffolding was erected in the upper engine room.

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain with some sun. High of 85° with a real feel of 94°.

Tomorrow: Low of 84° and a high of 85° Real feel 93°. 40% chance of rain.

GENERAL COMMENTS:

SSHO conducted MOB Prevention training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 596
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 20 Oct 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	17	2	2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	0	1,920,785
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1850</u>
	DENSITY OF WATER	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	65 °F / 81 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED	27	AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	0.0
		11		EFFECTIVE WORKING TIME:			
AFT		11		PUMPING:	00:00	00:20	0.0
				TURNING:	00:00	00:57	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	DUMPING:	00:00	00:00	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	TO CUT:	00:00	00:00	0.0
			0	TOTALS:	00:00	01:17	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			2,987	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
			1,000	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING			TOTAL CYS				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
				00:00 00:00 0.0			
				MINOR OPERATING REPAIRS:			
				00:00 00:00 0.0			
				TRANSFERRING BETWEEN WORKS:			
				00:00 00:00 0.0			
				LAY TIME:			
				00:00 00:00 0.0			
				FIRE AND BOAT DRILLS:			
				00:00 00:00 0.0			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00	22:43	00:00	0.0
				CESSATION:			
				00:00	00:00	00:00	0.0
				COLLISIONS:			
				00:00	00:00	00:00	0.0
				TOTALS:			
				00:00	22:43	00:00	0.0
				TOTAL TIME/MILES:			
				00:00	24:00	00:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 596
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 Oct 2018 - Saturday

GENERAL COMMENTS

The Liberty began the day off-contract at Port of Gulfport waiting for bullgang to reset the cube. The cube was successfully reset and the Liberty resumed digging in HIP 2 at 22:43.

No loads completed today

395 loads pumped on Ship Island to date: 1,920,785 CY

395 loads dug in Horn Island Pass Borrow Area to date: 1,920,785 CY

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 596					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 20 Oct 2018 - Saturday							
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		OCS West		OCS West		Ship Island		10,821		4,037,953			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
		DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker			
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		67 °F / 86 °F		10		10					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
				13		30							
AFT				13		30		EFFECTIVE WORKING TIME:					
								PUMPING:		00:00	01:17	0.0	
								TURNING:		00:00	00:10	0.0	
								TO DUMP:		00:00	03:51	0.0	
								CONNECTING:		00:00	00:33	0.0	
								DUMPING:		00:00	03:33	0.0	
								DISCONNECTING:		00:00	00:15	0.0	
								TO CUT:		00:00	02:16	0.0	
								TOTALS:		00:00	11:55	0.0	
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					NON-EFFECTIVE WORKING TIME:								
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
GALLONS OF FUEL OIL CONSUMED				GAL		2,500		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
GALLONS OF WATER CONSUMED				GAL		500		MINOR OPERATING REPAIRS:		00:00		11:19	0.0
WORK PERFORMED					TRANSFERRING BETWEEN WORKS:		00:00		00:00		00:00	0.0	
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00		00:00		00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		FIRE AND BOAT DRILLS:		00:00		00:00		00:00	0.0
1	10,821	Ship Island		0		MISCELLANEOUS:		00:00		00:46		0.0	
ATTENDANT PLANT					TOTALS:		00:00		12:05		0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS		LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 596
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Oct 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging in OCS West and pumping westward onto Ship Island. At 19:10, the dredge engine alarms sounded due to PLC failure after the dredge pumps clutched out. Dredge was down for the remainder of the day.

1 load pumped on Ship Island today: 10,821 CY

384 loads pumped on Ship Island to date: 4,037,953 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

247 loads dug in OCS West Borrow Area to date: 2,643,665 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

368min - Broken pickup line

289min - Dredge engines alarm PLC failure after dredge pumps clutched out

46min - Fill site line flush

22min - Jet pumps not starting

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed chipping paint, hand tools, PPE and daily operations.

JSA DISCUSSIONS:

Liberty - Welding; Working with hand tools; Crane lifts; Chipping and grinding; Painting; Line handling;

BEHAVIORAL OBSERVATIONS:

Observed MOB exercise again today. Crew continues to maintain safety in forefront of everything they do. Observed crew chipping and grinding. Crew maintained proper PPE at all times.

SITE CONDITIONS & HOUSEKEEPING:

Today: 40% chance of rain with some sun. High of 85° with a real feel of 92°.

Tomorrow: Mostly Sunny Low of 49°, High of 72°

GENERAL COMMENTS:

SSHO conducted PS inspection on board the Liberty.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 597					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Oct 2018 - Sunday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS West		OCS West		Ship Island	0	4,037,953					
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
GAGE LOCATION		Pascagoula Range Marker										
GAGE DATUM		NAVD88										
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		53 °F / 71 °F		10		16					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN				00:00	00:00	0.0		
				1			00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN				00:00	00:00	0.0		
				0			00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL				00:00	00:00	0.0		
				346			00:00	00:00	0.0			
GALLONS OF WATER CONSUMED				GAL				00:00	00:00	0.0		
				500			00:00	00:00	0.0			
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0
					LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0
					MINOR OPERATING REPAIRS:					00:00	24:00	0.0
					TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
					LAY TIME:					00:00	00:00	0.0
					FIRE AND BOAT DRILLS:					00:00	00:00	0.0
					MISCELLANEOUS:					00:00	00:00	0.0
					TOTALS:					00:00	24:00	0.0
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 597
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Oct 2018 - Sunday

GENERAL COMMENTS

The Ellis remained at the pumpout all day down awaiting repairs to dredge engine PLC.

384 loads pumped on Ship Island to date: 4,037,953 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

247 loads dug in OCS West Borrow Area to date: 2,643,665 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Mate discussed daily tasking, change in weather and looking ahead for cold weather.

JSA DISCUSSIONS:

Bull Gang - Crane maintenance; Crane lifts; Vessel transfer; Operating heavy equipment and forklifts; Hot work.

BEHAVIORAL OBSERVATIONS:

Observed crew members putting new cable on wenches. Bull Gang and Booster Jessie crews worked well and safe together.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny, high of 72° with a real feel of 73°.

Tomorrow: Partly sunny, low of 62°, High of 75°

GENERAL COMMENTS:

SSHO conducted Sub-Contractor Orientation on new crew member on the Lady Joyelle. Assisted in clearing off deficiencies in Predictive Solutions on board the Booster Jessie. Conducted PS inspection on the Lady Joyelle.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 597						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 21 Oct 2018 - Sunday						
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 18,963	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,939,748					
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>						
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>83</u> °F						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88			
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused Non-Critical Delay			53 °F / 71 °F		10		16					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			11			27	EFFECTIVE WORKING TIME:						
AFT			11			27	PUMPING:	00:00	02:40	0.0			
							TURNING:	00:00	00:30	0.0			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>							TO DUMP:	00:00	07:42	0.0			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>							CONNECTING:	00:00	00:37	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN	1	DUMPING:	00:00	05:08	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN	0	DISCONNECTING:	00:00	00:40	0.0			
GALLONS OF FUEL OIL CONSUMED					GAL	8,697	TO CUT:	00:00	06:32	0.0			
GALLONS OF WATER CONSUMED					GAL	1,500	TOTALS:	00:00	23:49	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0
4	18,963	Ship Island		0		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:11	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0
						MINOR OPERATING REPAIRS:					00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
						LAY TIME:					00:00	00:00	0.0
						FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:						00:00	00:00	0.0
ITEM	NAME OR NUMBER			H.P.	HOURS	TOTALS:					00:00	00:11	0.0
						LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
						CESSATION:					00:00	00:00	0.0
						COLLISIONS:					00:00	00:00	0.0
						TOTALS:					00:00	00:00	0.0
						TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 597
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 Oct 2018 - Sunday

GENERAL COMMENTS

The Liberty continued digging HIP 2 and pumping onto Ship Island

4 loads pumped on Ship Island today: 18,963 CY

399 loads pumped on Ship Island to date: 1,968,380 CY

399 loads dug in Horn Island Pass Borrow Area to date: 1,968,380 CY

SAFETY

PRE-SHIFT MEETING:
Bull Gang - Mate discussed daily tasking, change in weather and looking ahead for cold weather.

JSA DISCUSSIONS:
Bull Gang - Crane maintenance; Crane lifts; Vessel transfer; Operating heavy equipment and forklifts; Hot work.

BEHAVIORAL OBSERVATIONS:
Observed crew members putting new cable on wenchers. Bull Gang and Booster Jessie crews worked well and safe together.

SITE CONDITIONS & HOUSEKEEPING:
Today: Mostly sunny, high of 72° with a real feel of 73°.
Tomorrow: Partly sunny, low of 62°, High of 75°

GENERAL COMMENTS:
SSHO conducted Sub-Contractor Orientation on new crew member on the Lady Joyelle. Assisted in clearing off deficiencies in Predictive Solutions on board the Booster Jessie. Conducted PS inspection on the Lady Joyelle.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 598
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Oct 2018 - Monday

GENERAL COMMENTS

The Liberty continued digging HIP 2 and pumping onto Ship Island

5 loads pumped on Ship Island today: 23,926 CY

404 loads pumped on Ship Island to date: 1,963,674 CY

404 loads dug in Horn Island Pass Borrow Area to date: 1,963,674 CY

Two Delays Today:

18min - Ballast down due to rough seas (Two delays)

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed change in weather and daily operations. SALT book discussion was on the Buddy System.

JSA DISCUSSIONS:

Fill Site - Changing the wye-valve; Working the light plant; Fueling equipment; Moving equipment with forklift; Transporting equipment with dozer; Building and maintaining dikes; Adding and breaking shorepipe.

BEHAVIORAL OBSERVATIONS:

Observed operators building and maintaining dikes. Dozer's worked close but maintained communications and kept an eye for one another.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny, high of 77° with a real feel of 77°.

Tomorrow: Mostly cloudy with a 60% chance of rain, low of 61°, High of 73°

GENERAL COMMENTS:

SSHO conducted AED inspection on the Fill Site. Conducted PS inspection with no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 598
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Oct 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		17	2		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	6,522	4,044,475
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	49 °F / 76 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		13	30	EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	01:25	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:14	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	02:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:06	0.0
			1	DUMPING:	00:00	02:17	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	02:15	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	08:32	0.0
			1,500	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING		AGITATING					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:			
1	6,522	Ship Island	0	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			
				MISCELLANEOUS:			
				TOTALS:			
				TOTALS:			
				TOTAL TIME/MILES:			
				TOTAL TIME/MILES:			

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				TOTALS:			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 598
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 Oct 2018 - Monday

GENERAL COMMENTS

The Ellis began the day down at the pumpout for repairs to dredge the engine PLC. Repairs were completed in the afternoon and the Ellis resumed operations at 13:45. Drege continued digging in OCS West.

1 load pumped on Ship Island today: 6,522 CY

385 loads pumped on Ship Island to date: 4,044,475 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

248 loads dug in OCS West Borrow Area to date: 2,650,187 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

825min - Dredge engine PLC repairs

90min - Investigating high load and temps at low RPM on STBD dredge pump engine

8min - Flush line for fill site

5min - Adjust settings on swell compensator

SAFETY

PRE-SHIFT MEETING:

Fill Site - Foreman discussed change in weather and daily operations. SALT book discussion was on the Buddy System.

JSA DISCUSSIONS:

Fill Site - Changing the wye-valve; Working the light plant; Fueling equipment; Moving equipment with forklift; Transporting equipment with dozer; Building and maintaining dikes; Adding and breaking shorepipe.

BEHAVIORAL OBSERVATIONS:

Observed operators building and maintaining dikes. Dozer's worked close but maintained communications and kept an eye for one another.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny, high of 77° with a real feel of 77°.

Tomorrow: Mostly cloudy with a 60% chance of rain, low of 61°, High of 73°

GENERAL COMMENTS:

SSHO conducted AED inspection on the Fill Site. Conducted PS inspection with no deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 599	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 Oct 2018 - Tuesday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	HIP 2	HIP 2		Ship Island	14,158	align="center">1,977,832		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>		
	DENSITY OF WATER			1025		GMS/LITER@ <u>83 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
	GAGE LOCATION			Pascagoula Range Marker				
	GAGE DATUM			NAVD88				
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused Non-Critical Delay		62 °F / 68 °F		10		23	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11		27				
AFT		11		27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	02:38	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:26	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	06:50	0.0
			1		CONNECTING:	00:00	02:43	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	04:20	0.0
			0		DISCONNECTING:	00:00	00:18	0.0
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:30	0.0
			8,088		TOTALS:	00:00	21:45	0.0
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:			
			1,400		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:06	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	14,158	Ship Island	0		MINOR OPERATING REPAIRS:	00:00	01:24	0.0
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
					LAY TIME:	00:00	00:00	0.0
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:45	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	02:15	0.0
					LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 599
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 Oct 2018 - Tuesday

GENERAL COMMENTS

The Liberty continued digging HIP 2 and pumping onto Ship Island

3 loads pumped on Ship Island today: 14,158 CY

407 loads pumped on Ship Island to date: 1,977,832 CY

407 loads dug in Horn Island Pass Borrow Area to date: 1,977,832 CY

Four Delays Today:

84min - Gatte on discharge box chain broke

37min - Wait on Ellis Island

8min - Fill site line flush

7min - Ballast down due to rough seas

SAFETY

JSA DISCUSSIONS:

Emma Kate - Personnel transfer

BEHAVIORAL OBSERVATIONS:

Observed crane operations on the Ellis Island. Crew was unloading the crew boat. Crews on both vessel worked together to unload the crew boat in foul weather. Operation went smooth with out an incident. Observed the Captain on the Liberty Island call off personnel transfer due to foul weather and heavy waves.

SITE CONDITIONS & HOUSEKEEPING:

Today: 95% chance of rain today, high of 71° with a real feel of 71°.

Tomorrow: Partly cloudy with a 25% chance of rain, low of 66°, High of 76°

GENERAL COMMENTS:

SSHO entered weekly inspection into NS5

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 599	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 23 Oct 2018 - Tuesday			
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		OCS West	OCS West		Ship Island	22,123	4,066,598		
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1870</u>			
		DENSITY OF WATER				GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53
		MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND	
		Weather Caused No Delay		62 °F / 66 °F		10		10	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13		30						
AFT	13		30		EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	02:52	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:18	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:	00:00	04:18	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:	00:00	00:18	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	3,500	DUMPING:	00:00	08:12	0.0	
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:	00:00	00:28	0.0	
WORK PERFORMED					TO CUT:	00:00	05:08	0.0	
DREDGING AND HAULING		AGITATING			TOTALS:	00:00	21:34	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:				
2	22,123	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:	00:00	01:04	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
					MISCELLANEOUS:	00:00	01:22	0.0	
					TOTALS:	00:00	02:26	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 599
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Oct 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping onto Ship Island.

2 loads pumped on Ship Island today: 22,123 CY

387 loads pumped on Ship Island to date: 4,070,698 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

250 loads dug in OCS West Borrow Area to date: 2,672,310 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Five Delays Today:

54min - Wait on Liberty Island

49min - Repair water leak on main engine cooling system

28min - Wait on technician

8min - Investigate high load temps on STBD dredge pump engine

7min - Repairs to dredge pump

SAFETY

JSA DISCUSSIONS:

Emma Kate - Personnel transfer

BEHAVIORAL OBSERVATIONS:

Observed crane operations on the Ellis Island. Crew was unloading the crew boat. Crews on both vessel worked together to unload the crew boat in foul weather. Operation went smooth with out an incident. Observed the Captain on the Liberty Island call off personnel transfer due to foul weather and heavy waves.

SITE CONDITIONS & HOUSEKEEPING:

Today: 95% chance of rain today, high of 71° with a real feel of 71°.

Tomorrow: Partly cloudy with a 25% chance of rain, low of 66°, High of 76°

GENERAL COMMENTS:

SSHO entered weekly inspection into NS5

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 600				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 24 Oct 2018 - Wednesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 33,514	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,100,112			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>				
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			55 °F / 77 °F		10		12			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13			30					
AFT			13			30	EFFECTIVE WORKING TIME:				
			13			30	PUMPING:	00:00	04:35	0.0	
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>							TURNING:	00:00	00:35	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>							TO DUMP:	00:00	06:40	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN	1	CONNECTING:	00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN	0	DUMPING:	00:00	04:36	0.0	
GALLONS OF FUEL OIL CONSUMED					GAL	3,500	DISCONNECTING:	00:00	00:22	0.0	
GALLONS OF WATER CONSUMED					GAL	500	TO CUT:	00:00	05:40	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES:					
3	33,514	Ship Island		0		00:00 00:00 0.0					
					TO AND FROM WHARF OR ANCHORAGE:						
					00:00 00:00 0.0						
					LOSS DUE TO NATURAL ELEMENTS:						
					00:00 00:00 0.0						
					LOSS DUE TO TRAFFIC AND BRIDGES:						
					00:00 00:00 0.0						
					MINOR OPERATING REPAIRS:						
					00:00 00:00 0.0						
					TRANSFERRING BETWEEN WORKS:						
					00:00 00:00 0.0						
					LAY TIME:						
					00:00 00:00 0.0						
					FIRE AND BOAT DRILLS:						
					00:00 00:00 0.0						
					MISCELLANEOUS:						
					00:00 01:05 0.0						
					TOTALS:						
					00:00 01:05 0.0						
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:						
					00:00 00:00 0.0						
					CESSATION:						
					00:00 00:00 0.0						
					COLLISIONS:						
					00:00 00:00 0.0						
					TOTALS:						
					00:00 00:00 0.0						
					TOTAL TIME/MILES:						
					00:00 24:00 0.0						

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 600
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 24 Oct 2018 - Wednesday	

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping onto Ship Island.

3 loads pumped on Ship Island today: 33,514 CY

390 loads pumped on Ship Island to date: 4,204,212 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

253 loads dug in OCS West Borrow Area to date: 2,705,824 CY

3 loads dug in OCS East Borrow Area to date: 28,642 CY

Two Delays Today:

56min - Fill site line flush

9min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Mate discussed working in cold/rain, job site security and daily operations.

JSA DISCUSSIONS:

Bull Gang - Personnel Transfers; Crane lifts; Hot work; Housekeeping; Operating heavy equipment and forklift

BEHAVIORAL OBSERVATIONS:

Observed crane operations on the derrick. Crew maintained safety throughout duration of the lifts, keeping an eye out on one another, staying out from under loads, communicated and used tag lines.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of rain today, high of 78°, low was 67°.

Tomorrow: Partly cloudy with a 70% chance of rain, low of 62°, High of 76°

GENERAL COMMENTS:

Conducted PS inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 600
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 24 Oct 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2	HIP 2	Ship Island	14,355	1,992,187
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	62 °F / 73 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	02:23	0.0
				TURNING:	00:00	00:28	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>		TO DUMP:	00:00	04:04	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>			CONNECTING:	00:00	00:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	DUMPING:	00:00	03:45	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DISCONNECTING:	00:00	00:20	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	7,616	TO CUT:	00:00	03:41	0.0
GALLONS OF WATER CONSUMED		GAL	1,000	TOTALS:	00:00	14:56	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AGITATING				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:12	0.0
3	14,355	Ship Island	0	LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	08:52	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	09:04	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 600
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 24 Oct 2018 - Wednesday	

GENERAL COMMENTS

The Liberty continued digging HIP 2 and pumping onto Ship Island

3 loads pumped on Ship Island today: 14,355 CY

410 loads pumped on Ship Island to date: 1,992,187 CY

410 loads dug in Horn Island Pass Borrow Area to date: 1,992,187 CY

Five Delays Today:

268min - Fixing leak on booster

233min - Wait on Ellis Island (Two delays)

31min - Crane lift from crew boat

12min - Seas too rough to disconnect

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Mate discussed working in cold/rain, job site security and daily operations.

JSA DISCUSSIONS:

Bull Gang - Personnel Transfers; Crane lifts; Hot work; Housekeeping; Operating heavy equipment and forklift

BEHAVIORAL OBSERVATIONS:

Observed crane operations on the derrick. Crew maintained safety throughout duration of the lifts, keeping an eye out on one another, staying out from under loads, communicated and used tag lines.

SITE CONDITIONS & HOUSEKEEPING:

Today: 25% chance of rain today, high of 78°, low was 67°.

Tomorrow: Partly cloudy with a 70% chance of rain, low of 62°, High of 76°

GENERAL COMMENTS:

Conducted PS inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 601
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 Oct 2018 - Thursday

GENERAL COMMENTS

The Liberty continued digging HIP 2 and pumping onto Ship Island

4 loads pumped on Ship Island today: 19,061 CY

414 loads pumped on Ship Island to date: 2,011,248 CY

414 loads dug in Horn Island Pass Borrow Area to date: 2,011,248 CY

Four Delays Today:

59min - Rough seas (Three delays)
8min - Repairs to ECM

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Rain with a high of 77°.
Tomorrow: Low of 56° and a high of 71°.

GENERAL COMMENTS:

Worked with the Liberty Captain to sign off two open issues. Conducted GLDD safety orientation training with 2 new hire employees. Attended weekly project meeting. Attended monthly SSO meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 601
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Oct 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping onto Ship Island.

1 load pumped on Ship Island today: 11,008 CY

391 loads pumped on Ship Island to date: 4,111,200 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

254 loads dug in OCS West Borrow Area to date: 2,716,832 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Two Delays Today:

888min - Fouled pickup line (unable to untangle due to rough seas)

14min - Wait on Liberty Island

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Rain with a high of 77°.

Tomorrow: Low of 56° and a high of 71°.

GENERAL COMMENTS:

Worked with the Liberty Captain to sign off two open issues. Conducted GLDD safety orientation training with 2 new hire employees.

Attended weekly project meeting. Attended monthly SSHO meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 602
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Oct 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	9,913	4,121,033
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	58 °F / 71 °F	10	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	01:33	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:14	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	02:12	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:12	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,334	DUMPING:	00:00	05:35	0.0
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:17	0.0
WORK PERFORMED				TO CUT:	00:00	02:15	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	12:18	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
1	9,913	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	11:42	0.0
				TOTALS:	00:00	11:42	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 602
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 26 Oct 2018 - Friday	

GENERAL COMMENTS

The Ellis began the day down due to fouled pickup line. After bullgang unfloued the line the dredge resumed operations and continued digging OCS West and pumping onto Ship Island.

1 load pumped on Ship Island today: 9,913 CY

392 loads pumped on Ship Island to date: 4,125,133 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

255 loads dug in OCS West Borrow Area to date: 2,726,745 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Three Delays Today:

618min - Fouled pickup line

69min - Wait on Liberty Island

15min - Flushing line before starting on material

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Chief Engineer discussed job tasks for the day and also discussed core rules and recommended practices from the SALT book. Stretch and flex exercises.

JSA DISCUSSIONS:

Booster Jessie: generator service, daily duties, housekeeping

BEHAVIORAL OBSERVATIONS:

Booster Jessie: Engineer performing daily duties in a safe and efficient manner wearing all required PPE.

Fuel Barge 1002: Chief engineer conducting training with new hire Tankerman.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 56° and a high of 71°.

Tomorrow: Low of 54° and a high of 71°. 25% chance of rain.

GENERAL COMMENTS:

Booster Jessie: SSHO worked with E-fire employee to replace all bad fire extinguishers and sign off the open issue. Also worked with E-fire to inspect the fixed CO2 system and paint locker. Now waiting on estimate for repair/replacements. Worked with Chief Engineer to sign off one other open issue. Conducted a safety walk around and predictive Solutions inspection with minor issues corrected on the spot and one issue added to the PS database.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 602
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Oct 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	19,042	2,030,290
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	64 °F / 71 °F	10	13

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27	EFFECTIVE WORKING TIME:			
AFT		27	PUMPING:	00:00	03:11	0.0
	11		TURNING:	00:00	00:41	0.0
DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>	TO DUMP:	00:00	07:15	0.0
INDICATORS LAST CHECKED ON	<u>05/14/2018</u>		CONNECTING:	00:00	00:43	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	03:34	0.0
		1	DISCONNECTING:	00:00	00:41	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	06:01	0.0
		0	TOTALS:	00:00	22:06	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		8,982	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		1,000	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:05	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:05	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
4	19,042	Ship Island	0	LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	01:44
				TOTALS:	00:00	01:54
ATTENDANT PLANT			LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 602
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 Oct 2018 - Friday

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping onto Ship Island

4 loads pumped on Ship Island today: 19,042 CY

418 loads pumped on Ship Island to date: 2,030,290 CY

418 loads dug in Horn Island Pass Borrow Area to date: 2,030,290 CY

Three Delays Today:

104min - Wait on Ellis Island
 5min - Repairs to hopper discharge valve
 5min - Rough weather during discharge

SAFETY

PRE-SHIFT MEETING:
 Booster Jessie: Chief Engineer discussed job tasks for the day and also discussed core rules and recommended practices from the SALT book. Stretch and flex exercises.

JSA DISCUSSIONS:
 Booster Jessie: generator service, daily duties, housekeeping

BEHAVIORAL OBSERVATIONS:
 Booster Jessie: Engineer performing daily duties in a safe and efficient manner wearing all required PPE.
 Fuel Barge 1002: Chief engineer conducting training with new hire Tankerman.

SITE CONDITIONS & HOUSEKEEPING:
 Today: Low of 56° and a high of 71°.
 Tomorrow: Low of 54° and a high of 71°. 25% chance of rain.

GENERAL COMMENTS:
 Booster Jessie: SSHO worked with E-fire employee to replace all bad fire extinguishers and sign off the open issue. Also worked with E-fire to inspect the fixed CO2 system and paint locker. Now waiting on estimate for repair/replacements. Worked with Chief Engineer to sign off one other open issue. Conducted a safety walk around and predictive Solutions inspection with minor issues corrected on the spot and one issue added to the PS database.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 603
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Oct 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	19,337	2,049,627
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	53 °F / 73 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27					
AFT							
	11	27					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>							
INDICATORS LAST CHECKED ON <u>05/14/2018</u>							
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN				
			1				
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN				
			0				
GALLONS OF FUEL OIL CONSUMED			GAL				
			7,952				
GALLONS OF WATER CONSUMED			GAL				
			1,300				

WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:			
4	19,337	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:48	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:54	0.0
				TOTALS:	00:00	02:42	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 603
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 27 Oct 2018 - Saturday	

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping onto Ship Island

4 loads pumped on Ship Island today: 19,337 CY

422 loads pumped on Ship Island to date: 2,049,627 CY

422 loads dug in Horn Island Pass Borrow Area to date: 2,049,627 CY

Three Delays Today:

114min - Wait on Ellis Island

34min - Repairs to crossover valve between pumps

14min - Repairs to dredge pump

SAFETY

PRE-SHIFT MEETING:

Booster Wadmalaw: Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Wadmalaw: housekeeping

BEHAVIORAL OBSERVATIONS:

Booster Wadmalaw: Crews utilizing safe work practices and wearing all required PPE while performing daily duties.

Crews performing safe vessel transfers handing over all items, maintaining three points of contact and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 54° and a high of 71°.

Tomorrow: Low of 65° and a high of 79°. 10% chance of rain.

Wadmalaw crew is doing a great job of maintaining housekeeping throughout the vessel.

GENERAL COMMENTS:

Booster Wadmalaw: Conducted a safety walk around and Predictive Solutions inspection with no deficiencies noted. Conducted Man Overboard, First Aid Kit and Fall Protection training.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 603				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Oct 2018 - Saturday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island	33,651	4,154,684				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		57 °F / 78 °F		10		12				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	04:59	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:35	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:				00:00	06:11	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:				00:00	00:14	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	3,383	DUMPING:				00:00	05:19	0.0
GALLONS OF WATER CONSUMED			GAL	600	DISCONNECTING:				00:00	00:26	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
3	33,651	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:				00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	00:10	0.0	
				TOTALS:				00:00	00:10	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 603
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Oct 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island.

3 loads pumped on Ship Island today: 33,651 CY

395 loads pumped on Ship Island to date: 4,154,684 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

258 loads dug in OCS West Borrow Area to date: 2,760,396 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

One Delay Today:

10min - Wait on Liberty Island

SAFETY

PRE-SHIFT MEETING:

Booster Wadmalaw: Engineer discussed job tasks for the day.

JSA DISCUSSIONS:

Booster Wadmalaw: housekeeping

BEHAVIORAL OBSERVATIONS:

Booster Wadmalaw: Crews utilizing safe work practices and wearing all required PPE while performing daily duties.

Crews performing safe vessel transfers handing over all items, maintaining three points of contact and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 54° and a high of 71°.

Tomorrow: Low of 65° and a high of 79°. 10% chance of rain.

Wadmalaw crew is doing a great job of maintaining housekeeping throughout the vessel.

GENERAL COMMENTS:

Booster Wadmalaw: Conducted a safety walk around and Predictive Solutions inspection with no deficiencies noted. Conducted Man Overboard, First Aid Kit and Fall Protection training.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 985 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 604
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Oct 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island.

2 loads pumped on Ship Island today: 22,606 CY

397 loads pumped on Ship Island to date: 4,177,290 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

260 loads dug in OCS West Borrow Area to date: 2,783,002 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Two Delays Today:

12min - Low starting velocity; flush line to bring up velocity

6min - Barge generator malfunction

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: making/breaking pontoon connections, moving barges, crane lifting, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews working safely and using good communication while performing multiple crane lifts. Personnel observing the safety zone and staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 65° and a high of 79°.

Tomorrow: Low of 66° and a high of 82°. 10% chance of rain.

GENERAL COMMENTS:

Tug Capt Herbert: Conducted an initial inspection of the vessel. SSHO assisted the crew with correcting multiple issues. Three other issues were discussed with the Captain and added to the Predictive Solutions database. Conducted GLDD safety orientation and Rental Tug orientation with two crew members.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 604				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Oct 2018 - Sunday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,436	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,069,063				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>							
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		62 °F / 80 °F		10		10				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
		11		27							
AFT					EFFECTIVE WORKING TIME:						
		11		27	PUMPING:	00:00	02:49	0.0			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					TURNING:	00:00	00:08	0.0			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TO DUMP:	00:00	07:17	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	CONNECTING:	00:00	00:27	0.0			
				1	DUMPING:	00:00	03:45	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DISCONNECTING:	00:00	00:27	0.0			
				0	TO CUT:	00:00	05:49	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL	TOTALS:	00:00	20:42	0.0			
				8,571	NON-EFFECTIVE WORKING TIME:						
GALLONS OF WATER CONSUMED				GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0			
				1,600	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
WORK PERFORMED					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
4	19,436	Ship Island		0		TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS:	00:00	03:18	0.0			
					TOTALS:	00:00	03:18	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 604
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 Oct 2018 - Sunday

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping onto Ship Island

4 loads pumped on Ship Island today: 19,436 CY

426 loads pumped on Ship Island to date: 2,069,063 CY

426 loads dug in Horn Island Pass Borrow Area to date: 2,069,063 CY

Two Delays Today:

- 148min - Wait on Ellis Island
- 50min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: making/breaking pontoon connections, moving barges, crane lifting, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews working safely and using good communication while performing multiple crane lifts. Personnel observing the safety zone and staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 65° and a high of 79°.

Tomorrow: Low of 66° and a high of 82°. 10% chance of rain.

GENERAL COMMENTS:

Tug Capt Herbert: Conducted an initial inspection of the vessel. SSHO assisted the crew with correcting multiple issues. Three other issues were discussed with the Captain and added to the Predictive Solutions database. Conducted GLDD safety orientation and Rental Tug orientation with two crew members.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 988 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 605			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Oct 2018 - Monday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 4,923	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,073,986		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>			
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
GAGE LOCATION		Pascagoula Range Marker								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay		64 °F / 79 °F		10		10			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11		27						
AFT		11		27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	00:49	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:		00:00	01:37	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:		00:00	00:05	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	4,064	DUMPING:		00:00	01:17	0.0
GALLONS OF WATER CONSUMED				GAL	1,000	DISCONNECTING:		00:00	00:04	0.0
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00	11:37	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00	05:32	0.0	
1	4,923	Ship Island	0		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	01:39	0.0	
					TOTALS:		00:00	18:48	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 605
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 29 Oct 2018 - Monday	

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping onto Ship Island. The dredge spent most of the day at Port of Gulfport to take on fuel and supplies then returned to work at 20:30.

1 load pumped on Ship Island today: 4,923 CY

427 loads pumped on Ship Island to date: 2,073,986 CY

427 loads dug in Horn Island Pass Borrow Area to date: 2,073,986 CY

Four Delays Today:

- 697min - Take on fuel and supplies
- 220min - Sail to Port of Gulfport
- 112min - Sail to borrow area
- 99min - Wait on pilot

SAFETY

PRE-SHIFT MEETING:

Liberty Island: Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Liberty Island: cleaning drag heads, line handling, crane lifts, welding, crew boat personnel transfer, hooking up and letting go, inspect/clean out discharge box

BEHAVIORAL OBSERVATIONS:

Liberty Island: Crew and FB 1002 Tankerman utilizing safe work practices and wearing all required PPE while fueling the vessel. Crews safely performing multiple crane lifts. Good communication, use of tag lines and crews staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 66° and a high of 82°.
 Tomorrow: Low of 67° and a high of 82°. 10% chance of rain.
 Liberty Island crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Liberty Island: SSOH escorted an inspector from the State of Mississippi and assisted with performing a Radiation Program inspection on the vessel. No issues were noted by the inspector.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 605
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 29 Oct 2018 - Monday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	11,252	4,188,542
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	65 °F / 79 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT		30	PUMPING:	00:00	01:26	0.0
	13		TURNING:	00:00	00:11	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TO DUMP:	00:00	02:15	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			CONNECTING:	00:00	00:06	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	02:07	0.0
		1	DISCONNECTING:	00:00	00:09	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	01:51	0.0
		0	TOTALS:	00:00	08:05	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		2,758	TAKING ON FUEL AND SUPPLIES:	00:00	12:34	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	02:34	0.0
		400	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
WORK PERFORMED			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TRANSFERRING BETWEEN WORKS:	00:00	00:00
1	11,252	Ship Island	0	LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	00:47
ATTENDANT PLANT			TOTALS:	00:00	15:55	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 605
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Oct 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island. The Ellis spent most of the day at Port of Gulfport to take on fuel and supplies while the bullgang worked to install the second booster.

1 load pumped on Ship Island today: 11,252 CY

398 loads pumped on Ship Island to date: 4,188,542 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

261 loads dug in OCS West Borrow Area to date: 2,794,254 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

754min - Fueling and taking on supplies

148min - Sail to Port of Gulfport

47min - Fill site flush line

6min - Sail to borrow area from Port of Gulfport

SAFETY

PRE-SHIFT MEETING:

Liberty Island: Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Liberty Island: cleaning drag heads, line handling, crane lifts, welding, crew boat personnel transfer, hooking up and letting go, inspect/clean out discharge box

BEHAVIORAL OBSERVATIONS:

Liberty Island: Crew and FB 1002 Tankerman utilizing safe work practices and wearing all required PPE while fueling the vessel.

Crews safely performing multiple crane lifts. Good communication, use of tag lines and crews staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 66° and a high of 82°.

Tomorrow: Low of 67° and a high of 82°. 10% chance of rain.

Liberty Island crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Liberty Island: SSOH escorted an inspector from the State of Mississippi and assisted with performing a Radiation Program inspection on the vessel. No issues were noted by the inspector.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 606
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Oct 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	8,918	4,197,460
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	68 °F / 85 °F	10	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	01:33	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:17	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	02:10	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:15	0.0
			1	DUMPING:	00:00	02:43	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:25	0.0
			0	TO CUT:	00:00	03:24	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	10:47	0.0
			1,800	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	02:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
1	8,918	Ship Island	0				
				LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	13:13	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	00:00	0.0	
				00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 606
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Oct 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island. The Ellis spent most of the day at Port of Gulfport to take on fuel and supplies while the bullgang worked to install the second booster.

1 load pumped on Ship Island today: 8,918 CY

399 loads pumped on Ship Island to date: 4,197,460 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

262 loads dug in OCS West Borrow Area to date: 2,803,172 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Four Delays Today:

- 640min - Swing subline to connect booster
- 120min - Saitt to OCS West from Gulfport
- 27min - Fouled pickup line
- 6min - Bow coupling power pack malfunction

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: anchoring operations, hopper jet nozzle removal/installation, inspect/clean drag heads, using the incinerator, housekeeping/sanitary, personnel transfer, connecting/disconnecting to the cube, crane lifts

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices and wearing all required PPE while inspecting/cleaning drag heads. Crews performing multiple crane lifts in a safe manner. Good JSA brief, communication between the crew, proper use of tag lines and all personnel stayed clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 68° and a high of 82°.

Tomorrow: Low of 73° and a high of 82°. 10% chance of rain.

Ellis Island crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a safety walk around and Predictive Solutions inspections. Worked with the Welder and the Mate to correct some minor issues that were discovered. Also worked with the Captain and Chief to sign off two other open issues. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 606
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Oct 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	9,177	2,083,163
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	66 °F / 78 °F	10	3

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:40	0.0
				TURNING:	00:00	00:10	0.0
				TO DUMP:	00:00	02:07	0.0
				CONNECTING:	00:00	00:23	0.0
				DUMPING:	00:00	02:14	0.0
				DISCONNECTING:	00:00	00:18	0.0
				TO CUT:	00:00	03:13	0.0
				TOTALS:	00:00	09:05	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO AND FROM WHARF OR ANCHORAGE:	00:00	03:31	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	5,079	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	500	MINOR OPERATING REPAIRS:	00:00	06:30	0.0

WORK PERFORMED				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LAY TIME:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
2	9,177	Ship Island	0	MISCELLANEOUS:	00:00	04:54	0.0
				TOTALS:	00:00	14:55	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 606
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 30 Oct 2018 - Tuesday	

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping onto Ship Island. The Liberty anchored at the barrow area to wait while subline was being put in place. While being anchored, it was discovered that the keelson was filled with water. This water had oil in it, and therefore could not be pumped overboard. At 14:00, the Liberty Island pulled up anchor and headed into Port of Gulfport to pump out remaining water in keelson and then investigate the source of leak.

2 loads pumped on Ship Island today: 9,177 CY

429 loads pumped on Ship Island to date: 2,083,163 CY

429 loads dug in Horn Island Pass Borrow Area to date: 2,083,163 CY

Four Delays Today:

- 390min - At dock; de-water keelson and investigate source of leak
- 252min - Subline repair; at anchor
- 211min - To dock for repairs
- 42min - Fill site flush line

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: anchoring operations, hopper jet nozzle removal/installation, inspect/clean drag heads, using the incinerator, housekeeping/sanitary, personnel transfer, connecting/disconnecting to the cube, crane lifts

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices and wearing all required PPE while inspecting/cleaning drag heads. Crews performing multiple crane lifts in a safe manner. Good JSA brief, communication between the crew, proper use of tag lines and all personnel stayed clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 68° and a high of 82°.
 Tomorrow: Low of 73° and a high of 82°. 10% chance of rain.
 Ellis Island crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a safety walk around and Predictive Solutions inspections. Worked with the Welder and the Mate to correct some minor issues that were discovered. Also worked with the Captain and Chief to sign off two other open issues. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 607
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Oct 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,083,163
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 82 °F	10	17

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			763	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			
				MISCELLANEOUS:			
				TOTALS:	00:00	24:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:			
					00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 607
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 31 Oct 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island remained at the Port of Gulfport for the entire day to pump out remaining water in keelson and then investigate the source of leak.

No loads completed today

429 loads pumped on Ship Island to date: 2,083,163 CY

429 loads dug in Horn Island Pass Borrow Area to date: 2,083,163 CY

One Delay Today:

1440min - At dock to de-water keelson and investigate source of leak

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: anchoring operations, hopper jet nozzle removal/installation, inspect/clean drag heads, using the incinerator, housekeeping/sanitary, personnel transfer, connecting/disconnecting to the cube, crane lifts

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices and wearing all required PPE while inspecting/cleaning drag heads. Crews performing multiple crane lifts in a safe manner. Good JSA brief, communication between the crew, proper use of tag lines and all personnel stayed clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 68° and a high of 82°.

Tomorrow: Low of 73° and a high of 82°. 10% chance of rain.

Ellis Island crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a safety walk around and Predictive Solutions inspections. Worked with the Welder and the Mate to correct some minor issues that were discovered. Also worked with the Captain and Chief to sign off two other open issues. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 607
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Oct 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	10,934	4,208,394
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 85 °F	10	20

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:00	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:00	0.0
			0	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	00:53	0.0
			2,000	TOTALS:	00:00	00:53	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
1	10,934	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	23:07	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	23:07	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 607
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 31 Oct 2018 - Wednesday	

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport awaiting bulgang to repair pipeline. The weather does not allow work on the pipe until Saturday.

1 load pumped on Ship Island today: 10,934 CY

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

One Delay Today:

1387min - Subline leak between cube and booster

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain and Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: anchoring operations, hopper jet nozzle removal/installation, inspect/clean drag heads, using the incinerator, housekeeping/sanitary, personnel transfer, connecting/disconnecting to the cube, crane lifts

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices and wearing all required PPE while inspecting/cleaning drag heads. Crews performing multiple crane lifts in a safe manner. Good JSA brief, communication between the crew, proper use of tag lines and all personnel stayed clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 73° and a high of 82°.

Tomorrow: Low of 58° and a high of 74°. 100% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted a safety walk around and Predictive Solutions inspections. Worked with the Welder and the Mate to correct some minor issues that were discovered. Also worked with the Captain and Chief to sign off two other open issues. Conducted a JSA audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 608
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 Nov 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,083,163
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	63 °F / 77 °F	10	33

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:40	0.0
				TURNING:	00:00	00:07	0.0
				TO DUMP:	00:00	01:55	0.0
				CONNECTING:	00:00	00:10	0.0
				DUMPING:	00:00	00:14	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	03:06	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	11:10	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	09:44	0.0
				TOTALS:	00:00	20:54	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 608
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Nov 2018 - Thursday

GENERAL COMMENTS

The Liberty Island left Port of Gulfport at 0100 and resumed digging at 1110. During the first pumpout of the day, a leak was discovered in the subline. The dredge went down for the rest of the day for the bullgang to repair the leak.

No loads completed today

429 loads pumped on Ship Island to date: 2,083,163 CY

429 loads dug in Horn Island Pass Borrow Area to date: 2,083,163 CY

Three Delays Today:

760min - De-Water keelson and investigate source of leak

578min - Leak discovered in subline during pumpout

6min - ECM alarms reset engines

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: working aloft, housekeeping/sanitary, greasing gear

SITE CONDITIONS & HOUSEKEEPING:

Today: Heavy rain and wind. Low of 56° and a high of 73°.

Tomorrow: Low of 51° and a high of 66°.

GENERAL COMMENTS:

Uploaded ACB8, ACB9, AB 113 and AB 118 weekly inspections into NS5. Conducted monthly AED inspections on the Tug Mackie and Ellis Island. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 608				
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 01 Nov 2018 - Thursday						
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY										
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK									
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		OCS West	OCS West		Ship Island		0	4,208,394								
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM										
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1870</u>										
		DENSITY OF WATER				<u>1025</u>				GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker						
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88						
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND								
		Weather Caused No Delay		63 °F / 77 °F		10		33								
DRAFT						DISTRIBUTION OF TIME AND MILES RUN										
FORWARD		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)							
				13		30		EFFECTIVE WORKING TIME:								
AFT				13		30		PUMPING:	00:00	00:00	0.0					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>						TURNING:	00:00	00:00	0.0							
INDICATORS LAST CHECKED ON <u>07/14/2018</u>						TO DUMP:	00:00	00:00	0.0							
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN	1	CONNECTING:	00:00	00:00	0.0						
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN	0	DUMPING:	00:00	00:00	0.0						
GALLONS OF FUEL OIL CONSUMED					GAL	750	DISCONNECTING:	00:00	00:00	0.0						
GALLONS OF WATER CONSUMED					GAL	0	TO CUT:	00:00	00:00	0.0						
WORK PERFORMED						TOTALS:	00:00	00:00	0.0							
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:										
NO. OF LOADS				TOTAL CYS		DISPOSAL AREA		TOTAL CYS				TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
						LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES						00:00	00:00	0.0		
						MINOR OPERATING REPAIRS:						00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS:						00:00	00:00	0.0		
						LAY TIME:						00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:						00:00	00:00	0.0		
						MISCELLANEOUS:						00:00	24:00	0.0		
						TOTALS:						00:00	24:00	0.0		
						LOST TIME:										
						MAJOR REPAIRS AND ALTERATIONS:						00:00	00:00	0.0		
						CESSATION:						00:00	00:00	0.0		
						COLLISIONS:						00:00	00:00	0.0		
						TOTALS:						00:00	00:00	0.0		
						TOTAL TIME/MILES:						00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 608
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Nov 2018 - Thursday

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport all day awaiting bullgang to repair pipeline leak between the cube and booster Wadmalaw. The weather does not allow work on the pipe until Saturday.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: working aloft, housekeeping/sanitary, greasing gear

SITE CONDITIONS & HOUSEKEEPING:

Today: Heavy rain and wind. Low of 56° and a high of 73°.

Tomorrow: Low of 51° and a high of 66°.

GENERAL COMMENTS:

Uploaded ACB8, ACB9, AB 113 and AB 118 weekly inspections into NS5. Conducted monthly AED inspections on the Tug Mackie and Ellis Island. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 609
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Nov 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,083,163
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	50 °F / 65 °F	10	22

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	00:00	0.0
				TURNING:	00:00	00:00	0.0
				TO DUMP:	00:00	00:00	0.0
				CONNECTING:	00:00	00:00	0.0
				DUMPING:	00:00	00:00	0.0
				DISCONNECTING:	00:00	00:00	0.0
				TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	24:00	0.0
				TOTALS:	00:00	24:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 609
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 02 Nov 2018 - Friday

GENERAL COMMENTS

The Liberty was down for the entire day waiting for the sink hose to be reconnected to the riser.

No loads completed today

429 loads pumped on Ship Island to date: 2,083,163 CY

429 loads dug in Horn Island Pass Borrow Area to date: 2,083,163 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day. SSHO discussed the importance of inspecting all PPE prior to use.

JSA DISCUSSIONS:

Mackie/Ellis: working aloft, housekeeping/sanitary, greasing gear, hot work, painting

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 50° and a high of 67°.

Tomorrow: Low of 58° and a high of 74°.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted the annual fall protection inspection for the vessel. Several pieces of fall protection equipment were discovered to be out of standards and were disposed of properly. Worked with the Chief to sign off one outstanding open issue. Captain discussed Fire extinguishers during his Weekly Tool Box meeting. Also conducted Man overboard drill.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 609					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Nov 2018 - Friday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island		0	4,208,394				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>								
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
	GAGE LOCATION			Pascagoula Range Marker								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		50 °F / 65 °F		10		22					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
		13		30								
AFT		13		30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	403	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	24:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 609
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Nov 2018 - Friday

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport all day awaiting bullgang to repair pipeline leak between the cube and booster Wadmalaw. Weather conditions prevented the bullgang from repairing the leak.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day. SSHO discussed the importance of inspecting all PPE prior to use.

JSA DISCUSSIONS:

Mackie/Ellis: working aloft, housekeeping/sanitary, greasing gear, hot work, painting

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 50° and a high of 67°.

Tomorrow: Low of 58° and a high of 74°.

GENERAL COMMENTS:

Mackie/Ellis: SSHO conducted the annual fall protection inspection for the vessel. Several pieces of fall protection equipment were discovered to be out of standards and were disposed of properly. Worked with the Chief to sign off one outstanding open issue. Captain discussed Fire extinguishers during his Weekly Tool Box meeting. Also conducted Man overboard drill.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 610					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Nov 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island		0	4,208,394				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
	GAGE LOCATION			Pascagoula Range Marker								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		50 °F / 71 °F		10		20					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	400	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	24:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 610
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Nov 2018 - Saturday

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport all day awaiting bullgang to repair pipeline leak between the cube and booster Wadmalaw. Weather conditions prevented the bullgang from repairing the leak.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day.

JSA DISCUSSIONS:

Wadmalaw: housekeeping, cleaning sea chest, put on/remove engine stack covers, change water seal in gland seal pump.

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew utilizing safe work practices and wearing all required PPE while cleaning out the sea chests.

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 58° and a high of 74°.

Tomorrow: Low of 69° and a high of 77°.

Wadmalaw crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Wadmalaw: Completed monthly AED inspection. Conducted safety walk around with no issues noted. JSA audit.

Emma Kate: Completed monthly AED inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 610	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Nov 2018 - Saturday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 8,877	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,092,040
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>				
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Weather Caused No Delay		50 °F / 71 °F		10		29		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27	EFFECTIVE WORKING TIME:				
AFT		11	27	PUMPING:	00:00	01:26	0.0	
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:06	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	02:58	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:14	0.0	
			1	DUMPING:	00:00	01:53	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:11	0.0	
			0	TO CUT:	00:00	02:54	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	09:42	0.0	
			4,959	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
2	8,877	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS:	00:00	14:18	0.0	
				TOTALS:	00:00	14:18	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 610
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 03 Nov 2018 - Saturday	

GENERAL COMMENTS

The Liberty began the day down for repairs to the subline. At 0700, the subline was repaired and the dredge returned to wok. The booster went down in the afternoon for gland seal repairs.

2 loads pumped on Ship Island today: 8,877 CY

431 loads pumped on Ship Island to date: 2,092,040 CY

431 loads dug in Horn Island Pass Borrow Area to date: 2,092,040 CY

Four Delays Today:

392min - Waiting on subline repair

367min - Anchored for booster gland seal repairs

96min - Booster seal repair

3min - Sea chest issue on booster

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Chief discussed job tasks for the day.

JSA DISCUSSIONS:

Wadmalaw: housekeeping, cleaning sea chest, put on/remove engine stack covers, change water seal in gland seal pump.

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew utilizing safe work practices and wearing all required PPE while cleaning out the sea chests.

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 58° and a high of 74°.

Tomorrow: Low of 69° and a high of 77°.

Wadmalaw crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Wadmalaw: Completed monthly AED inspection. Conducted safety walk around with no issues noted. JSA audit.

Emma Kate: Completed monthly AED inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 611					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Nov 2018 - Sunday					
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 23,078	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,115,118				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>							
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
GAGE LOCATION		Pascagoula Range Marker										
GAGE DATUM		NAVD88										
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			58 °F / 74 °F		10		18				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27								
AFT			11	27	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						PUMPING:		00:00	03:23	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:33	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	07:28	0.0		
				1		CONNECTING:		00:00	00:49	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:44	0.0		
				0		DISCONNECTING:		00:00	00:31	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:32	0.0		
				9,629		TOTALS:		00:00	24:00	0.0		
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:						
				1,400		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
5	23,078	Ship Island		0				MINOR OPERATING REPAIRS:		00:00	00:00	0.0
								TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
								LAY TIME:		00:00	00:00	0.0
								FIRE AND BOAT DRILLS:		00:00	00:00	0.0
								MISCELLANEOUS:		00:00	00:00	0.0
								TOTALS:		00:00	00:00	0.0
								LOST TIME:				
								MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
								CESSATION:		00:00	00:00	0.0
								COLLISIONS:		00:00	00:00	0.0
								TOTALS:		00:00	00:00	0.0
								TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 611
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 04 Nov 2018 - Sunday	

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping on Ship Island.

5 loads pumped on Ship Island today: 23,078 CY

436 loads pumped on Ship Island to date: 2,115,118 CY

436 loads dug in Horn Island Pass Borrow Area to date: 2,115,118 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:
Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

JSA DISCUSSIONS:
Mobro 1706: vessel transfer, moving barges, crane lifting, change hoist/drag cable on anchor barge, fueling equipment

BEHAVIORAL OBSERVATIONS:
Mobro 1706: Crew utilizing safe work practices and wearing all required PPE while performing multiple crane lifts. Good communication, hand signals, use of tag lines and crews were staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:
Today: Windy. Low of 69° and a high of 77°. Tomorrow: Low of 72° and a high of 79°. Bullgang is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:
Mobro 1706: Completed monthly AED inspection. Conducted safety walk around with no issues noted. Collected weekly inspection paperwork for the Ohio River, AB 118, ACB8 and ACB9. SSHO will upload to NS5 when system is back on line. AB 113 left for Morgan City yesterday.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 611					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Nov 2018 - Sunday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS West		OCS West		Ship Island	0	4,208,394					
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
	GAGE LOCATION			Pascagoula Range Marker								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		58 °F / 74 °F		10		18					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	1,958	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:					00:00	24:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 611
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 04 Nov 2018 - Sunday	

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport all day awaiting bullgang to repair pipeline leak between the cube and booster Wadmalaw. Weather conditions prevented the bullgang from repairing the leak.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: vessel transfer, moving barges, crane lifting, change hoist/drag cable on anchor barge, fueling equipment

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crew utilizing safe work practices and wearing all required PPE while performing multiple crane lifts. Good communication, hand signals, use of tag lines and crews were staying clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 69° and a high of 77°.

Tomorrow: Low of 72° and a high of 79°.

Bullgang is doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mobro 1706: Completed monthly AED inspection. Conducted safety walk around with no issues noted.

Collected weekly inspection paperwork for the Ohio River, AB 118, ACB8 and ACB9. SSHA will upload to NS5 when system is back on line. AB 113 left for Morgan City yesterday.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE	CONTRACTOR	REPORT NO.
	MsCIP Ship Island Phase I	Great Lakes Dredge & Dock Company, LLC	612

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE
			05 Nov 2018 - Monday

DREDGE (Liberty Island)	HOPPER CAP:	5,000 CY	AVG VOL OF BIN WATER:	10,950 CY	AVG UNFILLED CAP:	4,385 CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		17	2		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	HIP 3	HIP 3	Ship Island	13,942	2,129,060	
	AVG LENGTH OF CUT	4,771 FT	AVG WIDTH OF CUT	1,602 FT	AVG DIST TO DUMP	35 NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1850
	DENSITY OF WATER		GMS/LITER@	83 °F

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	61 °F / 80 °F	10	19

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			

DRAG DEPTH MAX 35 MIN 35				PUMPING:	00:00	01:57	0.0
INDICATORS LAST CHECKED ON 05/14/2018				TURNING:	00:00	00:17	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	06:50	0.0
			1	CONNECTING:	00:00	00:35	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	03:50	0.0
			0	DISCONNECTING:	00:00	00:30	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:52	0.0
			7,976	TOTALS:	00:00	19:51	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,100	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0

WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
3	13,942	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:23	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	03:46	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:09	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 612
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 05 Nov 2018 - Monday

GENERAL COMMENTS

The Liberty continued digging HIP 3 and pumping on Ship Island. At 20:35, the dredge went down for PLC issues and remained down for the remainder of the day.

3 loads pumped on Ship Island today: 13,942 CY

439 loads pumped on Ship Island to date: 2,129,060 CY

439 loads dug in Horn Island Pass Borrow Area to date: 2,129,060 CY

Six Delays Today:

202min - Automation reset to correct issue with skimmer

19min - Aft skimmer not raising

16min - Experimenting with booster Jessie

6min - Swivel ring on probe seized

4min - ECM alarm, restart engine

2min - Speed in line, lining up valves

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts, working with impacts, dredge pump disassembly, grinding and wire wheeling, housekeeping/sanitary

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews very busy on the dredge performing multiple job tasks. Crews utilizing the crane to safely load scaffolding onto the Ohio River maintaining good communication with the boat Captain. Crews performing multiple other crane lifts in a safe manner. Good communication, proper use of hand signals and crews staying clear of suspended loads. Crews utilizing safe work practices and wearing all required PPE while working on the dredge pump.

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 72° and a high of 79°.

Tomorrow: Low of 68° and a high of 82°. 40% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: Conducted a safety walk around with no issues noted. Uploaded weekly inspections for the Ohio River, AB 118, ACB8 and ACB9 to NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008			CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 612		
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05 Nov 2018 - Monday			
DREDGE (Ellis Island)			HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY			AVG UNFILLED CAP: <u>3,828</u> CY				
			NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK			LOCATION CHANNEL OCS West	REACH DREDGED; STA TO STA OCS West	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,208,394					
			AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL			DENSITY OF MATERIALS						GMS/LITER <u>1870</u>			
			DENSITY OF WATER						GMS/LITER@ <u>68</u> °F			
RIVER/TIDE STAGE			MIN 0	TIME 00:00	MAX 1	TIME 08:53	GAGE LOCATION		Pascagoula Range Marker			
			MIN 0	TIME 19:18	MAX 0	TIME 23:59	GAGE DATUM		NAVD88			
WEATHER CONDITION			WEATHER Weather Caused No Delay		TEMP (min / max) 61 °F / 80 °F		VISIBILITY 10		WIND 19			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
				13			30					
AFT										EFFECTIVE WORKING TIME:		
				13			30			PUMPING: 00:00 00:00 0.0		
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>										TURNING: 00:00 00:00 0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>										TO DUMP: 00:00 00:00 0.0		
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN						CONNECTING: 00:00 00:00 0.0	
					1						DUMPING: 00:00 00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN						DISCONNECTING: 00:00 00:00 0.0	
					0						TO CUT: 00:00 00:00 0.0	
GALLONS OF FUEL OIL CONSUMED					GAL						TOTALS: 00:00 00:00 0.0	
					500						NON-EFFECTIVE WORKING TIME:	
GALLONS OF WATER CONSUMED					GAL						TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0	
					0						TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0	
WORK PERFORMED										LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0		
DREDGING AND HAULING				AGITATING						LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA			TOTAL CYS					MINOR OPERATING REPAIRS: 00:00 00:00 0.0		
										TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0		
										LAY TIME: 00:00 00:00 0.0		
										FIRE AND BOAT DRILLS: 00:00 00:00 0.0		
ATTENDANT PLANT										MISCELLANEOUS: 00:00 24:00 0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS						TOTALS: 00:00 24:00 0.0		
										LOST TIME:		
										MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0		
										CESSATION: 00:00 00:00 0.0		
										COLLISIONS: 00:00 00:00 0.0		
										TOTALS: 00:00 00:00 0.0		
										TOTAL TIME/MILES: 00:00 24:00 0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 612
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Nov 2018 - Monday

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport all day awaiting bullgang to repair pipeline leak between the cube and booster Wadmalaw. Weather conditions prevented the bullgang from repairing the leak.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts, working with impacts, dredge pump disassembly, grinding and wire wheeling, housekeeping/sanitary

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews very busy on the dredge performing multiple job tasks. Crews utilizing the crane to safely load scaffolding onto the Ohio River maintaining good communication with the boat Captain. Crews performing multiple other crane lifts in a safe manner. Good communication, proper use of hand signals and crews staying clear of suspended loads. Crews utilizing safe work practices and wearing all required PPE while working on the dredge pump.

SITE CONDITIONS & HOUSEKEEPING:

Today: Windy. Low of 72° and a high of 79°.

Tomorrow: Low of 68° and a high of 82°. 40% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Mackie/Ellis: Conducted a safety walk around with no issues noted. Uploaded weekly inspections for the Ohio River, AB 118, ACB8 and ACB9 to NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 613
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Nov 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	4,208,394
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	69 °F / 77 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30				

AFT	13	30	EFFECTIVE WORKING TIME:			
			PUMPING:	00:00	00:00	0.0
			TURNING:	00:00	00:00	0.0

DRAG DEPTH	MAX	<u>42</u>	MIN	<u>42</u>		TO DUMP:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	DUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	400	TO CUT:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:	00:00	00:00	0.0	

WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	24:00	0.0
				TOTALS:	00:00	24:00	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 613
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Nov 2018 - Tuesday

GENERAL COMMENTS

The Ellis remained at the Port of Gulfport all day awaiting bullgang to repair pipeline leak between the cube and booster Wadmalaw. Weather conditions prevented the bullgang from repairing the leak.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

Mackie/Ellis: Captain/Mate discussed job tasks for the day. SSHO emphasized looking out for one another during the pump disassembly.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, mechanical duties, hot work

Mackie/Ellis: crane lifts, working with impacts, dredge pump disassembly

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews once again very busy on the dredge. Crews utilizing safe work practices and wearing all required PPE while working on the dredge pump. Good communication and great teamwork by all involved.

SITE CONDITIONS & HOUSEKEEPING:

Today: Very foggy morning and afternoon showers. Windy. Low of 71° and a high of 79°.

Tomorrow: Low of 66° and a high of 79°. 60% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 613
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Nov 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,129,060
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	69 °F / 77 °F	10	12

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				

AFT	11	27	EFFECTIVE WORKING TIME:			
			PUMPING:	00:00	00:00	0.0
			TURNING:	00:00	00:00	0.0
			TO DUMP:	00:00	00:00	0.0
			CONNECTING:	00:00	00:00	0.0
			DUMPING:	00:00	00:00	0.0
			DISCONNECTING:	00:00	00:00	0.0
			TO CUT:	00:00	00:00	0.0
			TOTALS:	00:00	00:00	0.0

DRAG DEPTH	MAX <u>35</u>	MIN <u>35</u>
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INDICATORS LAST CHECKED ON <u>05/14/2018</u>
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AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1
--	--	--------	---

AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0
--	--	--------	---

GALLONS OF FUEL OIL CONSUMED		GAL	1,210
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GALLONS OF WATER CONSUMED		GAL	0
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WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0

				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

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QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 613
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Nov 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island remained at anchor near the pumpout all day to troubleshoot PLC issues.

439 loads pumped on Ship Island to date: 2,129,060 CY

439 loads dug in Horn Island Pass Borrow Area to date: 2,129,060 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex and SHAKE exercises conducted.

Mackie/Ellis: Captain/Mate discussed job tasks for the day. SSHO emphasized looking out for one another during the pump disassembly.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, mechanical duties, hot work

Mackie/Ellis: crane lifts, working with impacts, dredge pump disassembly

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews once again very busy on the dredge. Crews utilizing safe work practices and wearing all required PPE while working on the dredge pump. Good communication and great teamwork by all involved.

SITE CONDITIONS & HOUSEKEEPING:

Today: Very foggy morning and afternoon showers. Windy. Low of 71° and a high of 79°.

Tomorrow: Low of 66° and a high of 79°. 60% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 614
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Nov 2018 - Wednesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	0	4,208,394
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1870</u>
	DENSITY OF WATER	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN 0 TIME 00:00	MAX 1 TIME 08:53	GAGE LOCATION Pascagoula Range Marker
	MIN 0 TIME 19:18	MAX 0 TIME 23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	67 °F / 78 °F	10	8

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)

	13	30	EFFECTIVE WORKING TIME:			
AFT	13	30	PUMPING:	00:00	00:00	0.0

DRAG DEPTH	MAX <u>42</u>	MIN <u>42</u>	TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:00	0.0
		1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0
		0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	00:00	0.0
		400	NON-EFFECTIVE WORKING TIME:			

GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED						
DREDGING AND HAULING			AGITATING			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00
				MINOR OPERATING REPAIRS:	00:00	15:00
				TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00

ATTENDANT PLANT						
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	09:00
				TOTALS:	00:00	24:00

				LOST TIME:		
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
				CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 614
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 07 Nov 2018 - Wednesday	

GENERAL COMMENTS

The Ellis remained docked at the Port of Gulfport. The bullgang was able to repair the subline between the booster and cube around 0900 on 11/7. Ellis continued working to replace the STBD DP impeller with an 80 inch trimmed impeller while at dock.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Two Delays Today:

900min - Working to replace STBD dredge pump impeller with 80in trimmed impeller

540min - Leak between cube and booster Wadmalaw

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts, hot work, bench grinder, dredge pump disassembly, housekeeping

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices and wearing all required PPE while working on the dredge pump. Crews safely lifting the impeller from dredge pump. Good communication and great teamwork by all involved. Good turnover between the crews at shift change.

SITE CONDITIONS & HOUSEKEEPING:

Today: Thunderstorms. Low of 66° and a high of 79°.

Tomorrow: Low of 65° and a high of 76°. 50% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 614					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Nov 2018 - Wednesday					
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,129,060					
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>							
	DENSITY OF WATER				GMS/LITER@ <u>83 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 67 °F / 79 °F		VISIBILITY 10		WIND 8				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11			27						
AFT			11			27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>												
INDICATORS LAST CHECKED ON <u>05/14/2018</u>												
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN							
					1							
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN							
					0							
GALLONS OF FUEL OIL CONSUMED					GAL							
					690	NON-EFFECTIVE WORKING TIME:						
GALLONS OF WATER CONSUMED					GAL							
					0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED												
DREDGING AND HAULING					AGITATING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA			TOTAL CYS							
							TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
							LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
							LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
							MINOR OPERATING REPAIRS:		00:00	24:00	0.0	
							TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
							LAY TIME:		00:00	00:00	0.0	
							FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
							MISCELLANEOUS:		00:00	00:00	0.0	
							TOTALS:		00:00	24:00	0.0	
ATTENDANT PLANT												
ITEM	NAME OR NUMBER		H.P.	HOURS								
								MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
								CESSATION:		00:00	00:00	0.0
								COLLISIONS:		00:00	00:00	0.0
								TOTALS:		00:00	00:00	0.0
								TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 614
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Nov 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island remained at anchor near the pumpout all day to troubleshoot PLC issues.

439 loads pumped on Ship Island to date: 2,129,060 CY

439 loads dug in Horn Island Pass Borrow Area to date: 2,129,060 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain/Mate discussed job tasks for the day.

JSA DISCUSSIONS:

Mackie/Ellis: crane lifts, hot work, bench grinder, dredge pump disassembly, housekeeping

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices and wearing all required PPE while working on the dredge pump. Crews safely lifting the impeller from dredge pump. Good communication and great teamwork by all involved. Good turnover between the crews at shift change.

SITE CONDITIONS & HOUSEKEEPING:

Today: Thunderstorms. Low of 66° and a high of 79°.

Tomorrow: Low of 65° and a high of 76°. 50% chance of rain.

Mackie/Ellis crews are doing a good job of maintaining housekeeping throughout their respective work areas.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 615	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08 Nov 2018 - Thursday			
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			17	2		2	7						
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		HIP 3		HIP 3		Ship Island		4,509	2,133,569				
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1850</u>							
		DENSITY OF WATER				1025	GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker			
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		65 °F / 77 °F	10	12							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11	27										
AFT													
		11	27										
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>													
INDICATORS LAST CHECKED ON <u>05/14/2018</u>													
AVERAGE SPEED OF DREDGE DURING LOADING						FT/MIN							
						1							
AVERAGE SPEED OF DREDGE DURING AGITATING						FT/MIN							
						0							
GALLONS OF FUEL OIL CONSUMED						GAL							
						2,084							
GALLONS OF WATER CONSUMED						GAL							
						500							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	00:00	0.0		
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	00:00	0.0
1	4,509	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	20:03	00:00	0.0		
						MINOR OPERATING REPAIRS:		00:00	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	00:00	0.0		
						LAY TIME:		00:00	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:		00:00	00:00	00:00	0.0		
						MISCELLANEOUS:		00:00	00:00	00:00	0.0		
						TOTALS:		00:00	20:03	00:00	0.0		
ATTENDANT PLANT						LOST TIME:							
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	00:00	0.0
								CESSATION:		00:00	00:00	00:00	0.0
								COLLISIONS:		00:00	00:00	00:00	0.0
								TOTALS:		00:00	00:00	00:00	0.0
								TOTAL TIME/MILES:		00:00	24:00	00:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 615
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Nov 2018 - Thursday

GENERAL COMMENTS

The Liberty Island began the day at anchor near the pumpout to troubleshoot PLC issues. Repairs were completed at 20:00 and the dredge resumed operations digging in HIP 3 and pumping on Ship Island.

1 load pumped on Ship Island today: 4,509 CY

440 loads pumped on Ship Island to date: 2,133,569 CY

440 loads dug in Horn Island Pass Borrow Area to date: 2,133,569 CY

One Delay Today:

1203min - Down for PLC troubleshoot and repair

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 40% chance of rain. Windy. Low of 66° and a high of 76°.

Tomorrow: Low of 46° and a high of 72°. 60% chance of rain.

GENERAL COMMENTS:

Conducted safety training with new SSHO. Attended Weekly Project Meeting. Conducted MOB paperwork on individual.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 615						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Nov 2018 - Thursday						
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY								
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
		17	2		2	7							
LOCATION OF WORK	LOCATION CHANNEL OCS West		REACH DREDGED; STA TO STA OCS West		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,208,394					
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>									
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>									
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53					
	MIN	0	TIME	19:18	MAX	0	TIME	23:59					
GAGE LOCATION		Pascagoula Range Marker											
GAGE DATUM		NAVD88											
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused No Delay		65 °F / 77 °F		10		7						
DRAFT				DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			13	30									
AFT			13	30	EFFECTIVE WORKING TIME:								
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	00:00	0.0			
				1	CONNECTING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	00:00	0.0			
				0	DISCONNECTING:					00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	00:00	0.0			
				78	TOTALS:					00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:							
				200	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0
						MINOR OPERATING REPAIRS:					00:00	24:00	0.0
						TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0
						LAY TIME:					00:00	00:00	0.0
						FIRE AND BOAT DRILLS:					00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:					00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					00:00	24:00	0.0	
					LOST TIME:								
					MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
					CESSATION:					00:00	00:00	0.0	
					COLLISIONS:					00:00	00:00	0.0	
					TOTALS:					00:00	00:00	0.0	
					TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 615
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Nov 2018 - Thursday

GENERAL COMMENTS

The Ellis remained docked at the Port of Gulfport working to replace the STBD DP impeller with an 80 inch trimmed impeller.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 40% chance of rain. Windy. Low of 66° and a high of 76°.

Tomorrow: Low of 46° and a high of 72°. 60% chance of rain.

GENERAL COMMENTS:

Conducted safety training with new SSSH. Attended Weekly Project Meeting. Conducted MOB paperwork on individual.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 616	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Nov 2018 - Friday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 18,984	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,152,553
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>			
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>83</u> °F			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 51 °F / 74 °F		VISIBILITY 10		WIND 30
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27					
AFT		11	27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING: 00:00 02:54 0.0				
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING: 00:00 00:20 0.0				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP: 00:00 06:46 0.0				
			1	CONNECTING: 00:00 00:39 0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING: 00:00 04:00 0.0				
			0	DISCONNECTING: 00:00 00:29 0.0				
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT: 00:00 05:42 0.0				
			9,097	TOTALS: 00:00 20:50 0.0				
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			1,500	TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0				
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0				
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0				
4	18,984	Ship Island	0	MINOR OPERATING REPAIRS: 00:00 01:07 0.0				
				TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0				
				LAY TIME: 00:00 00:00 0.0				
				FIRE AND BOAT DRILLS: 00:00 00:00 0.0				
ATTENDANT PLANT				MISCELLANEOUS: 00:00 02:03 0.0				
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS: 00:00 03:10 0.0				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0				
				CESSATION: 00:00 00:00 0.0				
				COLLISIONS: 00:00 00:00 0.0				
				TOTALS: 00:00 00:00 0.0				
				TOTAL TIME/MILES: 00:00 24:00 0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 616
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Nov 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,984 CY

444 loads pumped on Ship Island to date: 2,152,553 CY

444 loads dug in Horn Island Pass Borrow Area to date: 2,152,553 CY

Four Delays Today:

123min - Fault with shallow dump door

52min - Turbo issue

15min - ECM alarm, restart engine (Two Delays)

SAFETY

PRE-SHIFT MEETING:

Mackie - Chief discussed daily operations, firing up engines to get underway.

JSA DISCUSSIONS:

Mackie - Crane lift; Working with impact tools; Line handling; Housekeeping/Sanitary.

BEHAVIORAL OBSERVATIONS:

Observed crew cleaning up the docks and taking the trash off the boat using the crane. Crew worked well together using proper hand signal and communication with radios.

SITE CONDITIONS & HOUSEKEEPING:

Today: 60% chance of rain. Low of 44° and a high of 73°.

Tomorrow: Low of 43° and a high of 57°. Partly cloudy and cooler.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 616		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Nov 2018 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West		OCS West		Ship Island		0	4,208,394	
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>		
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
GAGE LOCATION		Pascagoula Range Marker							
GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		50 °F / 73 °F		10		18		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			13	30					
AFT			13	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:		00:00	00:00	0.0	
		FT/MIN		CONNECTING:		00:00	00:00	0.0	
		1	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				DISCONNECTING:		00:00	00:00	0.0	
		FT/MIN		TO CUT:		00:00	00:00	0.0	
		0	TOTALS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				NON-EFFECTIVE WORKING TIME:					
		GAL		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
		1,000	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
		GAL		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
		200	MINOR OPERATING REPAIRS:		00:00	24:00	0.0		
WORK PERFORMED				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LAY TIME:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0
					MISCELLANEOUS:		00:00	00:00	0.0
					TOTALS:		00:00	24:00	0.0
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 616
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Nov 2018 - Friday

GENERAL COMMENTS

The Ellis remained docked at the Port of Gulfport working to replace the STBD DP impeller with an 80 inch trimmed impeller.

400 loads pumped on Ship Island to date: 4,208,394 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

263 loads dug in OCS West Borrow Area to date: 2,814,106 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Mackie - Chief discussed daily operations, firing up engines to get underway.

JSA DISCUSSIONS:

Mackie - Crane lift; Working with impact tools; Line handling; Housekeeping/Sanitary.

BEHAVIORAL OBSERVATIONS:

Observed crew cleaning up the docks and taking the trash off the boat using the crane. Crew worked well together using proper hand signal and communication with radios.

SITE CONDITIONS & HOUSEKEEPING:

Today: 60% chance of rain. Low of 44° and a high of 73°.

Tomorrow: Low of 43° and a high of 57°. Partly cloudy and cooler.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 617
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Nov 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 9,393 CY

446 loads pumped on Ship Island to date: 2,161,946 CY

446 loads dug in Horn Island Pass Borrow Area to date: 2,161,946 CY

Three Delays Today:

702min - Identifying leak in keelson

8min - Ballast for disconnect

5min - Generator issue, no jets

SAFETY

PRE-SHIFT MEETING:

Wadmalaw - Chief discussed removing wall plates on shaft area, housekeeping and daily tasks.

JSA DISCUSSIONS:

Wadmalaw - Installing jacking bolt on pump; Housekeeping/sanitary; Grinding; Remov/reinstall EMD clutch guard; Remove wall plates on side of shaft area.

BEHAVIORAL OBSERVATIONS:

Observed crews transferring from vessel to vessel. Crews wore proper PPE and followed GLDD's policies and procedures.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 44° and a high of 58°.

Tomorrow: Low of 55° and a high of 61°. Cloudy with a 40% chance of rain.

GENERAL COMMENTS:

Conducted a PS inspection on the Wadmalaw. No deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1038 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 617		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 10 Nov 2018 - Saturday			
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		OCS West	OCS West		Ship Island	10,897	4,219,291		
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS					GMS/LITER <u>1870</u>		
		DENSITY OF WATER			1025		GMS/LITER@ <u>68</u> °F		
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53
		MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER CONDITION		WEATHER			TEMP (min / max)		VISIBILITY		WIND
		Weather Caused No Delay			43 °F / 56 °F		10		18
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13		30						
AFT	13		30		EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	03:04	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:39	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:	00:00	03:46	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:	00:00	00:10	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	1,723	DUMPING:	00:00	02:28	0.0
GALLONS OF WATER CONSUMED				GAL	200	DISCONNECTING:	00:00	00:15	0.0
WORK PERFORMED					TO CUT:	00:00	02:24	0.0	
DREDGING AND HAULING			AGITATING		NON-EFFECTIVE WORKING TIME:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
1	10,897	Ship Island	0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:	00:00	10:32	0.0	
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
					MISCELLANEOUS:	00:00	00:42	0.0	
					TOTALS:	00:00	11:14	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 617
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Nov 2018 - Saturday

GENERAL COMMENTS

The Ellis began the day docked at the Port of Gulfport working to replace the STBD DP impeller with an 80 inch trimmed impeller. After replacing the impeller, the dredge left Gulfport and resumed digging OCS West at 1030.

1 load pumped on Ship Island today: 10,897 CY

401 loads pumped on Ship Island to date: 4,219,291 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

264 loads dug in OCS West Borrow Area to date: 2,825,003 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw - Chief discussed removing wall plates on shaft area, housekeeping and daily tasks.

JSA DISCUSSIONS:

Wadmalaw - Installing jacking bolt on pump; Housekeeping/sanitary; Grinding; Remov/reinstall EMD clutch guard; Remove wall plates on side of shaft area.

BEHAVIORAL OBSERVATIONS:

Observed crews transferring from vessel to vessel. Crews wore proper PPE and followed GLDD's policies and procedures.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 44° and a high of 58°.

Tomorrow: Low of 55° and a high of 61°. Cloudy with a 40% chance of rain.

GENERAL COMMENTS:

Conducted a PS inspection on the Wadmalaw. No deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1040 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 618
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 Nov 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS West	OCS West	Ship Island	22,046	4,241,337
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN 0 TIME 00:00	MAX 1 TIME 08:53	GAGE LOCATION Pascagoula Range Marker
	MIN 0 TIME 19:18	MAX 0 TIME 23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	43 °F / 62 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT		30	PUMPING:	00:00	03:23	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			TURNING:	00:00	00:44	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			TO DUMP:	00:00	05:03	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:29	0.0
		1	DUMPING:	00:00	07:16	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:27	0.0
		0	TO CUT:	00:00	04:20	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	21:42	0.0
		3,000	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		200	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	22,046	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 618
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Nov 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island.

2 loads pumped on Ship Island today: 22,046 CY

403 loads pumped on Ship Island to date: 4,241,337 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

266 loads dug in OCS West Borrow Area to date: 2,847,049 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Nine Delays Today:

49min - Wait on Liberty Island

31min - Fill site line flush (Two delays)

20min - Fix jet pump engine

17min - Unclog #2 collection line

7min - Trouble with powerpack on bow

7min - Controller issues

5min - Booster engine unplanned clutch out

2min - Bow coupling winch malfunction

SAFETY

PRE-SHIFT MEETING:

Liberty -Mate discussed today task.

JSA DISCUSSIONS:

Liberty - Using Incinerator, Hooking up and letting Go, Crew Boat Personnel Transfer, Painting, Cleaning Dragheads and Inspect and Clean out Discharge Box.

BEHAVIORAL OBSERVATIONS:

Observed crews transferring from vessel to vessel. Crews wore proper PPE and followed GLDD's policies and procedures.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloud and cool. Low of 55° and a high of 62°.

Tomorrow: Low of 49° and a high of 73°. Cloudy with a 80% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 618								
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 11 Nov 2018 - Sunday								
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY									
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
		17	2		2	7								
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,181,087							
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM									
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>									
	DENSITY OF WATER				GMS/LITER@ <u>83 °F</u>									
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused No Delay			43 °F / 62 °F		10		18						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			11			27	EFFECTIVE WORKING TIME:							
AFT			11			27	PUMPING:	00:00	03:17	0.0				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>							TURNING:	00:00	00:25	0.0				
INDICATORS LAST CHECKED ON <u>05/14/2018</u>							TO DUMP:	00:00	05:24	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN	1	CONNECTING:	00:00	00:25	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN	0	DUMPING:	00:00	03:42	0.0				
GALLONS OF FUEL OIL CONSUMED					GAL	6,796	DISCONNECTING:	00:00	00:26	0.0				
GALLONS OF WATER CONSUMED					GAL	1,000	TO CUT:	00:00	05:57	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:						00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:						00:00	00:00	0.0
4	19,141	Ship Island		0		LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES:						00:00	00:00	0.0
						MINOR OPERATING REPAIRS:						00:00	01:40	0.0
						TRANSFERRING BETWEEN WORKS:						00:00	00:00	0.0
						LAY TIME:						00:00	00:00	0.0
						FIRE AND BOAT DRILLS:						00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:						00:00	02:44	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:						00:00	04:24	0.0
						LOST TIME:								
						MAJOR REPAIRS AND ALTERATIONS:						00:00	00:00	0.0
						CESSATION:						00:00	00:00	0.0
						COLLISIONS:						00:00	00:00	0.0
						TOTALS:						00:00	00:00	0.0
						TOTAL TIME/MILES:						00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 618
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Nov 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,141 CY

450 loads pumped on Ship Island to date: 2,181,087 CY

450 loads dug in Horn Island Pass Borrow Area to date: 2,181,087 CY

Three Delays Today:

- 150min - Wait on Ellis Island
- 100min - Repair oil line
- 14min - Booster having issues

SAFETY

PRE-SHIFT MEETING:
Liberty -Mate discussed today task.

JSA DISCUSSIONS:
Liberty - Using Incinerator, Hooking up and letting Go, Crew Boat Personnel Transfer, Painting, Cleaning Dragheads and Inspect and Clean out Discharge Box.

BEHAVIORAL OBSERVATIONS:
Observed crews transferring from vessel to vessel. Crews wore proper PPE and followed GLDD's policies and procedures.

SITE CONDITIONS & HOUSEKEEPING:
Today: Cloud and cool. Low of 55° and a high of 62°. Tomorrow: Low of 49° and a high of 73°. Cloudy with a 80% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 619				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Nov 2018 - Monday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS West		OCS West		Ship Island	20,867	4,262,204				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused Non-Critical Delay		55 °F / 74 °F		10		22				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:48	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:38	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	05:00	0.0	
		1		CONNECTING:				00:00	00:11	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	06:01	0.0	
		0		DISCONNECTING:				00:00	00:21	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	04:30	0.0	
		3,000		TOTALS:				00:00	19:29	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		200		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:05	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:28	0.0
2	20,867	Ship Island		0	MINOR OPERATING REPAIRS:				00:00	02:57	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	01:01	0.0	
				TOTALS:				00:00	04:31	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 619
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Nov 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island.

2 loads pumped on Ship Island today: 20,867 CY

405 loads pumped on Ship Island to date: 4,262,204 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

268 loads dug in OCS West Borrow Area to date: 2,867,916 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Eight Delays Today:

- 98min - Fix gland seal
- 79min - Fix articouple
- 28min - Traffic
- 26min - Fill site flush line (Two delays)
- 19min - Wait on Liberty Island
- 6min - Pump out hose kink
- 5min - Weather

SAFETY

PRE-SHIFT MEETING:

Derrick -Discussed the JSA today with crew.

JSA DISCUSSIONS:

Derrick- Welding/Cutting/Burning, Crane lifting, Operation Heavy Equipment & Forklift and Mechanical Duties.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloud and rainy. Low of 49° and a high of 73°.

Tomorrow: Low of 41° and a high of 51°. Cloudy with a 90% chance of rain.

GENERAL COMMENTS:

Enter weekly inspection in NS files.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 619						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Nov 2018 - Monday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 3	HIP 3		Ship Island	9,354	2,190,441						
CHARACTER OF MATERIAL		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
		DENSITY OF MATERIALS				GMS/LITER <u>1850</u>							
RIVER/TIDE STAGE		DENSITY OF WATER		1025		GMS/LITER@ <u>83 °F</u>							
		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker		
WEATHER CONDITION		MIN		0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
Weather Caused No Delay		55 °F / 74 °F		10		22							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11		27									
AFT		11		27									
DRAG DEPTH		MAX <u>35</u> MIN <u>35</u>											
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		6,055							
GALLONS OF WATER CONSUMED				GAL		1,600							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING			AGITATING			TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
2	9,354	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:10		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		09:49		0.0	
						TOTALS:		00:00		09:59		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 619
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Nov 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island. At 14:30, the dredge went down due to a blown flex hose at the pumpout. Weather will prevent the bullgang from going out to repair the hose until Thursday or Friday.

2 loads pumped on Ship Island today: 9,354 CY

452 loads pumped on Ship Island to date: 2,190,441 CY

452 loads dug in Horn Island Pass Borrow Area to date: 2,190,441 CY

Three Delays Today:

572min - Blown flex hose

17min - Wait on Ellis Island

10min - Port main engine down for troubleshooting

SAFETY

PRE-SHIFT MEETING:

Derrick -Discussed the JSA today with crew.

JSA DISCUSSIONS:

Derrick- Welding/Cutting/Burning, Crane lifting, Operation Heavy Equipment & Forklift and Mechanical Duties.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloud and rainy. Low of 49° and a high of 73°.

Tomorrow: Low of 41° and a high of 51°. Cloudy with a 90% chance of rain.

GENERAL COMMENTS:

Enter weekly inspection in NS files.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 620
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Nov 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,190,441
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	43 °F / 58 °F	10	30

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0

DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	1,832	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	1,400	TO CUT:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0

WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	24:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	24:00	0.0
				LOST TIME:			

				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 620
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Nov 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island was docked in Port of Gulfport all day while the bullgang repairs the sink hose.

0 loads pumped on Ship Island today: 0 CY

452 loads pumped on Ship Island to date: 2,190,441 CY

452 loads dug in Horn Island Pass Borrow Area to date: 2,190,441 CY

SAFETY

PRE-SHIFT MEETING:

Liberty -Discussed the JSA's and daily tasks

JSA DISCUSSIONS:

Liberty- Dropping and Heaving Anchor, Line Handling and Tying Up and Letting go, Changing Dragarm Wires and Using impact Gun.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew changing out dragarm wires. Crews were wearing the proper gloves for the work and conditions the task was being preformed in. Crews was communicating well with the mate.

SITE CONDITIONS & HOUSEKEEPING:

Today: 80% chance of rain. Low of 39° and a high of 52°.

Tomorrow: Low of 30° and a high of 47°. Cloudy with a 75% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 620			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Nov 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS West		OCS West		Ship Island	20,755	4,282,959			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			42 °F / 57 °F		10		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	03:15	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:35	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	03:58	0.0	
			1	CONNECTING:		00:00	00:25	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:44	0.0	
			0	DISCONNECTING:		00:00	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	04:20	0.0	
			3,274	TOTALS:		00:00	18:34	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	20,755	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	02:56	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	02:30	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	05:26	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 620
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Nov 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS West and pumping out on Ship Island.

2 loads pumped on Ship Island today: 20,755 CY

407 loads pumped on Ship Island to date: 4,282,959 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

270 loads dug in OCS West Borrow Area to date: 2,888,671 CY

2 loads dug in OCS East Borrow Area to date: 28,642 CY

Eight Delays Today:

- 82min - Investigate possible kink in float hose
- 64min - High cylinder temperature in STBD dredge pump
- 39min - Backflushing STBD dredge pump
- 37min - Repairing jet pump
- 36min - Dumping and flushig hopper
- 36min - Fill site line flush (Two delays)
- 32min - Crane lift from crew boat

SAFETY

PRE-SHIFT MEETING:

Liberty -Discussed the JSA's and daily tasks

JSA DISCUSSIONS:

Liberty- Dropping and Heaving Anchor, Line Handling and Tying Up and Letting go, Changing Dragarm Wires and Using impact Gun.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew changing out dragarm wires. Crews were wearing the proper gloves for the work and conditions the task was being preformed in. Crews was communicating well with the mate.

SITE CONDITIONS & HOUSEKEEPING:

Today: 80% chance of rain. Low of 39° and a high of 52°.

Tomorrow: Low of 30° and a high of 47°. Cloudy with a 75% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 621		
CHARACTER OF REPORT		<input checked="checked" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 14 Nov 2018 - Wednesday		
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,190,441	
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1850</u>		
		DENSITY OF WATER		<u>1025</u>		GMS/LITER@ <u>83 °F</u>		
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>				
		MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 37 °F / 43 °F	VISIBILITY 10	WIND 18		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			<u>11</u>	<u>27</u>				
AFT			<u>11</u>	<u>27</u>				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>								
INDICATORS LAST CHECKED ON <u>05/14/2018</u>								
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	EFFECTIVE WORKING TIME:				
			<u>1</u>	PUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	TURNING:	00:00	00:00	0.0	
			<u>0</u>	TO DUMP:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	CONNECTING:	00:00	00:00	0.0	
			<u>723</u>	DUMPING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL	DISCONNECTING:	00:00	00:00	0.0	
			<u>0</u>	TO CUT:	00:00	00:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS:	00:00	24:00	0.0	
				TOTALS:	00:00	24:00	0.0	
ATTENDANT PLANT				LOST TIME:				
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 621
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Nov 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island was docked in Port of Gulfport all day while the bullgang repairs the sink hose.

0 loads pumped on Ship Island today: 0 CY

452 loads pumped on Ship Island to date: 2,190,441 CY

452 loads dug in Horn Island Pass Borrow Area to date: 2,190,441 CY

SAFETY

PRE-SHIFT MEETING:

Liberty -Discussed the JSA's and daily tasks

JSA DISCUSSIONS:

Liberty- Dropping and Heaving Anchor, Line Handling and Tying Up and Letting go, Changing Dragarm Wires and Using impact Gun.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew changing out dragarm wires. Crews were wearing the proper gloves for the work and conditions the task was being preformed in. Crews was communicating well with the mate.

SITE CONDITIONS & HOUSEKEEPING:

Today: 80% chance of rain. Low of 39° and a high of 52°.

Tomorrow: Low of 30° and a high of 47°. Cloudy with a 75% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 621	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Nov 2018 - Wednesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS West and OCS East		OCS West and OCS East		Ship Island	21,931	4,304,890	
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>				
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Weather Caused No Delay		37 °F / 43 °F		10		18		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		13	30	EFFECTIVE WORKING TIME:				
AFT		13	30	PUMPING:	00:00	02:16	0.0	
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:21	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	04:12	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:22	0.0	
			1	DUMPING:	00:00	06:03	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:23	0.0	
			0	TO CUT:	00:00	04:43	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	18:20	0.0	
			3,225	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	03:00	0.0	
2	21,931	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS:	00:00	02:40	0.0	
				TOTALS:	00:00	05:40	0.0	
ATTENDANT PLANT				LOST TIME:				
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 621
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Nov 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging OCS West and OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 21,931 CY

1 load / 10,782 CY (OCS West)

1 load / 11,149 CY (OCS East)

409 loads pumped on Ship Island to date: 4,304,890 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

3 loads dug in OCS East Borrow Area to date: 29,293 CY

Six Delays Today:

92min - Gland seal packing smoking

88min - CPP electrical communication issues

85min - Slow bell wait on fill site

40min - Move to OCS East from OCS West

18min - #2 collection line plugged

17min - Fill site line flush

SAFETY

PRE-SHIFT MEETING:

Liberty -Discussed the JSA's and daily tasks

JSA DISCUSSIONS:

Liberty- Dropping and Heaving Anchor, Line Handling and Tying Up and Letting go, Changing Dragarm Wires and Using impact Gun.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew changing out dragarm wires. Crews were wearing the proper gloves for the work and conditions the task was being performed in. Crews was communicating well with the mate.

SITE CONDITIONS & HOUSEKEEPING:

Today: 80% chance of rain. Low of 39° and a high of 52°.

Tomorrow: Low of 30° and a high of 47°. Cloudy with a 75% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 622			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Nov 2018 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 7,566	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,198,007		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			37 °F / 42 °F		10		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	01:49	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:17	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	02:59	0.0		
			1		CONNECTING:	00:00	00:07	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	01:06	0.0		
			0		DISCONNECTING:	00:00	00:06	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	02:49	0.0		
			4,331		TOTALS:	00:00	09:13	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
1	7,566	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	14:47	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	14:47	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 622
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 15 Nov 2018 - Thursday	

GENERAL COMMENTS

The Liberty Island began the day docked in Port of Gulfport while the bullgang repairs the sink hose. The repairs were completed and the dredge broke dock and resumed operations at 14:15. Digging HIP 3.

2 loads pumped on Ship Island today: 7,566 CY

454 loads pumped on Ship Island to date: 2,198,007 CY

454 loads dug in Horn Island Pass Borrow Area to date: 2,198,007 CY

Two Delays Today:

- 867min - Repairs to sink hose
- 20min - Booster Jessie lost engines

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 38° and a high of 53°.
 Tomorrow: Low of 44° and a high of 61°. 0% chance of rain.

GENERAL COMMENTS:

Conducted training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 622
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 15 Nov 2018 - Thursday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

1 load pumped on Ship Island today: 11,252 CY

410 loads pumped on Ship Island to date: 4,316,142 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

4 loads dug in OCS East Borrow Area to date: 40,545 CY

Five Delays Today:

333min - Wait on fill site due to crew boat issue (Two delays)

83min - Cleaning hopper

69min - Wait on Liberty Island

54min - Jessie repairing starters

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 38° and a high of 53°.

Tomorrow: Low of 44° and a high of 61°. 0% chance of rain.

GENERAL COMMENTS:

Conducted training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 623
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Nov 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,318 CY

458 loads pumped on Ship Island to date: 2,217,325 CY

458 loads dug in Horn Island Pass Borrow Area to date: 2,217,325 CY

Seven Delays Today:

101min - Wait on Ellis Island

86min - Wadmalaw flost hose flange leak repair

48min - Shut down for ECM alarms (Two delays)

47min - Main engine/propulsion

2min - Booster Jessie changing pump

2min - Fill site line flush

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 44° and a high of 61°.

Tomorrow: Low of 48° and a high of 67°. 0% chance of rain.

GENERAL COMMENTS:

Conducted monthly AED inspection on the Booster Jessie. Continued training with new SSHO. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1062 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 623
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Nov 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS East	OCS East	Ship Island	34,199	4,350,341
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>
	MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	36 °F / 61 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT				EFFECTIVE WORKING TIME:			
	13	30		PUMPING:	00:00	03:33	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:41	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	05:18	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:21	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	06:15	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,500	DISCONNECTING:	00:00	00:25	0.0
GALLONS OF WATER CONSUMED		GAL	500	TO CUT:	00:00	07:19	0.0
WORK PERFORMED				TOTALS:	00:00	23:52	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
3	34,199	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:08	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
3	34,199	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 623
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Nov 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

3 loads pumped on Ship Island today: 34,199 CY

413 loads pumped on Ship Island to date: 4,350,341 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

7 loads dug in OCS East Borrow Area to date: 74,744 CY

Two Delays Today:

5min - Lost fuel pressure

3min - Jet pump would not start

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 44° and a high of 61°.

Tomorrow: Low of 48° and a high of 67°. 0% chance of rain.

GENERAL COMMENTS:

Conducted monthly AED inspection on the Booster Jessie. Continued training with new SSHO. Attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1064 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 624
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Nov 2018 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	19,338	2,236,663
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	37 °F / 58 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	02:52	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	08:51	0.0
			1	CONNECTING:	00:00	00:27	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:23	0.0
			0	DISCONNECTING:	00:00	00:27	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:52	0.0
			8,238	TOTALS:	00:00	22:52	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,338	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:59	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:09	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:08	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 624
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Nov 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,338 CY

462 loads pumped on Ship Island to date: 2,236,663 CY

462 loads dug in Horn Island Pass Borrow Area to date: 2,236,663 CY

Three Delays Today:

59min - ECM Alarm (Two delays)

9min - Supply transfer

SAFETY

JSA DISCUSSIONS:

Mobro 1706: crane lifts, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crane operator cleaning up the deck of the barge. Stowing lines and picking up all items off the deck.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 67°.

Tomorrow: Low of 48° and a high of 68°. 0% chance of rain.

GENERAL COMMENTS:

Continued training with new SSHO. Conducted a safety walk around and Predictive Solutions inspection on the Mobro 1706. Some minor issues were discovered and fixed on the spot by the crane operator and SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 624					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 17 Nov 2018 - Saturday							
DREDGE (Ellis Island)		HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				17		2				2		7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		OCS East		OCS East		Ship Island		22,708		4,373,049			
		AVG LENGTH OF CUT <u>1,700</u> FT			AVG WIDTH OF CUT <u>1,800</u> FT			AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
		DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE		MIN 0		TIME 00:00		MAX 1		TIME 08:53		GAGE LOCATION Pascagoula Range Marker			
		MIN 0		TIME 19:18		MAX 0		TIME 23:59		GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER				TEMP (min / max)		VISIBILITY		WIND			
		Weather Caused No Delay				39 °F / 66 °F		10		7			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				13		30							
AFT				13		30							
DRAG DEPTH		MAX <u>42</u>		MIN <u>42</u>									
INDICATORS LAST CHECKED ON <u>07/14/2018</u>													
AVERAGE SPEED OF DREDGE DURING LOADING								FT/MIN		1			
AVERAGE SPEED OF DREDGE DURING AGITATING								FT/MIN		0			
GALLONS OF FUEL OIL CONSUMED								GAL		3,000			
GALLONS OF WATER CONSUMED								GAL		500			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
2		22,708		Ship Island		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
								MINOR OPERATING REPAIRS:		00:00		00:00	
								TRANSFERRING BETWEEN WORKS:		00:00		00:00	
								LAY TIME:		00:00		00:00	
								FIRE AND BOAT DRILLS:		00:00		00:00	
								MISCELLANEOUS:		00:00		02:11	
								TOTALS:		00:00		02:11	
ATTENDANT PLANT						LOST TIME:							
ITEM		NAME OR NUMBER				H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	
										CESSATION:		00:00	
										COLLISIONS:		00:00	
										TOTALS:		00:00	
										TOTAL TIME/MILES:		00:00	
												24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 624
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 17 Nov 2018 - Saturday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 22,708 CY

415 loads pumped on Ship Island to date: 4,373,049 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

9 loads dug in OCS East Borrow Area to date: 97,452 CY

Three Delays Today:

114min - Wait on Liberty Island (Two delays)

17min - Crane transfer

SAFETY

JSA DISCUSSIONS:

Mobro 1706: crane lifts, operating heavy equipment

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crane operator cleaning up the deck of the barge. Stowing lines and picking up all items off the deck.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 67°.

Tomorrow: Low of 48° and a high of 68°. 0% chance of rain.

GENERAL COMMENTS:

Continued training with new SSHO. Conducted a safety walk around and Predictive Solutions inspection on the Mobro 1706. Some minor issues were discovered and fixed on the spot by the crane operator and SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 625				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Nov 2018 - Sunday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	22,777	4,395,826				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		39 °F / 68 °F		10		8				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:31	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:15	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	05:01	0.0	
		1		CONNECTING:				00:00	00:25	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	06:46	0.0	
		0		DISCONNECTING:				00:00	00:22	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	04:58	0.0	
		3,000		TOTALS:				00:00	20:18	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0
2	22,777	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	00:51	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	02:51	0.0	
				TOTALS:				00:00	03:42	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 625
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 18 Nov 2018 - Sunday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 22,777 CY

417 loads pumped on Ship Island to date: 4,373,049 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

11 loads dug in OCS East Borrow Area to date: 120,229 CY

Three Delays Today:

171min - Wait on Liberty Island (Two delays)

51min - Dumping and cleaning hopper

SAFETY

JSA DISCUSSIONS:

Mobro 1706: crane lifts, operating heavy equipment, housekeeping

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crane operator performing housekeeping and also conducting weekly inspection on the crane.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 68°.

Tomorrow: Low of 48° and a high of 69°. 20% chance of rain.

GENERAL COMMENTS:

Continued training with new SSHO. Worked on project administrative duties.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 625			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 18 Nov 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,357	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,256,020		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			42 °F / 67 °F		10		5		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		11		27						
AFT		11		27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:05	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:21	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	07:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:31	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	04:22	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	00:34	0.0		
					TO CUT:	00:00	05:35	0.0		
					TOTALS:	00:00	21:28	0.0		
					NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
4	19,357	Ship Island	0		LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	02:32	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	02:32	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 625
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Nov 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,357 CY

466 loads pumped on Ship Island to date: 2,256,020 CY

466 loads dug in Horn Island Pass Borrow Area to date: 2,256,020 CY

Six Delays Today:

98min - ECM Alarm (Three delays)

32min - Stop digging to flush STBD pump

22min - Main engine/propulsion (Two delays)

SAFETY

JSA DISCUSSIONS:

Mobro 1706: crane lifts, operating heavy equipment, housekeeping

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crane operator performing housekeeping and also conducting weekly inspection on the crane.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 68°.

Tomorrow: Low of 48° and a high of 69°. 20% chance of rain.

GENERAL COMMENTS:

Continued training with new SSHO. Worked on project administrative duties.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 626					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Nov 2018 - Monday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
	OCS East	OCS East		Ship Island	22,914	4,418,740						
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025		GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
	GAGE LOCATION			Pascagoula Range Marker								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		46 °F / 69 °F		10		9					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	02:17	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:23	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	04:59	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:13	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	3,000	DUMPING:					00:00	09:29	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:33	0.0
WORK PERFORMED				TO CUT:					00:00	05:15	0.0	
DREDGING AND HAULING		AGITATING		TOTALS:					00:00	23:09	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:								
2	22,914	Ship Island	0	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:51	0.0	
				TOTALS:					00:00	00:51	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 626
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Nov 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 22,914 CY

419 loads pumped on Ship Island to date: 4,418,740 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

13 loads dug in OCS East Borrow Area to date: 143,143 CY

Three Delays Today:

25min - Low velocity flushing water

14min - Booster switching lines

12min - Jessie checking packing

SAFETY

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary, painting

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew painting side of booster utilizing safe work practices and wearing all required PPE.

Crews performing safe vessel transfers handing over all items and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 69°.

Tomorrow: Low of 43° and a high of 63°. 10% chance of rain.

GENERAL COMMENTS:

Continued training with new SSHO. Uploaded Ohio River weekly inspection into NS5. Completed Ohio River AED monthly inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 626				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Nov 2018 - Monday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,652	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,275,672				
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>						
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>83</u> °F						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			47 °F / 67 °F		10		7			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
			11								
AFT			11				EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	03:03	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING					TO DUMP:		00:00	06:59	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING					CONNECTING:		00:00	00:26	0.0		
GALLONS OF FUEL OIL CONSUMED					DUMPING:		00:00	02:59	0.0		
GALLONS OF WATER CONSUMED					DISCONNECTING:		00:00	00:17	0.0		
WORK PERFORMED					TO CUT:		00:00	05:31	0.0		
DREDGING AND HAULING		AGITATING			TOTALS:		00:00	19:15	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	NON-EFFECTIVE WORKING TIME:						
4	19,652	Ship Island		0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	01:00	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS:		00:00	03:45	0.0		
					TOTALS:		00:00	04:45	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 626
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 19 Nov 2018 - Monday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,652 CY

470 loads pumped on Ship Island to date: 2,275,672 CY

470 loads dug in Horn Island Pass Borrow Area to date: 2,275,672 CY

Four Delays Today:

166min - Waiting for Ellis Island

60min - Slow sail to troubleshoot ECM issues

35min - Jessie pump bypass/testing pumps

24min - Booster switching valves

SAFETY

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary, painting

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crew painting side of booster utilizing safe work practices and wearing all required PPE.

Crews performing safe vessel transfers handing over all items and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 69°.

Tomorrow: Low of 43° and a high of 63°. 10% chance of rain.

GENERAL COMMENTS:

Continued training with new SSHO. Uploaded Ohio River weekly inspection into NS5. Completed Ohio River AED monthly inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 627			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Nov 2018 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,632	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,295,304		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
				GAGE LOCATION		Pascagoula Range Marker				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			46 °F / 63 °F		10		10		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						PUMPING:		00:00	03:06	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	06:43	0.0
				1	CONNECTING:		00:00	00:22	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	03:59	0.0
				0	DISCONNECTING:		00:00	00:24	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:00	0.0
				7,729	TOTALS:		00:00	20:34	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				2,200	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
4	19,632	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT						MISCELLANEOUS:		00:00	03:26	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	03:26	0.0	
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 627
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 20 Nov 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,632 CY

474 loads pumped on Ship Island to date: 2,295,304 CY

474 loads dug in Horn Island Pass Borrow Area to date: 2,295,304 CY

Three Delays Today:

128min - Jessie shutdown to weld hole in pipe

51min - Fill site line flush to advance valves

27min - Booster switching valves

SAFETY

PRE-SHIFT MEETING:

Fill Site: Fill Foreman discussed job tasks for the day stressing good communication. Also discussed SALT book topic "Hand Placement". Stretch/Flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Fill Site: moving equipment with forklift, pulling the drag bar, building/maintaining dikes, fueling equipment, working the light plant, adding/breaking shore pipe, changing the wye valve.

BEHAVIORAL OBSERVATIONS:

Fill Site: Crews moving shacks and equipment to new location. Operators utilizing heavy equipment/building/maintaining dikes in a safe and efficient manner. All personnel communicating well and observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Light rain. Low of 43° and a high of 63°.

Tomorrow: Low of 42° and a high of 64°. 10% chance of rain.

Fill Site crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Continued training with new SSHO. Conducted Predictive Solutions inspection on the Brooke Elizabeth. Some minor issues noted were fixed on the spot by the SSHOs. Conducted a safety walk around and Predictive Solutions inspection at the Fill Site. One issue was added to the PS database(gangway needs to be replaced). Conducted monthly AED inspection at the Fill Site.

Ellis Island: Conducted semi-annual radiation testing.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 627	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Nov 2018 - Tuesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	OCS East		OCS East		Ship Island	22,913	4,441,653	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>				
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
	GAGE LOCATION			Pascagoula Range Marker				
	GAGE DATUM			NAVD88				
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay		46 °F / 63 °F		10		18	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13	30				
AFT			13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:		00:00	02:14	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:		00:00	00:23	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:		00:00	04:58	0.0
			1	CONNECTING:		00:00	00:15	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:		00:00	07:27	0.0
			0	DISCONNECTING:		00:00	00:12	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:		00:00	04:49	0.0
			3,000	TOTALS:		00:00	20:18	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00
2	22,913	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:02
					TRANSFERRING BETWEEN WORKS:		00:00	00:00
					LAY TIME:		00:00	00:00
					FIRE AND BOAT DRILLS:		00:00	00:00
ATTENDANT PLANT				MISCELLANEOUS:		00:00	03:40	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	03:42
					LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00
					CESSATION:		00:00	00:00
					COLLISIONS:		00:00	00:00
					TOTALS:		00:00	00:00
					TOTAL TIME/MILES:		00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 627
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Nov 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 22,913 CY

421 loads pumped on Ship Island to date: 4,441,653 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

15 loads dug in OCS East Borrow Area to date: 166,056 CY

Three Delays Today:

116min - Wait for Jessie to fix hole in pipe

104min - Wait on Liberty Island

2min - Can't clutch in jet pump

SAFETY

PRE-SHIFT MEETING:

Fill Site: Fill Foreman discussed job tasks for the day stressing good communication. Also discussed SALT book topic "Hand Placement". Stretch/Flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Fill Site: moving equipment with forklift, pulling the drag bar, building/maintaining dikes, fueling equipment, working the light plant, adding/breaking shore pipe, changing the wye valve.

BEHAVIORAL OBSERVATIONS:

Fill Site: Crews moving shacks and equipment to new location. Operators utilizing heavy equipment/building/maintaining dikes in a safe and efficient manner. All personnel communicating well and observing the safety zone.

SITE CONDITIONS & HOUSEKEEPING:

Today: Light rain. Low of 43° and a high of 63°.

Tomorrow: Low of 42° and a high of 64°. 10% chance of rain.

Fill Site crews are doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Continued training with new SSHO. Conducted Predictive Solutions inspection on the Brooke Elizabeth. Some minor issues noted were fixed on the spot by the SSHOs. Conducted a safety walk around and Predictive Solutions inspection at the Fill Site. One issue was added to the PS database(gangway needs to be replaced). Conducted monthly AED inspection at the Fill Site.

Ellis Island: Conducted semi-annual radiation testing.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 628
CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 21 Nov 2018 - Wednesday
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY
	AVG UNFILLED CAP: <u>3,828</u> CY		
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
		17	2
	WORK SCHEDULE		SHIFTS PER DAY
			2
	DAYS PER WEEK		7
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE
	OCS East	OCS East	Ship Island
	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
	23,118	4,464,771	
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM
CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER		GMS/LITER@ <u>68 °F</u>
RIVER/TIDE STAGE	MIN	0	TIME
	00:00	MAX	1
	08:53	TIME	08:53
	MIN	0	TIME
	19:18	MAX	0
	23:59	TIME	23:59
	GAGE LOCATION		Pascagoula Range Marker
	GAGE DATUM		NAVD88
WEATHER CONDITION	WEATHER		TEMP (min / max)
	Weather Caused No Delay		39 °F / 62 °F
	VISIBILITY		10
	WIND		10
DRAFT			
FORWARD		LIGHT	LOADED
		13	30
AFT			
		13	30
DRAG DEPTH	MAX <u>42</u>	MIN <u>42</u>	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN
			1
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN
			0
GALLONS OF FUEL OIL CONSUMED			GAL
			3,592
GALLONS OF WATER CONSUMED			GAL
			300
WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	23,118	Ship Island	0
ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS
DISTRIBUTION OF TIME AND MILES RUN			
	AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
EFFECTIVE WORKING TIME:			
PUMPING:	00:00	02:23	0.0
TURNING:	00:00	00:17	0.0
TO DUMP:	00:00	05:00	0.0
CONNECTING:	00:00	00:07	0.0
DUMPING:	00:00	06:41	0.0
DISCONNECTING:	00:00	00:26	0.0
TO CUT:	00:00	07:06	0.0
TOTALS:	00:00	22:00	0.0
NON-EFFECTIVE WORKING TIME:			
TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
MINOR OPERATING REPAIRS:	00:00	01:05	0.0
TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
LAY TIME:	00:00	00:00	0.0
FIRE AND BOAT DRILLS:	00:00	00:00	0.0
MISCELLANEOUS:	00:00	00:55	0.0
TOTALS:	00:00	02:00	0.0
LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 628
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 21 Nov 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 23,118 CY

423 loads pumped on Ship Island to date: 4,464,771 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

17 loads dug in OCS East Borrow Area to date: 189,174 CY

Three Delays Today:

65min - Dump and flush hopper

52min - Wait on Liberty Island

3min - Wadmalaw clutch malfunction

SAFETY

PRE-SHIFT MEETING:

Fill Site: Fill Foreman discussed job tasks for the day stressing good communication. Also discussed SALT book topic "Hand Placement". Stretch/Flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, moving barges

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices and wearing all required PPE while performing multiple crane lifts. Operator and crew maintained good communication throughout the lifts and all crews stayed clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Light rain. Low of 42° and a high of 64°.

Tomorrow: Low of 50° and a high of 61°. 10% chance of rain.

GENERAL COMMENTS:

Conducted Predictive Solutions inspection on the Mobro 1706. No issues noted. Continued training with new SSHO. Scanned and saved project documents to drop box. Water test kit ordered for Mackie/Ellis. Radiation test results for Ellis Island sent to DSHEM for entry into Bullseye. Geiger meter sent back to Jacksonville safety office.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 628
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Nov 2018 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	17	2	2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	19,495	2,314,799
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	39 °F / 62 °F	10	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27	EFFECTIVE WORKING TIME:			
AFT		27	PUMPING:	00:00	03:16	0.0
	11		TURNING:	00:00	00:12	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>			TO DUMP:	00:00	07:18	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>			CONNECTING:	00:00	00:39	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	DUMPING:	00:00	05:11	0.0
		1	DISCONNECTING:	00:00	00:33	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	TO CUT:	00:00	06:42	0.0
		0	TOTALS:	00:00	23:51	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	NON-EFFECTIVE WORKING TIME:			
		8,172	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		1,500	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:07	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
4	19,495	Ship Island	0	MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			
				MISCELLANEOUS:			
				TOTALS:			
				00:00	00:09	0.0	

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:			
				00:00	00:00	0.0	
				CESSATION:			
				00:00	00:00	0.0	
				COLLISIONS:			
				00:00	00:00	0.0	
				TOTALS:			
				00:00	00:00	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 628
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 21 Nov 2018 - Wednesday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,495 CY

478 loads pumped on Ship Island to date: 2,314,799 CY

478 loads dug in Horn Island Pass Borrow Area to date: 2,314,799 CY

Two Delays Today:

7min - Maneuvering to disconnect due to rough weather
2min - Waiting on boosters

SAFETY

PRE-SHIFT MEETING:

Fill Site: Fill Foreman discussed job tasks for the day stressing good communication. Also discussed SALT book topic "Hand Placement". Stretch/Flex and SHAKE exercises conducted.

JSA DISCUSSIONS:

Mobro 1706: crane lifting, operating heavy equipment, moving barges

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices and wearing all required PPE while performing multiple crane lifts. Operator and crew maintained good communication throughout the lifts and all crews stayed clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Light rain. Low of 42° and a high of 64°.
Tomorrow: Low of 50° and a high of 61°. 10% chance of rain.

GENERAL COMMENTS:

Conducted Predictive Solutions inspection on the Mobro 1706. No issues noted. Continued training with new SSHO. Scanned and saved project documents to drop box. Water test kit ordered for Mackie/Ellis. Radiation test results for Ellis Island sent to DSHEM for entry into Bullseye. Geiger meter sent back to Jacksonville safety office.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 629			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Nov 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS East		OCS East		Ship Island	33,788	4,498,559			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			44 °F / 62 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	03:46	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:27	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	06:12	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:15	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	3,000	DUMPING:		00:00	06:53	0.0
GALLONS OF WATER CONSUMED				GAL	300	DISCONNECTING:		00:00	00:22	0.0
WORK PERFORMED					TO CUT:		00:00	05:14	0.0	
DREDGING AND HAULING			AGITATING		NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
3	33,788	Ship Island	0		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:38	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:13	0.0	
					TOTALS:		00:00	00:51	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 629
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 Nov 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

3 loads pumped on Ship Island today: 33,788 CY

426 loads pumped on Ship Island to date: 4,498,559 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

20 loads dug in OCS East Borrow Area to date: 222,962 CY

Three Delays Today:

38min - Bottom dump and flush hopper

10min - Wait on Liberty Island

3min - Wadmalaw clutch malfunction

SAFETY

JSA DISCUSSIONS:

Operating heavy equipment, vessel transfer, moving barges

BEHAVIORAL OBSERVATIONS:

Ellis Island; All crew using the required PPE including gloves during their various operations.

Observed crane lifts using the deck crane. Proper hand signals were used and tag lines were used to control all loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 44° and a high of 60°.

Northeast winds of 5 to 10 mph.

GENERAL COMMENTS:

Managed project paperwork: scanned and saved project documents to drop box.

Researched and requisitioned CPR items requested by the Chief on the Liberty Island

Observed operations in the lay down yard and all ground personnel maintaining adequate distance from operating heavy equipment.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 629
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Nov 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	24,536	2,339,335
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	44 °F / 64 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	04:04	0.0
				TURNING:	00:00	00:09	0.0
				TO DUMP:	00:00	07:22	0.0
				CONNECTING:	00:00	00:18	0.0
				DUMPING:	00:00	04:08	0.0
				DISCONNECTING:	00:00	00:24	0.0
				TO CUT:	00:00	07:02	0.0
				TOTALS:	00:00	23:27	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	8,268	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	1,200	MINOR OPERATING REPAIRS:	00:00	00:00	0.0

WORK PERFORMED				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LAY TIME:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
5	24,536	Ship Island	0	MISCELLANEOUS:	00:00	00:33	0.0
				TOTALS:	00:00	00:33	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 629
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Nov 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

5 loads pumped on Ship Island today: 24,536 CY

483 loads pumped on Ship Island to date: 2,339,335 CY

483 loads dug in Horn Island Pass Borrow Area to date: 2,339,335 CY

One Delay Today:

33min - Repairs to booster Wadmalaw

SAFETY

JSA DISCUSSIONS:

Operating heavy equipment, vessel transfer, moving barges

BEHAVIORAL OBSERVATIONS:

Ellis Island; All crew using the required PPE including gloves during their various operations.

Observed crane lifts using the deck crane. Proper hand signals were used and tag lines were used to control all loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 44° and a high of 60°.

Northeast winds of 5 to 10 mph.

GENERAL COMMENTS:

Managed project paperwork: scanned and saved project documents to drop box.

Researched and requisitioned CPR items requested by the Chief on the Liberty Island

Observed operations in the lay down yard and all ground personnel maintaining adequate distance from operating heavy equipment.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 630	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 Nov 2018 - Friday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,732	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,359,067
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>	
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>	
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay		TEMP (min / max) 45 °F / 66 °F		VISIBILITY 10		WIND 17
DRAFT					DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11		27				
AFT		11		27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:24	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:39	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:	00:00	07:35	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:	00:00	00:25	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	8,049	DUMPING:	00:00	04:25	0.0
GALLONS OF WATER CONSUMED			GAL	800	DISCONNECTING:	00:00	00:23	0.0
WORK PERFORMED					TO CUT:	00:00	06:16	0.0
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	23:07	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:			
4	19,732	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:05	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
					MINOR OPERATING REPAIRS:	00:00	00:07	0.0
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
					LAY TIME:	00:00	00:00	0.0
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0
					MISCELLANEOUS:	00:00	00:41	0.0
					TOTALS:	00:00	00:53	0.0
ATTENDANT PLANT					LOST TIME:			
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 630
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 23 Nov 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,732 CY

487 loads pumped on Ship Island to date: 2,359,067 CY

487 loads dug in Horn Island Pass Borrow Area to date: 2,359,067 CY

Six Delay Today:

22min - Wait on Ellis Island

14min - STBD pump not clutching in (Two delays)

7min - Replacing oil line

5min - Waiting on boosters

5min - Maneuvering to disconnect due to rough weather

SAFETY

JSA DISCUSSIONS:

Lifting with crane, operating heavy equipment, vessel transfer, moving barges.

BEHAVIORAL OBSERVATIONS:

Observed operations at the lay down yard. Equipment operator moving materials with the forklift kept the load close to the ground to keep the machine stable and lowered the implement to the ground when he exited the machine.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 45° and a high of 65°.

East winds of 10 to 12 mph.

GENERAL COMMENTS:

Performed a walk around inspection of the lay down yard. No deficiencies noted.

Managed project paperwork: scanned and saved project documents to drop box.

Dredge runs canceled today.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 630				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 Nov 2018 - Friday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	20,928	4,519,487				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused No Delay			45 °F / 66 °F		10		17			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13			30					
AFT			13			30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	02:18	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:19	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		1	TO DUMP:		00:00	04:54	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		0	CONNECTING:		00:00	01:30	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		3,252	DUMPING:		00:00	05:55	0.0	
GALLONS OF WATER CONSUMED			GAL		300	DISCONNECTING:		00:00	00:24	0.0	
WORK PERFORMED					TO CUT:		00:00	05:05	0.0		
DREDGING AND HAULING			AGITATING		NON-EFFECTIVE WORKING TIME:						
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
2	20,928	Ship Island		0	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:		00:00	00:31	0.0		
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0		
					LAY TIME:		00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS:		00:00	03:04	0.0		
					TOTALS:		00:00	03:35	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 630
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 23 Nov 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

2 loads pumped on Ship Island today: 20,928 CY

428 loads pumped on Ship Island to date: 4,519,487 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

22 loads dug in OCS East Borrow Area to date: 243,890 CY

Six Delays Today:

107min - Wait on Liberty Island (Two delays)

78min - Booster clutch malfunction (Three delays)

30min - Bottom dump and flush hopper

SAFETY

JSA DISCUSSIONS:

Lifting with crane, operating heavy equipment, vessel transfer, moving barges.

BEHAVIORAL OBSERVATIONS:

Observed operations at the lay down yard. Equipment operator moving materials with the forklift kept the load close to the ground to keep the machine stable and lowered the implement to the ground when he exited the machine.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 45° and a high of 65°.

East winds of 10 to 12 mph.

GENERAL COMMENTS:

Performed a walk around inspection of the lay down yard. No deficiencies noted.

Managed project paperwork: scanned and saved project documents to drop box.

Dredge runs canceled today.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 631			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Nov 2018 - Saturday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 9,728	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,368,795			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			55 °F / 66 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	01:45	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:11	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:10	0.0	
			1		CONNECTING:		00:00	00:19	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	02:26	0.0	
			0		DISCONNECTING:		00:00	00:10	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	02:58	0.0	
			5,050		TOTALS:		00:00	11:59	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,000		TAKING ON FUEL AND SUPPLIES:		00:00	06:53	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	9,728	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	01:50	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	03:18	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	12:01	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 631
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 24 Nov 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 9,728 CY

489 loads pumped on Ship Island to date: 2,368,795 CY

489 loads dug in Horn Island Pass Borrow Area to date: 2,368,795 CY

Five Delay Today:

413min - Fueling

163min - Wait on Ellis Island (Two delays)

110min - Waiting on repairs to booster Wadmalaw

35min - Flush line for booster Jessie to test pump repair

SAFETY

JSA DISCUSSIONS:

Lifting with crane, operating heavy equipment, vessel transfer, fueling the dredge, making pump out connection

BEHAVIORAL OBSERVATIONS:

Crew boat operator sterned into the dredge to drop off crew but halted the operation due to excessive ground swells. Operator moved to another location where the transfer was done safely.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 55° and a high of 67°.

West winds of around 5 mph.

GENERAL COMMENTS:

Collected and sorted project paperwork on the Liberty Island. Observed the landing of the fuel barge and the subsequent fueling operation on the Liberty Island. No deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 631					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Nov 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS East		OCS East		Ship Island	9,723	4,529,210					
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
				GAGE LOCATION		Pascagoula Range Marker						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)	VISIBILITY	WIND						
	Weather Caused No Delay			55 °F / 67 °F	1	5						
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	01:20	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:14	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	01:57	0.0		
				1	CONNECTING:				00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:14	0.0		
				0	DISCONNECTING:				00:00	00:12	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	02:32	0.0		
				1,703	TOTALS:				00:00	10:55	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:						
				300	TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
1	9,723	Ship Island		0		MINOR OPERATING REPAIRS:				00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0		
				LAY TIME:				00:00	00:00	0.0		
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0		
				MISCELLANEOUS:				00:00	13:05	0.0		
				TOTALS:				00:00	13:05	0.0		
				LOST TIME:								
				MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0		
				CESSATION:				00:00	00:00	0.0		
				COLLISIONS:				00:00	00:00	0.0		
				TOTALS:				00:00	00:00	0.0		
				TOTAL TIME/MILES:				00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 631
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Nov 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping out on Ship Island.

1 load pumped on Ship Island today: 9,723 CY

429 loads pumped on Ship Island to date: 4,529,210 CY

134 loads dug in Horn Island Pass Borrow Area to date: 1,365,646 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

23 loads dug in OCS East Borrow Area to date: 253,613 CY

Four Delays Today:

746min - Booster Jessie can't clutch in

24min - Fouled pickup line

10min - Wadmalaw malfunction

5min - Clean drag heads

SAFETY

JSA DISCUSSIONS:

Lifting with crane, operating heavy equipment, vessel transfer, fueling the dredge, making pump out connection

BEHAVIORAL OBSERVATIONS:

Crew boat operator sterned into the dredge to drop off crew but halted the operation due to excessive ground swells. Operator moved to another location where the transfer was done safely.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 55° and a high of 67°.

West winds of around 5 mph.

GENERAL COMMENTS:

Collected and sorted project paperwork on the Liberty Island. Observed the landing of the fuel barge and the subsequent fueling operation on the Liberty Island. No deficiencies noted.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 632														
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 Nov 2018 - Sunday														
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY															
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK														
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)														
		HIP 2	HIP 2		Ship Island	18,707	2,387,502														
CHARACTER OF MATERIAL		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM															
		DENSITY OF MATERIALS		_____		GMS/LITER <u>1850</u>															
RIVER/TIDE STAGE		DENSITY OF WATER		1025		GMS/LITER@ <u>83 °F</u>															
		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker										
WEATHER CONDITION		MIN		0		TIME		19:18		MAX		0		TIME		23:59		GAGE DATUM		NAVD88	
		WEATHER		TEMP (min / max)		VISIBILITY		WIND													
Weather Caused No Delay		55 °F / 70 °F		1		14															
DRAFT						DISTRIBUTION OF TIME AND MILES RUN															
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)									
		11		27																	
AFT		11		27																	
DRAG DEPTH		MAX <u>35</u> MIN <u>35</u>																			
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>																			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1															
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0															
GALLONS OF FUEL OIL CONSUMED				GAL		7,445															
GALLONS OF WATER CONSUMED				GAL		2,000															
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:															
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0									
4	18,707	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0									
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0									
						MINOR OPERATING REPAIRS:		00:00		00:04		0.0									
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0									
						LAY TIME:		00:00		00:00		0.0									
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0									
						MISCELLANEOUS:		00:00		03:47		0.0									
						TOTALS:		00:00		03:51		0.0									
ATTENDANT PLANT						LOST TIME:															
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0									
						CESSATION:		00:00		00:00		0.0									
						COLLISIONS:		00:00		00:00		0.0									
						TOTALS:		00:00		00:00		0.0									
						TOTAL TIME/MILES:		00:00		24:00		0.0									

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 632
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 25 Nov 2018 - Sunday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,707 CY

493 loads pumped on Ship Island to date: 2,387,502 CY

493 loads dug in Horn Island Pass Borrow Area to date: 2,387,502 CY

Five Delay Today:

206min - Wait on Ellis Island (Two delays)

15min - No velocity; kinked hose

6min - No pressure on pumpout

4min - Blown bow winch breaker

SAFETY

JSA DISCUSSIONS:

Operating heavy equipment, vessel transfers, fueling heavy equipment, making pump out connection.

BEHAVIORAL OBSERVATIONS:

All crew members using the required PPE, including gloves and a full face shield while performing grinding operations.

All crew members are passing off backpacks and other items prior to making a vessel transfer.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 47° and a high of 70°.

SSE winds of around 10 mph and periods of light rain throughout the day.

GENERAL COMMENTS:

Scanned and uploaded to drop box the esf, hot work permits and other project paperwork.

Performed an inventory of safety supplies and restocked items recently received.

Reviewed good catches submitted by the dredges and completed the weekly report with those additions.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 632			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 Nov 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 33,085	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,562,295			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			54 °F / 69 °F		1		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	04:11	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:58	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	03:44	0.0	
			1	CONNECTING:		00:00	00:29	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	07:14	0.0	
			0	DISCONNECTING:		00:00	00:40	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:08	0.0	
			3,861	TOTALS:		00:00	22:24	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:04	0.0
3	33,085	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:23	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	01:09	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	01:36	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 632
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 25 Nov 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping out on Ship Island.

3 loads pumped on Ship Island today; 33,085 CY

432 loads pumped on Ship Island to date: 4,562,295 CY

138 loads dug in Horn Island Pass Borrow Area to date: 1,409,229 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 253,613 CY

Five Delays Today:

64min - Wait on Liberty Island

21min - Automation malfunction

5min - Hose over subline

4min - Trawlers in borrow area

2min - Wait on dredge engine

SAFETY

JSA DISCUSSIONS:

Operating heavy equipment, vessel transfers, fueling heavy equipment, making pump out connection.

BEHAVIORAL OBSERVATIONS:

All crew members using the required PPE, including gloves and a full face shield while performing grinding operations.

All crew members are passing off backpacks and other items prior to making a vessel transfer.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 47° and a high of 70°.

SSE winds of around 10 mph and periods of light rain throughout the day.

GENERAL COMMENTS:

Scanned and uploaded to drop box the esf, hot work permits and other project paperwork.

Performed an inventory of safety supplies and restocked items recently received.

Reviewed good catches submitted by the dredges and completed the weekly report with those additions.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 633			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Nov 2018 - Monday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 18,964	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,406,466		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
				GAGE LOCATION		Pascagoula Range Marker				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			41 °F / 56 °F		10		15		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						PUMPING:		00:00	03:03	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:34	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	07:30	0.0
				1	CONNECTING:		00:00	00:24	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:05	0.0
				0	DISCONNECTING:		00:00	00:31	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:05	0.0
				7,876	TOTALS:		00:00	22:12	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				1,300	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
4	18,964	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	01:48	0.0
						TOTALS:		00:00	01:48	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 633
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 Nov 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,964 CY

497 loads pumped on Ship Island to date: 2,406,466 CY

497 loads dug in Horn Island Pass Borrow Area to date: 2,406,466 CY

One Delay Today:

108min - Wait on Ellis Island

SAFETY

JSA DISCUSSIONS:

Operating heavy equipment, vessel transfers, fueling heavy equipment, making pump out connection.

BEHAVIORAL OBSERVATIONS:

Bull gang crew performing thorough inspections of all equipment including the anchor barges, the crane and the air compressor barge.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 36° and a high of 62°.

North winds of around 10 mph and partly cloudy.

Housekeeping around site is very good.

GENERAL COMMENTS:

Reviewed inspection checklists for the 9299 crane, anchor barges 113 ad 118 and the air compressor barges.

Crew members using proper ppe and performing jsas for all work tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 633	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Nov 2018 - Monday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 22,743	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,585,038
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>				
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Weather Caused No Delay		41 °F / 56 °F		10		20		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		13	30	EFFECTIVE WORKING TIME:				
AFT		13	30	PUMPING:	00:00	03:48	0.0	
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:44	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	05:32	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:43	0.0	
			1	DUMPING:	00:00	06:37	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:24	0.0	
			0	TO CUT:	00:00	03:10	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	20:58	0.0	
			2,939	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	01:21	0.0	
2	22,743	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS:	00:00	01:41	0.0	
				TOTALS:	00:00	03:02	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 633
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 26 Nov 2018 - Monday	

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping out on Ship Island.

2 loads pumped on Ship Island today; 22,743 CY

434 loads pumped on Ship Island to date: 4,585,038 CY

140 loads dug in Horn Island Pass Borrow Area to date: 1,431,972 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

23 loads dug in OCS East Borrow Area to date: 253,613 CY

Six Delays Today:

52min - Automation error not allowing dredge pump to clutch in

45min - Wait on Liberty Island

31min - Clean hopper and flush valves

28min - Lantern ring malfunction STBD dredge pump

25min - Clean trash from dragheads

1min - Clean out rock box

SAFETY

JSA DISCUSSIONS:

Operating heavy equipment, vessel transfers, fueling heavy equipment, making pump out connection.

BEHAVIORAL OBSERVATIONS:

Bull gang crew performing thorough inspections of all equipment including the anchor barges, the crane and the air compressor barge.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 36° and a high of 62°.

North winds of around 10 mph and partly cloudy.

Housekeeping around site is very good.

GENERAL COMMENTS:

Reviewed inspection checklists for the 9299 crane, anchor barges 113 ad 118 and the air compressor barges.

Crew members using proper ppe and performing jsas for all work tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 634			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Nov 2018 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 2		REACH DREDGED; STA TO STA HIP 2		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 9,511	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,415,977		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				GMS/LITER@ <u>83 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
GAGE LOCATION		Pascagoula Range Marker								
GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			34 °F / 55 °F		10		16		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	01:37	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:15	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	04:29	0.0	
			1	CONNECTING:		00:00	00:20	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	02:48	0.0	
			0	DISCONNECTING:		00:00	00:21	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	03:18	0.0	
			5,249	TOTALS:		00:00	13:08	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,000	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	9,511	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	03:16	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	07:36	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	10:52	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 634
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 Nov 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping on Ship Island.

2 loads pumped on Ship Island today: 9,511 CY

499 loads pumped on Ship Island to date: 2,415,977 CY

499 loads dug in Horn Island Pass Borrow Area to date: 2,415,977 CY

Four Delays Today:

284min - Wait on Ellis Island (Two delays)

196min - Problem-solving automation issue

172min - Wait on repairs to booster Wadmalaw

SAFETY

JSA DISCUSSIONS:

Housekeeping, taking on stores, general engine room duties, operating heavy equipment, vessel transfers, fueling heavy equipment.

BEHAVIORAL OBSERVATIONS:

Observed the bull gang crew performing housekeeping and grading operations at the lay down yard to remove trip hazards from the walking/working area. Observed crew member exit the heavy equipment and don a PFD prior to crossing the gangway to the crane barge.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 34° and a high of 52°.

Northwest winds of around 10 mph and mostly sunny.

Housekeeping around site is very good.

GENERAL COMMENTS:

Received and put into inventory additional safety supplies: leather gloves and anti vibration gloves.

Began turnover notes for incoming SSHO

Reviewed the good catch from the Liberty Island regarding amending the jsa for taking on stores.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 634
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Nov 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping out on Ship Island.

2 loads pumped on Ship Island today; 22,435 CY

436 loads pumped on Ship Island to date: 4,607,473 CY

142 loads dug in Horn Island Pass Borrow Area to date: 1,454,047 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

23 loads dug in OCS East Borrow Area to date: 253,613 CY

Four Delays Today:

440min - Booster repairing pipe

45min - Wait on Liberty Island

39min - Pump liner leak

16min - Wait to clutch in

SAFETY

JSA DISCUSSIONS:

Housekeeping, taking on stores, general engine room duties, operating heavy equipment, vessel transfers, fueling heavy equipment.

BEHAVIORAL OBSERVATIONS:

Observed the bull gang crew performing housekeeping and grading operations at the lay down yard to remove trip hazards from the walking/working area. Observed crew member exit the heavy equipment and don a PFD prior to crossing the gangway to the crane barge.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 34° and a high of 52°.

Northwest winds of around 10 mph and mostly sunny.

Housekeeping around site is very good.

GENERAL COMMENTS:

Received and put into inventory additional safety supplies: leather gloves and anti vibration gloves.

Began turnover notes for incoming SSHO

Reviewed the good catch from the Liberty Island regarding amending the jsa for taking on stores.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 635
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 28 Nov 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,964 CY

503 loads pumped on Ship Island to date: 2,434,941 CY

503 loads dug in Horn Island Pass Borrow Area to date: 2,434,941 CY

Five Delays Today:

126min - Shallow water dump door not closing

44min - Fill site request to flush line clean

10min - Slow bell for bullgang

6min - Long wire in draghead

2min - Fouled pickup line

SAFETY

JSA DISCUSSIONS:

Hooking up and letting go, using the incinerator, using power tools, general engine room duties, operating heavy equipment, vessel transfers.

BEHAVIORAL OBSERVATIONS:

Observed crew members using all required ppe for the operations they performed.

Crew members on the crew boat remained seated during the transit until the crew boat hatch was opened and the signal was given that it was safe to exit.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 37° and a high of 56°.

ESE winds of around 5 mph and mostly cloudy.

Housekeeping around site is very good.

GENERAL COMMENTS:

Reviewed and uploaded additional project paperwork.

Completed and sent turnover notes to incoming SSHO

Completed code of ethics training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 635			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 28 Nov 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 22,624	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,630,097			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			37 °F / 56 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	00:10	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:38	0.0	
			1		CONNECTING:		00:00	00:03	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	03:01	0.0	
			0		DISCONNECTING:		00:00	00:10	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	01:20	0.0	
			3,000		TOTALS:		00:00	05:22	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:		00:00	18:13	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
1	22,624	Ship Island		0	MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	00:25	0.0	
					TOTALS:		00:00	18:38	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 635
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 28 Nov 2018 - Wednesday	

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping out on Ship Island. At 0540, the dredge sailed to Port of Gulfport to receive fuel and make repairs and was at dock for the remainder of the day

1 load pumped on Ship Island today; 22,624 CY

437 loads pumped on Ship Island to date: 4,607,473 CY

143 loads dug in Horn Island Pass Borrow Area to date: 1,477,031 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

23 loads dug in OCS East Borrow Area to date: 253,613 CY

Three Delays Today:

986min - Fueling and replacing valve block for the articouple system

107min - Sail to dock

25min - Fouled pickup line

SAFETY

JSA DISCUSSIONS:

Hooking up and letting go, using the incinerator, using power tools, general engine room duties, operating heavy equipment, vessel transfers.

BEHAVIORAL OBSERVATIONS:

Observed crew members using all required ppe for the operations they performed.

Crew members on the crew boat remained seated during the transit until the crew boat hatch was opened and the signal was given that it was safe to exit.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 37° and a high of 56°.

ESE winds of around 5 mph and mostly cloudy.

Housekeeping around site is very good.

GENERAL COMMENTS:

Reviewed and uploaded additional project paperwork.

Completed and sent turnover notes to incoming SSHO

Completed code of ethics training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 636
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 29 Nov 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and pumping on Ship Island.

3 loads pumped on Ship Island today: 13,902 CY

506 loads pumped on Ship Island to date: 2,448,843 CY

506 loads dug in Horn Island Pass Borrow Area to date: 2,448,843 CY

Three Delays Today:

215min - Wait on Ellis Island

66min - Dredge pump automation repairs

25min - Captain handover

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 63° and a high of 67° with a 70% chance of rain.

Tomorrow: Low of 66° and a high of 72° with a 50% chance of rain.

GENERAL COMMENTS:

Participated in the Project Weekly Meeting. Conducted a rigging gear inspection on the derrick. Conducted JSA training with the Bull Gang.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 636			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Nov 2018 - Thursday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS East		OCS East		Ship Island		0	4,630,097		
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			58 °F / 66 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13			30	EFFECTIVE WORKING TIME:			
AFT			13			30	PUMPING:	00:00	01:11	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>							TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>							TO DUMP:	00:00	02:44	0.0
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN	1	CONNECTING:	00:00	00:11	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN	0	DUMPING:	00:00	02:51	0.0
GALLONS OF FUEL OIL CONSUMED					GAL	1,933	DISCONNECTING:	00:00	00:10	0.0
GALLONS OF WATER CONSUMED					GAL	500	TO CUT:	00:00	02:22	0.0
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES:	00:00	08:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					
					00:00	04:54	0.0	LOSS DUE TO NATURAL ELEMENTS:		
					00:00	00:00	0.0	LOSS DUE TO TRAFFIC AND BRIDGES		
					00:00	01:37	0.0	MINOR OPERATING REPAIRS:		
					00:00	00:00	0.0	TRANSFERRING BETWEEN WORKS:		
					00:00	00:00	0.0	LAY TIME:		
					00:00	00:00	0.0	FIRE AND BOAT DRILLS:		
					00:00	00:00	0.0	MISCELLANEOUS:		
					00:00	14:31	0.0	TOTALS:		
					LOST TIME:					
							MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
							CESSATION:	00:00	00:00	0.0
							COLLISIONS:	00:00	00:00	0.0
							TOTALS:	00:00	00:00	0.0
							TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 636
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Nov 2018 - Thursday

GENERAL COMMENTS

The Ellis began the in Port of Gulfport for fuel and repairs. Once fueling was completed the Ellis Island left Port of Gulfport and returned to OCS East and began digging at 1254.

No loads completed today

437 loads pumped on Ship Island to date: 4,607,473 CY

143 loads dug in Horn Island Pass Borrow Area to date: 1,477,031 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

23 loads dug in OCS East Borrow Area to date: 253,613 CY

Three Delays Today:

480min - Fueling and replacing valve block for the articouple system

294min - Sail to borrow area

97min - Testing new packing on both dredge pumps

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 63° and a high of 67° with a 70% chance of rain.

Tomorrow: Low of 66° and a high of 72° with a 50% chance of rain.

GENERAL COMMENTS:

Participated in the Project Weekly Meeting. Conducted a rigging gear inspection on the derrick. Conducted JSA training with the Bull Gang.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 637		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Nov 2018 - Friday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS East		OCS East		Ship Island	32,411	4,662,508		
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>					
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
		GAGE LOCATION		Pascagoula Range Marker					
		GAGE DATUM		NAVD88					
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Non-Critical Delay		63 °F / 74 °F		10		20		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13	30					
AFT			13	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:		00:00	04:27	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:		00:00	00:33	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:		00:00	06:49	0.0	
		1		CONNECTING:		00:00	00:32	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:		00:00	06:31	0.0	
		0		DISCONNECTING:		00:00	00:37	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:		00:00	04:27	0.0	
		2,000		TOTALS:		00:00	23:56	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:					
		500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:04	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
3	32,411	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:04	0.0	
				LOST TIME:					
				MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
				CESSATION:		00:00	00:00	0.0	
				COLLISIONS:		00:00	00:00	0.0	
				TOTALS:		00:00	00:00	0.0	
				TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 637
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Nov 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

3 loads pumped on Ship Island today: 32,411 CY

440 loads pumped on Ship Island to date: 4,662,508 CY

143 loads dug in Horn Island Pass Borrow Area to date: 1,477,031 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

One Delay Today:

4min - Rough Seas

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 66° and a high of 73° with a 50% chance of rain.

Tomorrow: Low of 58° and a high of 72° with a 60% chance of rain.

GENERAL COMMENTS:

Conducted housekeeping inspection on the derrick and both Anchor Barges. Minor deficiencies noted and was taken care of on the spot. Conducted training with the Bull Gang on what to expect at Pre-shift meetings and Housekeeping. Inspected new crew boat. Minor deficiencies noted and taken care of on the spot as well.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 637			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Nov 2018 - Friday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 18,234	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,467,077			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Non-Critical Delay			63 °F / 74 °F		10		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:47	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:25	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	06:31	0.0		
			1		CONNECTING:	00:00	00:29	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	03:48	0.0		
			0		DISCONNECTING:	00:00	00:26	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	05:20	0.0		
			7,864		TOTALS:	00:00	20:46	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:07	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
4	18,234	Ship Island	0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	03:07	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	03:14	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 637
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 Nov 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,234 CY

510 loads pumped on Ship Island to date: 2,467,077 CY

510 loads dug in Horn Island Pass Borrow Area to date: 2,467,077 CY

Three Delays Today:

148min - Wait on Ellis Island

39min - Booster Wadmalaw investigating object in pump

7min - Ballast dredge to improve maneuverability in rough seas

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 66° and a high of 73° with a 50% chance of rain.

Tomorrow: Low of 58° and a high of 72° with a 60% chance of rain.

GENERAL COMMENTS:

Conducted housekeeping inspection on the derrick and both Anchor Barges. Minor deficiencies noted and was taken care of on the spot. Conducted training with the Bull Gang on what to expect at Pre-shift meetings and Housekeeping. Inspected new crew boat. Minor deficiencies noted and taken care of on the spot as well.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 638
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 01 Dec 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 17,677 CY

514 loads pumped on Ship Island to date: 2,484,754 CY

514 loads dug in Horn Island Pass Borrow Area to date: 2,484,754 CY

Six Delays Today:

17min - Ballast down to improve maneuverability in rough seas (Three delays)

15min - Fill site line flush

10min - Chain stuck in STBD drag head

9min - Wait for booster to switch to Liberty Island line

SAFETY

PRE-SHIFT MEETING:

Bull Gang - DSHEM discussed housekeeping safety during pre-shift. Deck Captain discussed daily operations and JSA's.

Conducted stretch and flex and SHAKE exercises at the conclusion of pre-shift.

JSA DISCUSSIONS:

Securing equipment at the end of each shift. Reposition A Frame roller pin on Anchor barge; Housekeeping; Crane operations.

BEHAVIORAL OBSERVATIONS:

Observed crew writing JSA's. Crew sat down and brained stormed the JSA for moving the roller pin on the anchor barge.

Outstanding job of getting everyone involved.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 58° and a high of 74° with a 60% chance of rain.

Tomorrow: Low of 57° and a high of 70° with a 50% chance of rain.

GENERAL COMMENTS:

Conducted AED inspection on the Ohio River and Mobro 1706. Conducted JSA Audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 638	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Dec 2018 - Saturday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 21,634	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,684,142
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>			
	DENSITY OF WATER				GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay		TEMP (min / max) 66 °F / 74 °F		VISIBILITY 6		WIND 20
DRAFT					DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			13	30	EFFECTIVE WORKING TIME:			
AFT			13	30	PUMPING:	00:00	03:25	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					TURNING:	00:00	01:27	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TO DUMP:	00:00	03:53	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	CONNECTING:	00:00	00:25	0.0
				1	DUMPING:	00:00	06:01	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DISCONNECTING:	00:00	00:28	0.0
				0	TO CUT:	00:00	03:12	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	TOTALS:	00:00	18:51	0.0
				2,889	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED				GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
WORK PERFORMED					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:34	0.0
DREDGING AND HAULING				AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:18	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		MINOR OPERATING REPAIRS:	00:00	00:00	0.0
2	21,634	Ship Island	0		TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS		FIRE AND BOAT DRILLS:	00:00	00:00	0.0
					MISCELLANEOUS:	00:00	04:17	0.0
					TOTALS:	00:00	05:09	0.0
					LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 638
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Dec 2018 - Saturday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 21,634 CY

442 loads pumped on Ship Island to date: 4,684,142 CY

145 loads dug in Horn Island Pass Borrow Area to date: 1,498,665 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

Six Delays Today:

195min - Wait on Liberty Island (Two delays)

52min - Slow bell sail due to heavy fog (Two delays)

34min - Waiting to test repairs to booster Jessie

28min - Pickup line lying on top of subline

SAFETY

PRE-SHIFT MEETING:

Bull Gang - DSHEM discussed housekeeping safety during pre-shift. Deck Captain discussed daily operations and JSA's.

Conducted stretch and flex and SHAKE exercises at the conclusion of pre-shift.

JSA DISCUSSIONS:

Securing equipment at the end of each shift. Reposition A Frame roller pin on Anchor barge; Housekeeping; Crane operations.

BEHAVIORAL OBSERVATIONS:

Observed crew writing JSA's. Crew sat down and brained stormed the JSA for moving the roller pin on the anchor barge.

Outstanding job of getting everyone involved.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 58° and a high of 74° with a 60% chance of rain.

Tomorrow: Low of 57° and a high of 70° with a 50% chance of rain.

GENERAL COMMENTS:

Conducted AED inspection on the Ohio River and Mobro 1706. Conducted JSA Audit.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 639
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Dec 2018 - Sunday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 22,263 CY

444 loads pumped on Ship Island to date: 4,706,405 CY

147 loads dug in Horn Island Pass Borrow Area to date: 1,520,928 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

Seven Delays Today:

110min - Slow sail to have Liberty Island pump ahead of Ellis Island

51min - Wait on Liberty Island

30min - Slow bell sail due to heavy fog

30min - Pumping water so booster Jessie can switch to bypass (Two delays)

5min - Booster Jessie clutching out

5min - Dredge engines warming

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily operations.

JSA DISCUSSIONS:

Inspect and clean out discharge box; Hooking up and letting go of the cube; Using incinerator; Cleaning drag heads; Sweeping, mopping and housekeeping; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting engine room maintenance. Crew worked well together and wore the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 58° and a high of 75° with a 50% chance of rain.

Tomorrow: Low of 44° and a high of 69° with a 50% chance of rain.

GENERAL COMMENTS:

Conducted AED inspection on the Liberty Island. Conducted PS inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 639			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Dec 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 18,351	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,503,105			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			62 °F / 73 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		11		27						
AFT		11		27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:20	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:28	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	05:19	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	CONNECTING:	00:00	00:27	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	DUMPING:	00:00	04:19	0.0		
GALLONS OF WATER CONSUMED				GAL	DISCONNECTING:	00:00	00:21	0.0		
WORK PERFORMED					TO CUT:	00:00	06:04	0.0		
DREDGING AND HAULING			AGITATING		TOTALS:	00:00	20:18	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
4	18,351	Ship Island	0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:08	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:43	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	02:51	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	03:42	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 639
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 02 Dec 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,351 CY

518 loads pumped on Ship Island to date: 2,503,105 CY

518 loads dug in Horn Island Pass Borrow Area to date: 2,503,105 CY

Six Delays Today:

- 146min - Wait on Ellis Island
- 25min - Fill site line flush (Two delays)
- 23min - Repacking land water pump
- 20min - #4 gland seal crossover inoperable
- 8min - Ballast down to maneuver in rough seas

SAFETY

PRE-SHIFT MEETING:
Liberty - Mate discussed daily operations.

JSA DISCUSSIONS:
Inspect and clean out discharge box; Hooking up and letting go of the cube; Using incinerator; Cleaning drag heads; Sweeping, mopping and housekeeping; Crew boat personnel transfer.

BEHAVIORAL OBSERVATIONS:
Observed crew conducting engine room maintenance. Crew worked well together and wore the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:
Today: Low of 58° and a high of 75° with a 50% chance of rain.
Tomorrow: Low of 44° and a high of 69° with a 50% chance of rain.

GENERAL COMMENTS:
Conducted AED inspection on the Liberty Island. Conducted PS inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 640
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 03 Dec 2018 - Monday	

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping on Ship Island.

3 loads pumped on Ship Island today: 32,908 CY

447 loads pumped on Ship Island to date: 4,739,313 CY

150 loads dug in Horn Island Pass Borrow Area to date: 1,553,836 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

Three Delays Today:

100min - Wait for Liberty Island

31min - Clutching out for Jessie to switch to bypass (Two delays)

SAFETY

PRE-SHIFT MEETING:

Bullgang -DSHM discuss vessel transfer and talk about LOTO. Stretch and flex and SHAKE was conducted after pre-shift.

JSA DISCUSSIONS:

Vessel Transfer,Housekeeping,Crane Lift and Operating Folk Lift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together wearing the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 44° and a high of 69° with a 50% chance of rain.

Tomorrow: Low of 37° and a high of 52° with a 50% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 640	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Dec 2018 - Monday	
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 18,786	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,521,891
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>			
	DENSITY OF WATER				1025	GMS/LITER@ <u>83 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
GAGE LOCATION		Pascagoula Range Marker						
GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay		50 °F / 70 °F		10		15	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11		27				
AFT		11		27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:		00:00	03:02	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:		00:00	00:30	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:		00:00	07:49
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:		00:00	00:33
GALLONS OF FUEL OIL CONSUMED			GAL	8,648	DUMPING:		00:00	04:37
GALLONS OF WATER CONSUMED			GAL	800	DISCONNECTING:		00:00	00:24
WORK PERFORMED				TO CUT:		00:00	06:17	0.0
DREDGING AND HAULING		AGITATING		TOTALS:		00:00	23:12	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:				
4	18,786	Ship Island	0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0
				MINOR OPERATING REPAIRS:		00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
				LAY TIME:		00:00	00:00	0.0
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0
				MISCELLANEOUS:		00:00	00:48	0.0
				TOTALS:		00:00	00:48	0.0
ATTENDANT PLANT				LOST TIME:				
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00
					CESSATION:		00:00	00:00
					COLLISIONS:		00:00	00:00
					TOTALS:		00:00	00:00
					TOTAL TIME/MILES:		00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 640
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Dec 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,786 CY

522 loads pumped on Ship Island to date: 2,521,891 CY

522 loads dug in Horn Island Pass Borrow Area to date: 2,521,891 CY

One Delay Today:

48min - Wait on Ellis Island

SAFETY

PRE-SHIFT MEETING:

Bullgang -DSHM discuss vessel transfer and talk about LOTO. Stretch and flex and SHAKE was conducted after pre-shift.

JSA DISCUSSIONS:

Vessel Transfer, Housekeeping, Crane Lift and Operating Folk Lift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together wearing the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 44° and a high of 69° with a 50% chance of rain.

Tomorrow: Low of 37° and a high of 52° with a 50% chance of rain.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 641					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Dec 2018 - Tuesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 22,016	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,761,329				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1870</u>							
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
GAGE LOCATION		Pascagoula Range Marker						GAGE DATUM		NAVD88		
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			62 °F / 73 °F		10		23				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
			13			30						
AFT			13			30						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					PUMPING:		00:00	03:24	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TURNING:		00:00	00:24	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		TO DUMP:		00:00	02:28	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL		2,889	CONNECTING:		00:00	01:18	0.0		
GALLONS OF WATER CONSUMED			GAL		500	DUMPING:		00:00	05:35	0.0		
WORK PERFORMED					DISCONNECTING:		00:00	00:25	0.0			
DREDGING AND HAULING			AGITATING		TO CUT:		00:00	03:14	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TOTALS:		00:00	16:48	0.0			
2	22,016	Ship Island		0	NON-EFFECTIVE WORKING TIME:							
					TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0			
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
					LAY TIME:		00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
					MISCELLANEOUS:		00:00	07:12	0.0			
					TOTALS:		00:00	07:12	0.0			
					LOST TIME:							
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
					CESSATION:		00:00	00:00	0.0			
					COLLISIONS:		00:00	00:00	0.0			
					TOTALS:		00:00	00:00	0.0			
					TOTAL TIME/MILES:		00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 641
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 04 Dec 2018 - Tuesday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 22,016 CY

449 loads pumped on Ship Island to date: 4,761,329 CY

152 loads dug in Horn Island Pass Borrow Area to date: 1,575,852 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

Five Delays Today:

174min - Wait for Liberty Island (Two delays)

110min - Wait on bullgang to finish resetting Liberty cube anchors

95min - Waiting on bullgang to clear sunken subline

53min - Take on stores

SAFETY

PRE-SHIFT MEETING:

Bullgang -Discuss Vessel transfer with crew and how to do the job in a safe matter.

JSA DISCUSSIONS:

Vessel Transfer,Housekeeping,Crane Lift,Reposition Cube and Folk lift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together wearing the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 38° and a high of 58° with a 0% chance of rain.

Tomorrow: Low of 38° and a high of 56° with a 0% chance of rain.

GENERAL COMMENTS:

Conducted AED inspection on the Wadmalaw.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 641			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Dec 2018 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,141	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,541,032		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND			
	Weather Caused Non-Critical Delay		50 °F / 70 °F		10		15			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		11		27						
AFT		11		27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:39	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:30	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:	00:00	07:27	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:	00:00	00:38	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	8,532	DUMPING:	00:00	04:49	0.0		
GALLONS OF WATER CONSUMED			GAL	800	DISCONNECTING:	00:00	00:25	0.0		
WORK PERFORMED					TO CUT:	00:00	05:49	0.0		
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	23:17	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:						
4	19,141	Ship Island	0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0			
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:17	0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0			
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0			
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0			
				LAY TIME:	00:00	00:00	0.0			
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:26	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:43	0.0			
				LOST TIME:						
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0			
				CESSATION:	00:00	00:00	0.0			
				COLLISIONS:	00:00	00:00	0.0			
				TOTALS:	00:00	00:00	0.0			
				TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 641
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Dec 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,141 CY

526 loads pumped on Ship Island to date: 2,541,032 CY

526 loads dug in Horn Island Pass Borrow Area to date: 2,541,032 CY

Three Delays Today:

26min - Adjusting cube anchors

17min - Ballast for poor weather (Two delays)

SAFETY

PRE-SHIFT MEETING:

Bullgang -Discuss Vessel transfer with crew and how to do the job in a safe matter.

JSA DISCUSSIONS:

Vessel Transfer, Housekeeping, Crane Lift, Reposition Cube and Folk lift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together wearing the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 38° and a high of 58° with a 0% chance of rain.

Tomorrow: Low of 38° and a high of 56° with a 0% chance of rain.

GENERAL COMMENTS:

Conducted AED inspection on the Wadmalaw.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 642	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Dec 2018 - Wednesday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 11,320	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,772,649
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>				
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER		TEMP (min / max)		VISIBILITY		WIND		
Weather Caused No Delay		37 °F / 55 °F		10		12		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			13	30	EFFECTIVE WORKING TIME:			
AFT			13	30	PUMPING:	00:00	01:34	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					TURNING:	00:00	00:15	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TO DUMP:	00:00	01:46	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	CONNECTING:	00:00	00:15	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	04:02	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	7,457	DISCONNECTING:	00:00	00:14	0.0
GALLONS OF WATER CONSUMED			GAL	500	TO CUT:	00:00	01:36	0.0
WORK PERFORMED					TOTALS:	00:00	09:42	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:				
NO. OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
1	11,320	Ship Island	0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
					LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
					MINOR OPERATING REPAIRS:	00:00	00:42	0.0
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
					LAY TIME:	00:00	00:00	0.0
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0
					MISCELLANEOUS:	00:00	13:36	0.0
					TOTALS:	00:00	14:18	0.0
					LOST TIME:			
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 642
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Dec 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping on Ship Island.

1 load pumped on Ship Island today: 11,320 CY

450 loads pumped on Ship Island to date: 4,772,649 CY

153 loads dug in Horn Island Pass Borrow Area to date: 1,587,172 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

Six Delays Today:

468min - Attempting to clear sunken cube line

179min - Wait on Liberty Island (Three delays)

169min - Wait for subline and shorepipe placement

42min - Bottom dump residual

SAFETY

PRE-SHIFT MEETING:

Bullgang -Discuss Vessel transfer with crew and how to do the job in a safe matter.

JSA DISCUSSIONS:

Vessel Transfer,Housekeeping,Crane Lift,Reposition Cube, Folk lift and Removing Rock-box from main pump.

BEHAVIORAL OBSERVATIONS:

Observed crew working together wearing the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 38° and a high of 56° with a 0% chance of rain.

Tomorrow: Low of 47° and a high of 58° with a 0% chance of rain.

GENERAL COMMENTS:

Conducted AED inspection on the Jessie.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 642			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Dec 2018 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 9,590	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,550,622		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			37 °F / 55 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		11		27						
AFT		11		27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	01:36	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:05	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	04:00	0.0		
				1	CONNECTING:	00:00	00:23	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	03:27	0.0		
				0	DISCONNECTING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	04:16	0.0		
				5,668	TOTALS:	00:00	14:05	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				2,000	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
2	9,590	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:25	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	09:30	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	09:55	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 642
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 05 Dec 2018 - Wednesday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 9,590 CY

528 loads pumped on Ship Island to date: 2,550,622 CY

528 loads dug in Horn Island Pass Borrow Area to date: 2,550,622 CY

Four Delays Today:

- 324min - Subline work
- 190min - Derrick barge
- 56min - Fill site line slough
- 25min - High crank case pressure main engine shutdown

SAFETY

PRE-SHIFT MEETING:
Bullgang -Discuss Vessel transfer with crew and how to do the job in a safe matter.

JSA DISCUSSIONS:
Vessel Transfer,Housekeeping,Crane Lift,Reposition Cube, Folk lift and Removing Rock-box from main pump.

BEHAVIORAL OBSERVATIONS:
Observed crew working together wearing the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:
Today: Low of 38° and a high of 56° with a 0% chance of rain.
Tomorrow: Low of 47° and a high of 58° with a 0% chance of rain.

GENERAL COMMENTS:
Conducted AED inspection on the Jessie.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 643
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Dec 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	24,222	2,574,844
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	34 °F / 56 °F	10	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	04:09	0.0
				TURNING:	00:00	00:10	0.0
				TO DUMP:	00:00	07:08	0.0
				CONNECTING:	00:00	00:30	0.0
				DUMPING:	00:00	04:14	0.0
				DISCONNECTING:	00:00	00:25	0.0
				TO CUT:	00:00	06:18	0.0
				TOTALS:	00:00	22:54	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:06	0.0
				TOTALS:	00:00	01:06	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
5	24,222	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 643
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Dec 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

5 loads pumped on Ship Island today: 24,222 CY

533 loads pumped on Ship Island to date: 2,574,844 CY

533 loads dug in Horn Island Pass Borrow Area to date: 2,574,844 CY

Two Delays Today:

- 57min - Wait on Ellis Island
- 9min - Fouled pickup line

SAFETY

JSA DISCUSSIONS:

Operating Heavy Equipment & Forklift, Crane lifting, Change Wire On Anchor Barge, Tightening Belt on Flanges, moving Barges and Welding /Cutting/Burning

BEHAVIORAL OBSERVATIONS:

Observed contractors conducting welding operation. Minor deficiencies noted and corrected on the spot.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 47° and a high of 58° with a 0% chance of rain.
 Tomorrow: Low of 52° and a high of 63° with a 0% chance of rain.

GENERAL COMMENTS:

Conducted new SSHO training on daily safety reports, weekly reports, project meeting and JSA audits. Participated in the weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 643	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 06 Dec 2018 - Thursday	
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		17	2		2	7		
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 33,125	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,805,774	
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>				
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>				
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53
	MIN	0	TIME	19:18	MAX	0	TIME	23:59
GAGE LOCATION		Pascagoula Range Marker						
GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND	
	Weather Caused No Delay		36 °F / 55 °F		10		7	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			13	30				
AFT			13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:		00:00	03:37	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:		00:00	00:33	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:		00:00	03:32	0.0
		1		CONNECTING:		00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:		00:00	07:12	0.0
		0		DISCONNECTING:		00:00	00:24	0.0
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:		00:00	05:40	0.0
		9,191		TOTALS:		00:00	21:20	0.0
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:				
		500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00
3	33,125	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	01:03
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
				LAY TIME:		00:00	00:00	0.0
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0
				MISCELLANEOUS:		00:00	01:37	0.0
				TOTALS:		00:00	02:40	0.0
ATTENDANT PLANT				LOST TIME:				
ITEM	NAME OR NUMBER	H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00
					CESSATION:		00:00	00:00
					COLLISIONS:		00:00	00:00
					TOTALS:		00:00	00:00
					TOTAL TIME/MILES:		00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 643
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 06 Dec 2018 - Thursday

GENERAL COMMENTS

The Ellis continued digging HIP 3 and pumping on Ship Island.

3 loads pumped on Ship Island today: 33,125 CY

453 loads pumped on Ship Island to date: 4,805,774 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

26 loads dug in OCS East Borrow Area to date: 286,024 CY

Three Delays Today:

94min - Wait on Liberty Island

63min - Repairs to hydraulic draghead hose

3min - Wait on booster Jessie

SAFETY

JSA DISCUSSIONS:

Operating Heavy Equipment & Forklift, Crane lifting, Change Wire On Anchor Barge, Tightening Belt on Flanges, moving Barges and Welding /Cutting/Burning

BEHAVIORAL OBSERVATIONS:

Observed contractors conducting welding operation. Minor deficiencies noted and corrected on the spot.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 47° and a high of 58° with a 0% chance of rain.

Tomorrow: Low of 52° and a high of 63° with a 0% chance of rain.

GENERAL COMMENTS:

Conducted new SSHO training on daily safety reports, weekly reports, project meeting and JSA audits. Participated in the weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1144 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 644				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Dec 2018 - Friday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	11,114	4,816,888				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		49 °F / 64 °F		10		18				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	01:30	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:06	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	02:43	0.0	
		1		CONNECTING:				00:00	00:10	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	03:00	0.0	
		0		DISCONNECTING:				00:00	00:07	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	02:32	0.0	
		7,000		TOTALS:				00:00	10:08	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	01:35	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
1	11,114	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	12:13	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	00:04	0.0	
				TOTALS:				00:00	13:52	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 644
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Dec 2018 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island. At 1310, the dredge sailed to VT Marine to repair it's broken discharge pipe.

1 load pumped on Ship Island today: 11,114 CY

454 loads pumped on Ship Island to date: 4,805,774 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

27 loads dug in OCS East Borrow Area to date: 297,138 CY

Five Delays Today:

555min - At dock for repairs to discharge pipe

131min - Barge and tug strainers clogged

95min - Sail to VT Marine in Pascagoula

47min - Repairs to STBD hydraulic hose

4min - Fouled pickup line

SAFETY

JSA DISCUSSIONS:

Mobro 1706: Operating Heavy Equipment & Forklift, Crane lifting, Housekeeping and Vessel Transfer

BEHAVIORAL OBSERVATIONS:

Crew performing housekeeping and daily duties. Crew utilizing safe work practices while performing crane lift with good communication. Observed the safety zone and staying clear of suspended load.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 52° and a high of 63° with a 0% chance of rain.

Tomorrow: Low of 48° and a high of 63° with Heavy rain developing.

GENERAL COMMENTS:

Conducted a JSA audit with participation from the crew. Training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 644
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Dec 2018 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

3 loads pumped on Ship Island today: 24,222 CY

536 loads pumped on Ship Island to date: 2,589,416 CY

536 loads dug in Horn Island Pass Borrow Area to date: 2,589,416 CY

Four Delays Today:

183min - Wait on Eillis Island

49min - Booster Issues

6min - Ballast down due to rough seas (Two delays)

SAFETY

JSA DISCUSSIONS:

Mobro 1706: Operating Heavy Equipment & Forklift, Crane lifting, Housekeeping and Vessel Transfer

BEHAVIORAL OBSERVATIONS:

Crew performing housekeeping and daily duties. Crew utilizing safe work practices while performing crane lift with good communication. Observed the safety zone and staying clear of suspended load.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 52° and a high of 63° with a 0% chance of rain.

Tomorrow: Low of 48° and a high of 63° with Heavy rain developing.

GENERAL COMMENTS:

Conducted a JSA audit with participation from the crew. Training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 645			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 08 Dec 2018 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS East		OCS East		Ship Island	0	4,816,888			
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			50 °F / 66 °F		10		30		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			1,500		TOTALS:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	13:30	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
						MINOR OPERATING REPAIRS:		00:00	10:30	0.0
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	24:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 645
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Dec 2018 - Saturday

GENERAL COMMENTS

The Ellis remained at VT Marine in Pascagoula. The repairs to the discharge pipe were completed at 1030. The ship channel was closed due to rough seas and remained at dock.

454 loads pumped on Ship Island to date: 4,805,774 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

27 loads dug in OCS East Borrow Area to date: 297,138 CY

Two Delays Today:

810min - At dock while ship channel was closed due to rough seas

630min - At dock in Pascagoula to repair discharge pipe

SAFETY

JSA DISCUSSIONS:

Mobro 1706: Operating Heavy Equipment & Forklift, Tightening bolts on flanges, Housekeeping and Vessel Transfer

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 64° with Heavy rain developing

Tomorrow: Low of 39° and a high of 52° Low clouds; cooler

GENERAL COMMENTS:

Mobro 1706; Conducted Authorized & Qualified training with the crew on heavy equipment. Conducted GLDD Safety Orientation with one new hire. Continued training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 645
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Dec 2018 - Saturday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,963 CY

540 loads pumped on Ship Island to date: 2,608,379 CY

540 loads dug in Horn Island Pass Borrow Area to date: 2,608,379 CY

Five Delays Today:

120min - Securing hatches

17min - Ballast down for rough seas (Three delays)

2min - Dredge pump clutch

SAFETY

JSA DISCUSSIONS:

Mobro 1706: Operating Heavy Equipment & Forklift, Tightening bolts on flanges, Housekeeping and Vessel Transfer

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 48° and a high of 64° with Heavy rain developing

Tomorrow: Low of 39° and a high of 52° Low clouds; cooler

GENERAL COMMENTS:

Mobro 1706; Conducted Authorized & Qualified training with the crew on heavy equipment. Conducted GLDD Safety Orientation with one new hire. Continued training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 646
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Dec 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	18,386	2,626,765
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Non-Critical Delay	50 °F / 66 °F	10	26

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				
AFT						
	11	27				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN			
			1			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN			
			0			
GALLONS OF FUEL OIL CONSUMED			GAL			
			8,791			
GALLONS OF WATER CONSUMED			GAL			
			1,500			

WORK PERFORMED				NON-EFFECTIVE WORKING TIME:			
DREDGING AND HAULING			AGITATING				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:			
4	18,386	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:14	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:14	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 646
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Dec 2018 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,386 CY

544 loads pumped on Ship Island to date: 2,626,765 CY

544 loads dug in Horn Island Pass Borrow Area to date: 2,626,765 CY

Three Delays Today:

14min - Ballast down for rough seas (Three delays)

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 39° and a high of 48° cloudy and cooler

Tomorrow: Low of 36° and a high of 53° Times of clouds and sun; cool

GENERAL COMMENTS:

Unload the Ohio River weekly inspection into NS5. Working on competing Moxie courses. Continued training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 646			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Dec 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS East		OCS East		Ship Island	0	4,816,888			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Previous Weather - Non-Critical Delay			41 °F / 50 °F	10	19				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	01:16	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	TO DUMP:		00:00	02:35	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	CONNECTING:		00:00	00:13	0.0
GALLONS OF FUEL OIL CONSUMED				GAL	2,889	DUMPING:		00:00	02:27	0.0
GALLONS OF WATER CONSUMED				GAL	500	DISCONNECTING:		00:00	00:00	0.0
WORK PERFORMED					TO CUT:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		TOTALS:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		NON-EFFECTIVE WORKING TIME:					
					TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:		00:00	02:30	0.0	
					LOSS DUE TO NATURAL ELEMENTS:		00:00	11:52	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:48	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	02:19	0.0	
					TOTALS:		00:00	17:29	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 646
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Dec 2018 - Sunday

GENERAL COMMENTS

The Ellis began the day docked at VT Marine due to closed ship channel for weather. At 1150, the dredge left dock and began sailing back to OCS East to resume operations. Dredge resumed digging OCS East at 1420 with no loads completed today.

454 loads pumped on Ship Island to date: 4,805,774 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

27 loads dug in OCS East Borrow Area to date: 297,138 CY

Five Delays Today:

712min - At dock with repairs completed due to closed ship channel for rough seas

150min - Sail to borrow area from dock

84min - Wait for Liberty Island

55min - Leak on fill site pipe

48min - Hose tangled at discharge

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 39° and a high of 48° cloudy and cooler

Tomorrow: Low of 36° and a high of 53° Times of clouds and sun; cool

GENERAL COMMENTS:

Unload the Ohio River weekly inspection into NS5. Working on competing Moxie courses. Continued training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 647		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Dec 2018 - Monday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
	OCS East		OCS East		Ship Island	21,829	4,838,717		
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM			
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>					
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
		GAGE LOCATION		Pascagoula Range Marker					
		GAGE DATUM		NAVD88					
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay		39 °F / 55 °F		10		15		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			13	30					
AFT			13	30	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:		00:00	02:03	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:		00:00	05:05	0.0	
		1		CONNECTING:		00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:		00:00	06:26	0.0	
		0		DISCONNECTING:		00:00	00:31	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:		00:00	05:38	0.0	
		10,300		TOTALS:		00:00	20:09	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:					
		500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	21,829	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:02	0.0
				TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
				LAY TIME:		00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
				MISCELLANEOUS:		00:00	03:49	0.0	
				TOTALS:		00:00	03:51	0.0	
ATTENDANT PLANT				LOST TIME:					
ITEM	NAME OR NUMBER	H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
					CESSATION:		00:00	00:00	0.0
					COLLISIONS:		00:00	00:00	0.0
					TOTALS:		00:00	00:00	0.0
					TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 647
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Dec 2018 - Monday

GENERAL COMMENTS

The Ellis Island continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 21,829 CY

456 loads pumped on Ship Island to date: 4,838,717 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

29 loads dug in OCS East Borrow Area to date: 318,967 CY

Four Delays Today:

115min - Dragarm calibration in preparation for DQM inspection

109min - Wait on Liberty Island

5min - False vosta alarm

2min - STBD main engine clutch out

SAFETY

JSA DISCUSSIONS:

Changing the wye-valve, Working the light plant, Moving equipment forklift, Adding-breaking shorepipe, Pulling the drag bar, Fueling equipment and Building and Maintaining.

BEHAVIORAL OBSERVATIONS:

Fill site-Observed crew utilizing safe work practices and good communication between machine while working together moving sand in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 31° and a high of 55° clouds and sun;cool

Tomorrow: Low of 37° and a high of 56° Plenty of sun

GENERAL COMMENTS:

Conducted AED inspection. Continued training with new SSHO. Conducted wheel loader training with three Bullgang personnel.

Upload ACB8,ACB9,AB113,AB118 and weekly inspection NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 647
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Dec 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,514 CY

548 loads pumped on Ship Island to date: 2,646,279 CY

548 loads dug in Horn Island Pass Borrow Area to date: 2,646,279 CY

Two Delays Today:

27min - Main engine shutdown during pumpout
3min - Fouled bridle

SAFETY

JSA DISCUSSIONS:

Changing the wye-valve, Working the light plant, Moving equipment forklift, Adding-breaking shorepipe, Pulling the drag bar, Fueling equipment and Building and Maintaining.

BEHAVIORAL OBSERVATIONS:

Fill site-Observed crew utilizing safe work practices and good communication between machine while working together moving sand in a safe manner.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 31° and a high of 55° clouds and sun;cool
Tomorrow: Low of 37° and a high of 56° Plenty of sun

GENERAL COMMENTS:

Conducted AED inspection. Continued training with new SSHO. Conducted wheel loader training with three Bullgang personnel. Upload ACB8,ACB9,AB113,AB118 and weekly inspection NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 648
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 Dec 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	4,923	2,651,202
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	35 °F / 54 °F	10	11

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	00:10	0.0
			1	CONNECTING:	00:00	00:08	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:53	0.0
			0	DISCONNECTING:	00:00	00:04	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	01:30	0.0
			1,514	TOTALS:	00:00	02:45	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	20:10	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	01:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
1	4,923	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:05	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	21:15	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 648
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Dec 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island. The dredge sailed to Gulfport to receive fuel.

1 load pumped on Ship Island today: 4,923 CY

549 loads pumped on Ship Island to date: 2,651,202 CY

549 loads dug in Horn Island Pass Borrow Area to date: 2,651,202 CY

Two Delays Today:

1270min - At Gulfport for fuel and inspections
5min - Waiting on Wadmalaw

SAFETY

PRE-SHIFT MEETING:

Liberty- Chief Jason conducted contractor briefing on the instruction before dive team proceed in going in the water. Good communication and make sure LOTO is in place. Diver JSA briefing was conducted on safety procedures.

JSA DISCUSSIONS:

Liberty- Welding, Breaking out, Stowing Lines/Tie up, Chipping and Grinding, Lines Handling and Tieing up and Letting go, inspect and Clean out discharge Box, Crew Boat Personnel Transfer, Hooking up and Letting Go, Using Incinerator, Sweeping, Mopping, And HouseKeeping, Painting, Working Over 6, Working with Hand Tool, Working with power Tool, Cranes Lifts, Working for Scaffolding, Welding, Cleaning dragheads.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed contractor crew utilizing safe work practices and good communication between each other while diver work underwater safely. Other crew members were wearing PFD and proper PPE. Observed crew making crane lifts using the proper technique and following protocol. Conducted good housekeeping with keeping area clear of trip,slip and fall.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 37° and a high of 56° Abundant sunshine
Tomorrow: Low of 57° and a high of 63° Time of clouds and sun

GENERAL COMMENTS:

Conducted water samples on Liberty. Continued training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 648
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Dec 2018 - Tuesday

GENERAL COMMENTS

The Ellis Island continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 21,716 CY

458 loads pumped on Ship Island to date: 4,860,433 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

31 loads dug in OCS East Borrow Area to date: 340,683 CY

Eight Delays Today:

158min - Attempt to flush cube and riser

126min - Investigate STBD main engine clutch out (Three delays)

121min - DQM draghead calibration (Two delays)

22min - Flush line for fill site to advance wye-valves

10min - Finish checking inclinometer and plugging lower horizontal angle cable on port draghead

SAFETY

PRE-SHIFT MEETING:

Liberty- Chief Jason conducted contractor briefing on the instruction before dive team proceed in going in the water. Good communication and make sure LOTO is in place. Diver JSA briefing was conducted on safety procedures.

JSA DISCUSSIONS:

Liberty- Welding, Breaking out, Stowing Lines/Tie up, Chipping and Grinding, Lines Handling and Tying up and Letting go, inspect and Clean out discharge Box, Crew Boat Personnel Transfer, Hooking up and Letting Go, Using Incinerator, Sweeping, Mopping, And HouseKeeping, Painting, Working Over 6, Working with Hand Tool, Working with power Tool, Cranes Lifts, Working for Scaffolding, Welding, Cleaning dragheads.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed contractor crew utilizing safe work practices and good communication between each other while diver work underwater safely. Other crew members were wearing PFD and proper PPE. Observed crew making crane lifts using the proper technique and following protocol. Conducted good housekeeping with keeping area clear of trip, slip and fall.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 37° and a high of 56° Abundant sunshine

Tomorrow: Low of 57° and a high of 63° Time of clouds and sun

GENERAL COMMENTS:

Conducted water samples on Liberty. Continued training with new SSHO.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1165 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 649
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 12 Dec 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island sailed back to HIP 3 and resumed operations at 0925.

2 loads pumped on Ship Island today: 9,570 CY

551 loads pumped on Ship Island to date: 2,660,772 CY

551 loads dug in Horn Island Pass Borrow Area to date: 2,660,772 CY

Two Delays Today:

564min - Fuel and parts at Gulfport
7min - Fouled pickup line

SAFETY

JSA DISCUSSIONS:
Cranes Lifting, Welding/Cutting/Burning and Operating Heavy Equipment & Forklift.

BEHAVIORAL OBSERVATIONS:
1706-Observed crew utilizing safe work practices while performing crane lifts. good communication and secured load properly. Crew observed the safe zone and staying clear of the suspended load. Observed crew doing daily routine duties and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:
Today: Low of 56° and a high of 62° Mostly cloudy
Tomorrow: Low of 57° and a high of 66° Rain and a thunderstorm

GENERAL COMMENTS:
1706-Crew member did a ESF with comments.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 649
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Dec 2018 - Wednesday

GENERAL COMMENTS

The Ellis Island continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 22,296 CY

460 loads pumped on Ship Island to date: 4,860,433 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

33 loads dug in OCS East Borrow Area to date: 362,979 CY

One Delay Today:

10min - Clear B10S Valve

SAFETY

JSA DISCUSSIONS:

Cranes Lifting, Welding/Cutting/Burning and Operating Heavy Equipment & Forklift.

BEHAVIORAL OBSERVATIONS:

1706-Observed crew utilizing safe work practices while performing crane lifts. good communication and secured load properly. Crew observed the safe zone and staying clear of the suspended load. Observed crew doing daily routine duties and housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 56° and a high of 62° Mostly cloudy

Tomorrow: Low of 57° and a high of 66° Rain and a thunderstorm

GENERAL COMMENTS:

1706-Crew member did a ESF with comments.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 650					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Dec 2018 - Thursday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	OCS East		OCS East		Ship Island	22,399	4,905,128					
		AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
		GAGE LOCATION		Pascagoula Range Marker								
		GAGE DATUM		NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused Non-Critical Delay		40 °F / 62 °F		10		15					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	03:17	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	01:31	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	04:30	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:22	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	9,000	DUMPING:					00:00	05:34	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:23	0.0
WORK PERFORMED				TO CUT:					00:00	02:23	0.0	
DREDGING AND HAULING		AGITATING		TOTALS:					00:00	18:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:								
2	22,399	Ship Island	0	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	02:31	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	01:12	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	02:17	0.0	
				TOTALS:					00:00	06:00	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 650
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 13 Dec 2018 - Thursday

GENERAL COMMENTS

The Ellis Island continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 22,399 CY

462 loads pumped on Ship Island to date: 4,905,128 CY

156 loads dug in Horn Island Pass Borrow Area to date: 1,620,297 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

Seven Delays Today:

151min - Pickup line and pumpout hose over subline

97min - Wait on Liberty Island

41min - Repacking stuffing box (Two delays)

40min - Booster checking gear

29min - STBD engine clutched out for repairs

2min - Backflush STBD dredge pump

SAFETY

PRE-SHIFT MEETING:

Discussions included: weather, rain coming, warmer. Safety issues or concerns from yesterday. Watch out for wet and slippery decks and uneven surfaces that lead to soft tissue damages. Scope and priorities of work were briefed. SSHO talked about Slips, Trips and Fall (STF) Factors, most cited violations and Non-Recordable Injuries from Jason Campbell. Crews participated in Stretch and Flex exercises and SHAKE.

JSA DISCUSSIONS:

Hot work; Welding, Cutting/Burning; Crane Lifting; Operating Heavy Equipment & Forklift; Housekeeping; Change Hoist/Drag Cable on Anchor Barge; Vessel Transfers. Unloading Trucks.

BEHAVIORAL OBSERVATIONS:

Witnessed our Contractors this morning walk on the Derrick then onto the AB without any gloves, one without safety glasses on and not using the boarding station to cross over. Our employees working on site need to speak up and stop this before it happens. I talked to the Contractors to get their Safety gear on and always use the boarding station when doing a transfer. The next Contractor was stopped by the Mate and he retrieved some safety gear for the Contractor to use before he came on the Derrick then AB.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 67, Rain and a thunderstorm, Low 57, Heavy rain and t-storms.

Friday: High of 62, Brief showers. Low 47. Mostly cloudy. Winds: WSW 10 mph, Gusts: 16 mph.

Housekeeping is being maintained by our crews throughout the project site.

GENERAL COMMENTS:

SSHO did safety walk around the Derrick, Anchor Barge and Fuel Barge.

Rough sea conditions limited access from crew boat to Dredge for safety purposes.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 650
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Dec 2018 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE 17	OTHER PLANT 2
		WORK SCHEDULE	SHIFTS PER DAY 2
			DAYS PER WEEK 7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 18,925	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,679,697
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	40 °F / 62 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27	EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	03:20	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:50	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:16	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:39	0.0
			1	DUMPING:	00:00	04:09	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:26	0.0
			0	TO CUT:	00:00	06:32	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:12	0.0
			8,032	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			2,400	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	18,925	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 650
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Dec 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,925 CY

555 loads pumped on Ship Island to date: 2,679,697 CY

555 loads dug in Horn Island Pass Borrow Area to date: 2,679,697 CY

Two Delays Today:

26min - Wait on Ellis Island

22min - Crew boat transfer

SAFETY

PRE-SHIFT MEETING:

Discussions included: weather, rain coming. warmer. Safety issues or concerns from yesterday. Watch out for wet and slippery decks and uneven surfaces that lead to soft tissue damages. Scope and priorities of work were briefed. SSHO talked about Slips, Trips and Fall (STF) Factors, most cited violations and Non-Recordable Injuries from Jason Campbell. Crews participated in Stretch and Flex exercises and SHAKE.

JSA DISCUSSIONS:

Hot work; Welding, Cutting/Burning; Crane Lifting; Operating Heavy Equipment & Forklift; Housekeeping; Change Hoist/Drag Cable on Anchor Barge; Vessel Transfers. Unloading Trucks.

BEHAVIORAL OBSERVATIONS:

Witnessed our Contractors this morning walk on the Derrick then onto the AB without any gloves, one without safety glasses on and not using the boarding station to cross over. Our employees working on site need to speak up and stop this before it happens. I talked to the Contractors to get their Safety gear on and always use the boarding station when doing a transfer. The next Contractor was stopped by the Mate and he retrieved some safety gear for the Contractor to use before he came on the Derrick then AB.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 67, Rain and a thunderstorm, Low 57, Heavy rain and t-storms.
 Friday: High of 62, Brief showers. Low 47. Mostly cloudy. Winds: WSW 10 mph, Gusts: 16 mph.
 Housekeeping is being maintained by our crews throughout the project site.

GENERAL COMMENTS:

SSHO did safety walk around the Derrick, Anchor Barge and Fuel Barge.
 Rough sea conditions limited access from crew boat to Dredge for safety purposes.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 651
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Dec 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	17,611	2,697,308
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	53 °F / 63 °F	10	32

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:57	0.0
				TURNING:	00:00	00:44	0.0
				TO DUMP:	00:00	07:14	0.0
				CONNECTING:	00:00	00:32	0.0
				DUMPING:	00:00	04:56	0.0
				DISCONNECTING:	00:00	00:25	0.0
				TO CUT:	00:00	06:12	0.0
				TOTALS:	00:00	24:00	0.0
				NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	17,611	Ship Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 651
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 14 Dec 2018 - Friday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 17,611 CY

559 loads pumped on Ship Island to date: 2,697,308 CY

559 loads dug in Horn Island Pass Borrow Area to date: 2,697,308 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Discussions included: Site conditions, hazards, rain, mud, wet and slippery surfaces. Issues from yesterday; SSHO mentioned to stop our contractors before they get on board to have all their PPE. Job scope of work; equipment, land and crane operations. SSHO mentioned to be A & Q to use equipment and tools. Check your surrounding. Use ground guides. Crews participated in Stretch and Flex exercises and SHAKE.

JSA DISCUSSIONS:

Hot work; Welding, Cutting/Burning; Crane Lifting; Operating Heavy Equipment & Forklift; Housekeeping; Vessel Transfers

BEHAVIORAL OBSERVATIONS:

Observed crew working safely on the Derrick and AB. Crew using caution on the wet decks, uneven surfaces and using the boarding stations when doing a transfer. Crane Operator and SSHO found some worn out Dirt Slings that were badly faded and unreadable identification tags. Operator will be ordering replacements and taking slings out of service.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 62, Brief showers. Low 47, Mostly cloudy. WSW 9 mph, Gusts: 21 mph
 Saturday: High of 60, Sunny/partly cloudy. Low 45. Partly cloudy. Winds: W 10 mph, Gusts: 14 mph.
 Housekeeping is being maintained by our crews throughout the project site.

GENERAL COMMENTS:

SSHO talked to crew about being A & Q to operate equipment. Need training for Forklift. Will get with Management and get training set up. SSHO conducted Safety inspections of Derrick, AB, and Fuel Barge. Found two Good Catches.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 651
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Dec 2018 - Friday

GENERAL COMMENTS

The Ellis Island continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 21,285 CY

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

Four Delays Today:

426min - Cube blowout

21min - Repairs

18min - Fix jet pump

18min - Repack stuffing box

SAFETY

PRE-SHIFT MEETING:

Discussions included: Site conditions, hazards, rain, mud, wet and slippery surfaces. Issues from yesterday; SSHO mentioned to stop our contractors before they get on board to have all their PPE. Job scope of work; equipment, land and crane operations. SSHO mentioned to be A & Q to use equipment and tools. Check your surrounding. Use ground guides. Crews participated in Stretch and Flex exercises and SHAKE.

JSA DISCUSSIONS:

Hot work; Welding, Cutting/Burning; Crane Lifting; Operating Heavy Equipment & Forklift; Housekeeping; Vessel Transfers

BEHAVIORAL OBSERVATIONS:

Observed crew working safely on the Derrick and AB. Crew using caution on the wet decks, uneven surfaces and using the boarding stations when doing a transfer. Crane Operator and SSHO found some worn out Dirt Slings that were badly faded and unreadable identification tags. Operator will be ordering replacements and taking slings out of service.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 62, Brief showers. Low 47, Mostly cloudy. WSW 9 mph, Gusts: 21 mph

Saturday: High of 60, Sunny/partly cloudy. Low 45. Partly cloudy. Winds: W 10 mph, Gusts: 14 mph.

Housekeeping is being maintained by our crews throughout the project site.

GENERAL COMMENTS:

SSHO talked to crew about being A & Q to operate equipment. Need training for Forklift. Will get with Management and get training set up. SSHO conducted Safety inspections of Derrick, AB, and Fuel Barge. Found two Good Catches.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 652						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Dec 2018 - Saturday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 3	HIP 3		Ship Island	18,168	2,715,476						
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>								
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>								
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker		
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88		
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		51 °F / 65 °F		10		23					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11		27							
AFT													
				11		27							
DRAG DEPTH		MAX <u>35</u>		MIN <u>35</u>									
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		8,253							
GALLONS OF WATER CONSUMED				GAL		1,200							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
4	18,168	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:05		0.0	
						TOTALS:		00:00		00:05		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 652
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 15 Dec 2018 - Saturday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,168 CY

563 loads pumped on Ship Island to date: 2,715,476 CY

563 loads dug in Horn Island Pass Borrow Area to date: 2,715,476 CY

One Delay Today:

5min - Dragtender computer lost power

SAFETY

PRE-SHIFT MEETING:

Discussions included: weather and sea conditions, use caution on deck. wet, slippery and uneven surfaces. safety concerns; dredge is down do to pump out hose being torn. working issue. Scope of work for crew discussed. welding, making brackets for spool lines to get off deck, going over safety checklist, housekeeping and some renovating to add storage shelves to upper control room. Crews participated in Stretch and Flex exercises and SHAKE.

JSA DISCUSSIONS:

Housekeeping/Sanitary; Personnel Transfer; Using the Incinerator; Hot Work-Welding, Cutting, Grinding;

BEHAVIORAL OBSERVATIONS:

Observed crew going over plan to change out Draghead teeth. JSA, SALT Ref. PPE, inspected, identified tools, who is A & Q users and hazards identified.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 62, Brief showers. Low 47, Mostly cloudy. WSW 9 mph, Gusts: 21 mph
 Saturday: High of 60, Sunny/partly cloudy. Low 45. Partly cloudy. Winds: W 10 mph, Gusts: 14 mph.
 Housekeeping is being maintained by our crews throughout the project site.

GENERAL COMMENTS:

SSHO conducted safety checks around the Dredge and Mackie. Fire extinguishers and AED inspections.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 652
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Dec 2018 - Saturday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,926,413
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	51 °F / 56 °F	7	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			2,444	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			98	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 652
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 15 Dec 2018 - Saturday	

GENERAL COMMENTS

The Ellis Island was anchored all day while waiting for weather to subside for the bullgang to work to repair the sink hose leaking on the cube.

No loads today.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

PRE-SHIFT MEETING:

Discussions included: weather and sea conditions, use caution on deck. wet, slippery and uneven surfaces. safety concerns; dredge is down do to pump out hose being torn. working issue. Scope of work for crew discussed. welding, making brackets for spool lines to get off deck, going over safety checklist, housekeeping and some renovating to add storage shelves to upper control room. Crews participated in Stretch and Flex exercises and SHAKE.

JSA DISCUSSIONS:

Housekeeping/Sanitary; Personnel Transfer; Using the Incinerator; Hot Work-Welding, Cutting, Grinding;

BEHAVIORAL OBSERVATIONS:

Observed crew going over plan to change out Draghead teeth. JSA, SALT Ref. PPE, inspected, identified tools, who is A & Q users and hazards identified.

SITE CONDITIONS & HOUSEKEEPING:

Today: High of 62, Brief showers. Low 47, Mostly cloudy. WSW 9 mph, Gusts: 21 mph

Saturday: High of 60, Sunny/partly cloudy. Low 45. Partly cloudy. Winds: W 10 mph, Gusts: 14 mph.

Housekeeping is being maintained by our crews throughout the project site.

GENERAL COMMENTS:

SSHO conducted safety checks around the Dredge and Mackie. Fire extinguishers and AED inspections.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 653
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 16 Dec 2018 - Sunday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	4,926,413
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	53 °F / 61 °F	8	19

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,506	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	100	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 653
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Dec 2018 - Sunday

GENERAL COMMENTS

The Ellis Island was anchored all day while due to leak at the cube. Bullgang working to repair.

No loads today.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Watch Engineer discussed weather/sea conditions, scope of work for the day and questioned the crew about safety issues. The Oiler left his painting supplies out last night, didn't clean up and actually painted the wrong area. Communication; make sure everyone understands their duties. Crews participated in Stretch/Flex exercises and SHAKE.

JSA DISCUSSIONS:

Wadmalaw: Safety Sunday Checks, Painting Lower Pump Room, Housekeeping/Sanitary, Personnel Transfer, Using the Incinerator, Hot Work-Welding, Cutting, Grinding

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Watch Engineer found a garbage can in front of the eye wash station and removed it immediately. Discussed with the crew the importance of not blocking emergency equipment. Also discussed if you have something in your eye your not going to see the garbage can and most likely fall over it getting to the eyewash station. Good Catch!

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 47° and a high of 61°.

Tomorrow: Low of 46° and a high of 63°. 5% chance of rain.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted safety checks. Also conducted Weekly Tool Box training on Drugs & Alcohol.

Followed up on incidents from yesterday. Mackie/Ellis AB and Oiler are doing good.

Worked on safety administrative duties and updated drop box with project files.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 653	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Dec 2018 - Sunday	
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		HIP 3	HIP 3		Ship Island	19,437	2,734,913	
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>			
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>				
		MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 53 °F / 61 °F	VISIBILITY 8	WIND 18		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27	EFFECTIVE WORKING TIME:				
AFT		11	27	PUMPING:	00:00	04:09	0.0	
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:31	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:25	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	01:08	0.0	
			1	DUMPING:	00:00	04:31	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:22	0.0	
			0	TO CUT:	00:00	05:47	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:53	0.0	
			6,610	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
4	19,437	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:07	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:07	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 653
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 16 Dec 2018 - Sunday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,437 CY

567 loads pumped on Ship Island to date: 2,734,913 CY

567 loads dug in Horn Island Pass Borrow Area to date: 2,734,913 CY

One Delay Today:

7min - Fouled pickup line

SAFETY

PRE-SHIFT MEETING:

Wadmalaw: Watch Engineer discussed weather/sea conditions, scope of work for the day and questioned the crew about safety issues. The Oiler left his painting supplies out last night, didn't clean up and actually painted the wrong area. Communication; make sure everyone understands their duties. Crews participated in Stretch/Flex exercises and SHAKE.

JSA DISCUSSIONS:

Wadmalaw: Safety Sunday Checks, Painting Lower Pump Room, Housekeeping/Sanitary, Personnel Transfer, Using the Incinerator, Hot Work-Welding, Cutting, Grinding

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Watch Engineer found a garbage can in front of the eye wash station and removed it immediately. Discussed with the crew the importance of not blocking emergency equipment. Also discussed if you have something in your eye your not going to see the garbage can and most likely fall over it getting to the eyewash station. Good Catch!

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 47° and a high of 61°.

Tomorrow: Low of 46° and a high of 63°. 5% chance of rain.

GENERAL COMMENTS:

Wadmalaw: SSHO conducted safety checks. Also conducted Weekly Tool Box training on Drugs & Alcohol.

Followed up on incidents from yesterday. Mackie/Ellis AB and Oiler are doing good.

Worked on safety administrative duties and updated drop box with project files.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 654
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Dec 2018 - Monday

GENERAL COMMENTS

The Ellis Island cleared the plugged cube and two sink hoses from the previous subline. Bullgang is working to disconnect the leaking/damaged cube and replace it with the other cube setup.
No loads today.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

Fill Site: Foreman discussed job tasks for the day. Also discussed weather and back safety. Questioned crew about safety concerns. Crews participated in Stretch/Flex and SHAKE exercises.

JSA DISCUSSIONS:

Mackie/Ellis: checking drag arms, greasing gear, housekeeping/sanitary, using the incinerator, bunkering, hot work, personnel transfer

Fill Site: Building/Maintaining Dikes, Fueling Equipment, Working the Light Plant, Changing the Wye-Valves

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices while performing multiple crane lifts. Crew using proper hand signals and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 46° and a high of 63°.

Tomorrow: Low of 52° and a high of 63°. 5% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Conducted water samples. Also conducted a safety walk around and Predictive Solutions inspections on both vessels. One issue was added to the PS database. Conducted Drug and Alcohol training with 18 personnel. Documented monthly AED inspections.

SSHO conducted safety checks around the Fill Site and on the Brooke Elizabeth.
Also escorted employee to his follow up appointment.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 654	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 17 Dec 2018 - Monday	
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		HIP 3	HIP 3		Ship Island	14,709	2,749,622		
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1850</u>			
		DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>83 °F</u>			
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53
		MIN	0	TIME	19:18	MAX	0	TIME	23:59
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND	
		Weather Caused No Delay		53 °F / 61 °F		8		18	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
AFT					EFFECTIVE WORKING TIME:				
					PUMPING:	00:00	02:56	0.0	
					TURNING:	00:00	00:34	0.0	
					TO DUMP:	00:00	05:39	0.0	
					CONNECTING:	00:00	00:26	0.0	
					DUMPING:	00:00	03:41	0.0	
					DISCONNECTING:	00:00	00:18	0.0	
					TO CUT:	00:00	04:21	0.0	
					TOTALS:	00:00	17:55	0.0	
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					NON-EFFECTIVE WORKING TIME:				
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
				1	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				0	MINOR OPERATING REPAIRS:	00:00	06:05	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				6,610	LAY TIME:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				GAL	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				1,000	MISCELLANEOUS:	00:00	00:00	0.0	
WORK PERFORMED					TOTALS:	00:00	06:05	0.0	
DREDGING AND HAULING				AGITATING	LOST TIME:				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
3	14,709	Ship Island	0		CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 654
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Dec 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

3 loads pumped on Ship Island today: 14,709 CY

570 loads pumped on Ship Island to date: 2,749,621 CY

570 loads dug in Horn Island Pass Borrow Area to date: 2,749,621 CY

Two Delays Today:

346min - Main engine cod red shutdown
19min - Repair fluid leak

SAFETY

PRE-SHIFT MEETING:

Mackie/Ellis: Captain discussed job tasks for the day.

Fill Site: Foreman discussed job tasks for the day. Also discussed weather and back safety. Questioned crew about safety concerns. Crews participated in Stretch/Flex and SHAKE exercises.

JSA DISCUSSIONS:

Mackie/Ellis: checking drag arms, greasing gear, housekeeping/sanitary, using the incinerator, bunkering, hot work, personnel transfer

Fill Site: Building/Maintaining Dikes, Fueling Equipment, Working the Light Plant, Changing the Wye-Valves

BEHAVIORAL OBSERVATIONS:

Mackie/Ellis: Crews utilizing safe work practices while performing multiple crane lifts. Crew using proper hand signals and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 46° and a high of 63°.
Tomorrow: Low of 52° and a high of 63°. 5% chance of rain.

GENERAL COMMENTS:

Mackie/Ellis: Conducted water samples. Also conducted a safety walk around and Predictive Solutions inspections on both vessels. One issue was added to the PS database. Conducted Drug and Alcohol training with 18 personnel. Documented monthly AED inspections.

SSHO conducted safety checks around the Fill Site and on the Brooke Elizabeth.
Also escorted employee to his follow up appointment.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 655
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Dec 2018 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 2 and 3	HIP 2 and 3	Ship Island	19,751	2,769,373
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>
	MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	44 °F / 62 °F	10	6

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	03:50	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:47	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	05:33	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:22	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	04:57	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	7,787	DISCONNECTING:	00:00	00:25	0.0
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	06:13	0.0
WORK PERFORMED				TOTALS:	00:00	22:07	0.0
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
4	19,751	Ship Island	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:27	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	01:26	0.0
				TOTALS:	00:00	01:53	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 655
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 18 Dec 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,751 CY

574 loads pumped on Ship Island to date: 2,769,372 CY

574 loads dug in Horn Island Pass Borrow Area to date: 2,769,372 CY

Three Delays Today:

86min - Booster lost pressure due to kink in hose

14min - Troubleshooting vibration issues

13min - Pumping water

SAFETY

BEHAVIORAL OBSERVATIONS:

Ohio River: SSHO assisted Ohio River crew boat Captain with rigging and loading/unloading stores on multiple trips to the dredges and Boosters. ***This crew boat Captain is not rigging authorized/qualified***

Mackie/Ellis: Crews utilizing safe work practices while performing multiple crane lifts. Crew using proper hand signals and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 52° and a high of 63°.

Tomorrow: Low of 57° and a high of 64°. 60% chance of rain.

GENERAL COMMENTS:

Conducted monthly AED inspection on Emma Kate.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 655
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Dec 2018 - Tuesday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	4,926,413
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>
	MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	44 °F / 62 °F	10	6

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30	EFFECTIVE WORKING TIME:			
AFT	13	30	PUMPING:	00:00	00:00	0.0
			TURNING:	00:00	00:00	0.0
			TO DUMP:	00:00	00:00	0.0
			CONNECTING:	00:00	00:00	0.0
			DUMPING:	00:00	00:00	0.0
			DISCONNECTING:	00:00	00:00	0.0
			TO CUT:	00:00	00:00	0.0
			TOTALS:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>			NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>07/14/2018</u>			TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		1	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
		0	MINOR OPERATING REPAIRS:	00:00	24:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
		1,580	LAY TIME:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
		100	MISCELLANEOUS:	00:00	00:00	0.0
WORK PERFORMED			TOTALS:	00:00	24:00	0.0
DREDGING AND HAULING			LOST TIME:			
AGITATING			MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 655
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 18 Dec 2018 - Tuesday	

GENERAL COMMENTS

The Ellis Island remained at anchor. Divers and bullgang worked on disconnecting the riser from the submerged pipe. Heavy lift crane departed the jobsite at 2300 due to rough seas.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

BEHAVIORAL OBSERVATIONS:

Ohio River: SSHO assisted Ohio River crew boat Captain with rigging and loading/unloading stores on multiple trips to the dredges and Boosters. ***This crew boat Captain is not rigging authorized/qualified***

Mackie/Ellis: Crews utilizing safe work practices while performing multiple crane lifts. Crew using proper hand signals and wearing all required PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Low of 52° and a high of 63°.

Tomorrow: Low of 57° and a high of 64°. 60% chance of rain.

GENERAL COMMENTS:

Conducted monthly AED inspection on Emma Kate.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 656			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Dec 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,926,413		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			53 °F / 62 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			8,384		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,600		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	24:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 656
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 19 Dec 2018 - Wednesday

GENERAL COMMENTS

The Ellis Island remained at anchor. The new Ellis cube connection is expected to be completed on Friday, 12/21 and will be towed out after the booster Jessie is repaired. The Jessie repairs are expected to be completed on Saturday 12/22, weather dependent.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of rain. Low of 57° and a high of 64°.

Tomorrow: Low of 43° and a high of 59°. Windy with a 60% chance of rain.

GENERAL COMMENTS:

Worked with Captain to sign off open issues on the Mackie/Ellis. Also initiated MCIA for MOB. Scanned and saved project documents to drop box.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1194 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 656			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 19 Dec 2018 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 2 and 3		REACH DREDGED; STA TO STA HIP 2 and 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,573	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,788,946			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			53 °F / 62 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:48	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:43	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	07:28	0.0		
				1	CONNECTING:	00:00	00:35	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	04:39	0.0		
				0	DISCONNECTING:	00:00	00:38	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	05:57	0.0		
				8,384	TOTALS:	00:00	23:48	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				1,600	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
4	19,573	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:12	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:12	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 656
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 19 Dec 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 2 and 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,573 CY

578 loads pumped on Ship Island to date: 2,788,946 CY

578 loads dug in Horn Island Pass Borrow Area to date: 2,788,946 CY

One Delay Today:

12min - Crane lift for stores

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Periods of rain. Low of 57° and a high of 64°.

Tomorrow: Low of 43° and a high of 59°. Windy with a 60% chance of rain.

GENERAL COMMENTS:

Worked with Captain to sign off open issues on the Mackie/Ellis. Also initiated MCIA for MOB. Scanned and saved project documents to drop box.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1196 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 657					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Dec 2018 - Thursday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,926,413				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
		GAGE LOCATION		Pascagoula Range Marker				GAGE DATUM		NAVD88		
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			49 °F / 60 °F		10		20				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
			13			30						
AFT			13			30						
	DRAG DEPTH		MAX <u>42</u> MIN <u>42</u>									
INDICATORS LAST CHECKED ON <u>07/14/2018</u>												
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN							
					1							
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN							
					0							
GALLONS OF FUEL OIL CONSUMED					GAL							
					1,800							
GALLONS OF WATER CONSUMED					GAL							
					100							
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING			AGITATING				TAKING ON FUEL AND SUPPLIES:		00:00		00:00	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
							LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
							LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
							MINOR OPERATING REPAIRS:		00:00		24:00	
							TRANSFERRING BETWEEN WORKS:		00:00		00:00	
							LAY TIME:		00:00		00:00	
							FIRE AND BOAT DRILLS:		00:00		00:00	
							MISCELLANEOUS:		00:00		00:00	
							TOTALS:		00:00		24:00	
ATTENDANT PLANT					LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00	
							CESSATION:		00:00		00:00	
							COLLISIONS:		00:00		00:00	
							TOTALS:		00:00		00:00	
							TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 657
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 20 Dec 2018 - Thursday

GENERAL COMMENTS

The Ellis Island remained at anchor. The Jessie repairs are expected to be completed on Saturday 12/22, weather dependent.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain. Low of 44° and a high of 60°.

Tomorrow: Low of 38° and a high of 52°. Partly cloudy with 16 to 25 mph winds..

GENERAL COMMENTS:

Conducted administration work such as: Participated in the project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1198 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 657	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 20 Dec 2018 - Thursday		
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
LOCATION OF WORK		LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 4,844	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,793,790		
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>				
		DENSITY OF WATER			GMS/LITER@ <u>1025</u> <u>83</u> °F				
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>					
		MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 49 °F / 60 °F	VISIBILITY 10	WIND 20			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
		11	27	EFFECTIVE WORKING TIME:					
AFT		11	27	PUMPING:	00:00	00:00	0.0		
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	01:32	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:06	0.0		
			1	DUMPING:	00:00	01:07	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:06	0.0		
			0	TO CUT:	00:00	01:28	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	04:19	0.0		
			5,284	NON-EFFECTIVE WORKING TIME:					
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
			1,300	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
1	4,844	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
				MISCELLANEOUS:	00:00	19:41	0.0		
				TOTALS:	00:00	19:41	0.0		
LOST TIME:				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
				CESSATION:	00:00	00:00	0.0		
				COLLISIONS:	00:00	00:00	0.0		
				TOTALS:	00:00	00:00	0.0		
				TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 657
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 20 Dec 2018 - Thursday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island. At 0420, the dredge went down due to a leak on the booster Jessie and remained down for the rest of the day.

1 load pumped on Ship Island today: 4,844 CY

579 loads pumped on Ship Island to date: 2,793,790 CY

579 loads dug in Horn Island Pass Borrow Area to date: 2,793,790 CY

One Delay Today:

1181min - Leak on the Jessie

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: 50% chance of rain. Low of 44° and a high of 60°.

Tomorrow: Low of 38° and a high of 52°. Partly cloudy with 16 to 25 mph winds..

GENERAL COMMENTS:

Conducted administration work such as: Participated in the project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 658
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Dec 2018 - Friday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 4,926,413
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	44 °F / 52 °F	10	26

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	13	30		EFFECTIVE WORKING TIME:			
AFT		13	30	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			2,889	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			100	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS

LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
CESSATION:	00:00	00:00	0.0
COLLISIONS:	00:00	00:00	0.0
TOTALS:	00:00	00:00	0.0
TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 658
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 21 Dec 2018 - Friday	

GENERAL COMMENTS

The Ellis Island remained docked at V Halter in Pacgoula. The Jessie repairs are expected to be completed on Saturday 12/22, weather dependent.

464 loads pumped on Ship Island to date: 4,926,413 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

35 loads dug in OCS East Borrow Area to date: 385,378 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Crew discussed working from heights.

JSA DISCUSSIONS:

Welding; Housekeeping, Sweeping and Mopping; Working from heights.

BEHAVIORAL OBSERVATIONS:

Observed welder conducting hot work activities over head. Welder was wearing the proper PPE for welding and Fall Protection.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly Sunny with 16 to 25 mph winds. Low of 39° and a high of 53°.

Tomorrow: Mostly Sunny. Low of 53° and a high of 59°.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 658
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Dec 2018 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,793,790
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM	

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	44 °F / 52 °F	10	26

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			750	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
				LOSS DUE TO NATURAL ELEMENTS:			
				00:00 00:00 0.0			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				00:00 00:00 0.0			
				MINOR OPERATING REPAIRS:			
				00:00 00:00 0.0			
				TRANSFERRING BETWEEN WORKS:			
				00:00 00:00 0.0			
				LAY TIME:			
				00:00 00:00 0.0			
				FIRE AND BOAT DRILLS:			
				00:00 00:00 0.0			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
				TOTALS:			
				00:00	24:00	0.0	
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			
				00:00	00:00	0.0	
				CESSATION:			
				00:00	00:00	0.0	
				COLLISIONS:			
				00:00	00:00	0.0	
				TOTALS:			
				00:00	00:00	0.0	
				TOTAL TIME/MILES:			
				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 658
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 21 Dec 2018 - Friday

GENERAL COMMENTS

The Liberty Island spent the day at the Port of Gulfport for fuel. There is a leak on the booster Jessie being repaired.

579 loads pumped on Ship Island to date: 2,793,790 CY

579 loads dug in Horn Island Pass Borrow Area to date: 2,793,790 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Crew discussed working from heights.

JSA DISCUSSIONS:

Welding; Housekeeping, Sweeping and Mopping; Working from heights.

BEHAVIORAL OBSERVATIONS:

Observed welder conducting hot work activities over head. Welder was wearing the proper PPE for welding and Fall Protection.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly Sunny with 16 to 25 mph winds. Low of 39° and a high of 53°.

Tomorrow: Mostly Sunny. Low of 53° and a high of 59°.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 659				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 22 Dec 2018 - Saturday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	10,101	4,936,514				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused Non-Critical Delay		37 °F / 60 °F		10		10				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:22	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	05:19	0.0	
		1		CONNECTING:				00:00	00:08	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	02:57	0.0	
		0		DISCONNECTING:				00:00	00:06	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	02:31	0.0	
		10,455		TOTALS:				00:00	13:23	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	02:22	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	01:43	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
1	10,101	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	06:30	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	00:02	0.0	
				TOTALS:				00:00	10:37	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 659
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 22 Dec 2018 - Saturday

GENERAL COMMENTS

The Ellis broke dock at 0630 and sailed back to the OCS East borrow area where digging resumed at 0852. The Ellis is currently using the Liberty's cube at the pumpout while repairs are being made to the Ellis cube riser system.

1 load pumped on Ship Island today: 10,101 CY

465 loads pumped on Ship Island to date: 4,936,514 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

36 loads dug in OCS East Borrow Area to date: 395,479 CY

Three Delays Today:

532min - At dock in Pascagoula and sailing to OCS East

103min - Pickup line over subline due to wind

2min - Booster Jessie switching out of bypass

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed operational tasks.

JSA DISCUSSIONS:

Diving Operations

BEHAVIORAL OBSERVATIONS:

Observed JSA brief from the contracted divers. Divers followed all safety procedures and communicated well with GLDD personnel.

Observed GLDD personnel assisting divers as they operated together to get the task completed.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly Sunny. Low of 54° and a high of 62°.

Tomorrow: 40% chance of rain. Low of 47° and a high of 67°.

GENERAL COMMENTS:

Conducted PS inspection on the Ohio River and the Miss Niz.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1207 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 659
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 22 Dec 2018 - Saturday

GENERAL COMMENTS

The Liberty Island left the Port of Gulfport at 1255 and resumed digging at 1610.

1 load pumped on Ship Island today: 4,785 CY

580 loads pumped on Ship Island to date: 2,798,575 CY

580 loads dug in Horn Island Pass Borrow Area to date: 2,798,575 CY

Two Delays Today:

625min - Fueling at dock

343min - Sailing back to borrow area after fueling

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed operational tasks.

JSA DISCUSSIONS:

Diving Operations

BEHAVIORAL OBSERVATIONS:

Observed JSA brief from the contracted divers. Divers followed all safety procedures and communicated well with GLDD personnel.

Observed GLDD personnel assisting divers as they operated together to get the task completed.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly Sunny. Low of 54° and a high of 62°.

Tomorrow: 40% chance of rain. Low of 47° and a high of 67°.

GENERAL COMMENTS:

Conducted PS inspection on the Ohio River and the Miss Niz.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 660
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 23 Dec 2018 - Sunday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 18,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,817,480
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	56 °F / 68 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	03:36	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:47	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:59	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:41	0.0
			1	DUMPING:	00:00	03:59	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:42	0.0
			0	TO CUT:	00:00	06:02	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:46	0.0
			4,310	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,290	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	18,905	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:14	0.0
				TOTALS:	00:00	00:14	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 660
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 23 Dec 2018 - Sunday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 18,905 CY

584 loads pumped on Ship Island to date: 2,817,480 CY

584 loads dug in Horn Island Pass Borrow Area to date: 2,817,480 CY

One Delay Today:

14min - Line wrapped around probe

SAFETY

PRE-SHIFT MEETING:

Mackie - Mate discussed operational safety. Captain discussed Mackie's time line, weather, securing hatches, ESF/Good Catch/Near Miss, Holiday focus.

JSA DISCUSSIONS:

Using the incinerator; Personnel transfer; Housekeeping/sanitary; Connecting/disconnecting to the cube; Inspecting/cleaning drag heads.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting fire and boat drills on the Mackie. Crew trained in a safe and timely manner ensuring that all steps of the process were done correctly.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly cloudy. Low of 47° and a high of 65°.

Tomorrow: Partly cloudy. Low of 53° and a high of 60°.

GENERAL COMMENTS:

Conducted LOTO inspection on the Liberty. Minor deficiencies note and entered into Predictive Solutions.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 660				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 23 Dec 2018 - Sunday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	18,831	4,955,345				
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
GAGE LOCATION		Pascagoula Range Marker									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		55 °F / 71 °F		10		10				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:39	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	04:21	0.0	
		1		CONNECTING:				00:00	00:26	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	05:53	0.0	
		0		DISCONNECTING:				00:00	00:23	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	05:01	0.0	
		9,000		TOTALS:				00:00	18:43	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	01:03	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
2	18,831	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	00:28	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	03:46	0.0	
				TOTALS:				00:00	05:17	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 660
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 23 Dec 2018 - Sunday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 18,831 CY

467 loads pumped on Ship Island to date: 4,955,345 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

38 loads dug in OCS East Borrow Area to date: 414,310 CY

Four Delays Today:

226min - Wait on Liberty Island (Two delays)

63min - Pickup line over subline

28min - STBD Main Engine shutdown during pumpout

SAFETY

PRE-SHIFT MEETING:

Mackie - Mate discussed operational safety. Captain discussed Mackie's time line, weather, securing hatches, ESF/Good Catch/Near Miss, Holiday focus.

JSA DISCUSSIONS:

Using the incinerator; Personnel transfer; Housekeeping/sanitary; Connecting/disconnecting to the cube; Inspecting/cleaning drag heads.

BEHAVIORAL OBSERVATIONS:

Observed crew conducting fire and boat drills on the Mackie. Crew trained in a safe and timely manner ensuring that all steps of the process were done correctly.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly cloudy. Low of 47° and a high of 65°.

Tomorrow: Partly cloudy. Low of 53° and a high of 60°.

GENERAL COMMENTS:

Conducted LOTO inspection on the Liberty. Minor deficiencies note and entered into Predictive Solutions.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1212 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 661		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 24 Dec 2018 - Monday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East	OCS East		Ship Island	19,494	4,974,839				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>			
	DENSITY OF WATER			<u>1025</u>			GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88	
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			46 °F / 62 °F		10		7		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13		30					
AFT			13		30		EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	02:44	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING					TO DUMP:		00:00	05:41	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING					CONNECTING:		00:00	00:19	0.0	
GALLONS OF FUEL OIL CONSUMED					DUMPING:		00:00	05:42	0.0	
GALLONS OF WATER CONSUMED					DISCONNECTING:		00:00	00:20	0.0	
					TO CUT:		00:00	05:14	0.0	
					TOTALS:		00:00	20:00	0.0	
					NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
2	19,494	Ship Island	0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	00:40	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	03:20	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	04:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 661
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 24 Dec 2018 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,494 CY

469 loads pumped on Ship Island to date: 4,974,839 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

40 loads dug in OCS East Borrow Area to date: 433,804 CY

Six Delays Today:

200min - Wait on Liberty Island (Three delays)

32min - Trunnion hoist not responding

5min - Dredge pump not clutching in

3min - Main engine not clutching in

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed rough seas, MOB and daily operations. Stretch and flex was conducted at the conclusion of Pre-shift.

JSA DISCUSSIONS:

Crane lifts; Housekeeping; Hot work; Blowing up sublimes; Transferring

BEHAVIORAL OBSERVATIONS:

Observed Bull Gang working at the booster conducting crane lifts, housekeeping, maintenance on sublimes and hot work activities. Crew was observing safety policies and working to maintain housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Partly sunny. Low of 49° and a high of 61°.

Tomorrow: Mostly cloudy. Low of 56° and a high of 64°.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1214 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 661			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 24 Dec 2018 - Monday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,141	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,836,621		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
				GAGE LOCATION		Pascagoula Range Marker				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			46 °F / 62 °F		10		7		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	03:44	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:31	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	07:48	0.0	
			1		CONNECTING:		00:00	00:50	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	04:08	0.0	
			0		DISCONNECTING:		00:00	00:50	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	06:09	0.0	
			8,138		TOTALS:		00:00	24:00	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,410		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
4	19,141	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 661
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 24 Dec 2018 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,141 CY

588 loads pumped on Ship Island to date: 2,836,621 CY

588 loads dug in Horn Island Pass Borrow Area to date: 2,836,621 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Deck Captain discussed rough seas, MOB and daily operations. Stretch and flex was conducted at the conclusion of Pre-shift.

JSA DISCUSSIONS:

Crane lifts; Housekeeping; Hot work; Blowing up sublimes; Transferring

BEHAVIORAL OBSERVATIONS:

Observed Bull Gang working at the booster conducting crane lifts, housekeeping, maintenance on sublimes and hot work activities. Crew was observing safety policies and working to maintain housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Partly sunny. Low of 49° and a high of 61°.

Tomorrow: Mostly cloudy. Low of 56° and a high of 64°.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1216 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 662			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 Dec 2018 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
	OCS East		OCS East		Ship Island	19,447	4,994,286			
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			45 °F / 66 °F		10		7		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	03:17	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	05:05	0.0		
				1	CONNECTING:	00:00	00:17	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	04:46	0.0		
				0	DISCONNECTING:	00:00	00:22	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	05:00	0.0		
				10,000	TOTALS:	00:00	18:47	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
2	19,447	Ship Island	0		MINOR OPERATING REPAIRS:	00:00	01:42	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	03:31	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	05:13	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 662
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 25 Dec 2018 - Tuesday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,447 CY

471 loads pumped on Ship Island to date: 4,994,286 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

42 loads dug in OCS East Borrow Area to date: 453,251 CY

Five Delays Today:

211min - Wait on Liberty Island (Three delays)

62min - Bottom dump clear lines

40min - Clear collection valve

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly cloudy. Low of 54° and a high of 65°.

Tomorrow: Mostly cloudy with a 50% chance of rain. Low of 61° and a high of 66°.

GENERAL COMMENTS:

Performed a walk around inspection of the lay down yard. No deficiencies noted.

Managed project paperwork: scanned and saved project documents to drop box.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 662			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 25 Dec 2018 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 19,239	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,855,860		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
				GAGE LOCATION		Pascagoula Range Marker				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			45 °F / 66 °F		10		7		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>						PUMPING:		00:00	03:44	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						TURNING:		00:00	00:28	0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:		00:00	06:59	0.0
				1	CONNECTING:		00:00	00:45	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:		00:00	04:43	0.0
				0	DISCONNECTING:		00:00	00:55	0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:		00:00	06:26	0.0
				8,631	TOTALS:		00:00	24:00	0.0	
GALLONS OF WATER CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:				
				2,000	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
4	19,239	Ship Island	0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0
						LAY TIME:		00:00	00:00	0.0
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0
						MISCELLANEOUS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0
						CESSATION:		00:00	00:00	0.0
						COLLISIONS:		00:00	00:00	0.0
						TOTALS:		00:00	00:00	0.0
						TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 662
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 25 Dec 2018 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,239 CY

592 loads pumped on Ship Island to date: 2,855,860 CY

592 loads dug in Horn Island Pass Borrow Area to date: 2,855,860 CY

No Delays Today

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly cloudy. Low of 54° and a high of 65°.

Tomorrow: Mostly cloudy with a 50% chance of rain. Low of 61° and a high of 66°.

GENERAL COMMENTS:

Performed a walk around inspection of the lay down yard. No deficiencies noted.

Managed project paperwork: scanned and saved project documents to drop box.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1220 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 663			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Dec 2018 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,200	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,875,060			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Non-Critical Delay			55 °F / 68 °F		8		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:		00:00	03:55	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:		00:00	00:37	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	06:37	0.0	
			1		CONNECTING:		00:00	00:44	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	04:24	0.0	
			0		DISCONNECTING:		00:00	00:51	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	06:20	0.0	
			8,837		TOTALS:		00:00	23:28	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			2,500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:10	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
4	19,200	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	00:00	0.0
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:22	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	00:32	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 663
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 26 Dec 2018 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

4 loads pumped on Ship Island today: 19,200 CY

596 loads pumped on Ship Island to date: 2,875,060 CY

596 loads dug in Horn Island Pass Borrow Area to date: 2,875,060 CY

Two Delays Today:

22min - Crane lift from crew boat

10min - Ballast down due to rough seas

SAFETY

PRE-SHIFT MEETING:

Deck discussed Housekeeping and changing out AB wires in addition to the safety discussion. Stretch and Flex was conducted.

JSA DISCUSSIONS:

Housekeeping, Changing wire on anchor barge; Vessel Transfers; Crane lift; Operating heavy equipment and forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew changing out AB wires and conducting housekeeping tasks throughout the yard. Crews worked smartly while conducting their tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly cloudy, 30% chance of rain. Low of 61° and a high of 66°.

Tomorrow: Cloudy with a 80% chance of rain and thunder storms. Low of 65° and a high of 68°.

GENERAL COMMENTS:

Conducted JSA Audit. Managed project paperwork: scanned and saved project documents to drop box. Entered weekly inspections into NS5. Participated in the Project Weekly Meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 663			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 26 Dec 2018 - Wednesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 19,210	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,013,496			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Non-Critical Delay			55 °F / 69 °F		10		21		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	02:11	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:23	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	02:38	0.0	
			1		CONNECTING:		00:00	00:21	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	05:24	0.0	
			0		DISCONNECTING:		00:00	00:21	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	05:06	0.0	
			8,000		TOTALS:		00:00	16:24	0.0	
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			500		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0	
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	05:45	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0
2	19,210	Ship Island		0		MINOR OPERATING REPAIRS:		00:00	00:30	0.0
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
					MISCELLANEOUS:		00:00	01:21	0.0	
					TOTALS:		00:00	07:36	0.0	
ATTENDANT PLANT					LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 663
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 26 Dec 2018 - Wednesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,210 CY

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

Four Delays Today:

345min - Crew change in calmer seas

51min - Testing new Ellis cube setup

30min - Wait on Liberty Island

30min - Slow bell for STBD main engine sensor alarm

SAFETY

PRE-SHIFT MEETING:

Deck discussed Housekeeping and changing out AB wires in addition to the safety discussion. Stretch and Flex was conducted.

JSA DISCUSSIONS:

Housekeeping, Changing wire on anchor barge; Vessel Transfers; Crane lift; Operating heavy equipment and forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew changing out AB wires and conducting housekeeping tasks throughout the yard. Crews worked smartly while conducting their tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly cloudy, 30% chance of rain. Low of 61° and a high of 66°.

Tomorrow: Cloudy with a 80% chance of rain and thunder storms. Low of 65° and a high of 68°.

GENERAL COMMENTS:

Conducted JSA Audit. Managed project paperwork: scanned and saved project documents to drop box. Entered weekly inspections into NS5. Participated in the Project Weekly Meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I		CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 664					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 27 Dec 2018 - Thursday					
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
	HIP 3	HIP 3		Ship Island	8,312	2,883,372					
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>							
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused Critical Delay		60 °F / 69 °F		8		20				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11			27					
AFT			11			27	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	01:44	0.0			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:20	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	02:11	0.0			
			1		CONNECTING:	00:00	00:09	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	01:17	0.0			
			0		DISCONNECTING:	00:00	00:11	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	03:36	0.0			
			7,006		TOTALS:	00:00	09:28	0.0			
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:						
			2,500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0			
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	14:22	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
2	8,312	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:10	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	14:32	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 664
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 27 Dec 2018 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island.

2 loads pumped on Ship Island today: 8,312 CY

598 loads pumped on Ship Island to date: 2,883,372 CY

598 loads dug in Horn Island Pass Borrow Area to date: 2,883,372 CY

Three Delays Today:

735min - Standby for rough seas

127min - Sailed for shelter behind island for crew change due to rough seas

10min - Wait on Wadmaw

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed foul weather with windy conditions and moving barges along with daily operations. Stretch and Flex was conducted.

JSA DISCUSSIONS:

Housekeeping, Hot work; Changing wire on anchor barge; Vessel Transfers; Crane lift; Operating heavy equipment and forklift.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 80% chance of rain and thunder storms. Low of 65° and a high of 68°. Wind Speed 15mph with gusts to 31mph.

Tomorrow: Cloudy with a 70% chance of rain and thunder storms. Low of 57° and a high of 70°.

GENERAL COMMENTS:

Rainy and windy...

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 664				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 27 Dec 2018 - Thursday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	0	5,013,496				
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
GAGE LOCATION		Pascagoula Range Marker									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused Critical Delay		60 °F / 69 °F		8		20				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN				1			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN				0			
GALLONS OF FUEL OIL CONSUMED				GAL				5,000			
GALLONS OF WATER CONSUMED				GAL				500			
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING			AGITATING	TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:				00:00	24:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:				00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	00:00	0.0	
				TOTALS:				00:00	24:00	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 664
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 27 Dec 2018 - Thursday

GENERAL COMMENTS

The Ellis dug a load out of OCS East yesterday morning and was on standby all day near the cube waiting for the seas to calm down so that they could pump out the load. It was later determined to dump the load back into the borrow area and head to dock.

No load completed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

One Delay Today:

1440min - On standby due to weather

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed foul weather with windy conditions and moving barges along with daily operations. Stretch and Flex was conducted.

JSA DISCUSSIONS:

Housekeeping, Hot work; Changing wire on anchor barge; Vessel Transfers; Crane lift; Operating heavy equipment and forklift.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 80% chance of rain and thunder storms. Low of 65° and a high of 68°. Wind Speed 15mph with gusts to 31mph.

Tomorrow: Cloudy with a 70% chance of rain and thunder storms. Low of 57° and a high of 70°.

GENERAL COMMENTS:

Rainy and windy...

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 665
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 28 Dec 2018 - Friday

GENERAL COMMENTS

The Ellis remained down at dock at VT Marine all day for Booster Wadmalaw pump job/repairs.

No loads competed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed daily operations and wet weather.

JSA DISCUSSIONS:

Housekeeping, Hot work; Vessel Transfers; Crane lift; Operating heavy equipment and forklift

BEHAVIORAL OBSERVATIONS:

Observed crew conducting housekeeping tasks.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 70% chance of rain. Low of 66° and a high of 71°.

Tomorrow: Cloudy with a 70% chance of rain and thunder storms. Low of 57° and a high of 61°.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 665
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 28 Dec 2018 - Friday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island. The Liberty went down at 1320, the dredge went down for Booster Wadmalaw pump job and remained down the rest of the day.

2 loads pumped on Ship Island today: 8,332 CY

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

Three Delays Today:

- 640min - Booster Wadmalaw pump job
- 106min - Fill site line flush (two delays)
- 10min - Replace sensor on main engine

SAFETY

PRE-SHIFT MEETING:
Deck Captain discussed daily operations and wet weather.

JSA DISCUSSIONS:
Housekeeping, Hot work; Vessel Transfers; Crane lift; Operating heavy equipment and forklift

BEHAVIORAL OBSERVATIONS:
Observed crew conducting housekeeping tasks.

SITE CONDITIONS & HOUSEKEEPING:
Today: Cloudy with a 70% chance of rain. Low of 66° and a high of 71°.
Tomorrow: Cloudy with a 70% chance of rain and thunder storms. Low of 57° and a high of 61°.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 666					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Dec 2018 - Saturday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island		0	5,013,496				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
				GAGE LOCATION		Pascagoula Range Marker						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			60 °F / 69 °F		6		30				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	24:00	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:00	0.0	
				TOTALS:					00:00	24:00	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 666
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 29 Dec 2018 - Saturday

GENERAL COMMENTS

The Ellis remained down at dock at VT Marine all day for Booster Wadmalaw pump job/repairs.

No loads competed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

SAFETY

PRE-SHIFT MEETING:

Fill Site - Crew discussed daily operations, pinch points, weather conditions and PPE.

JSA DISCUSSIONS:

Fueling equipment; Operating heavy equipment.

BEHAVIORAL OBSERVATIONS:

Boat Operator on the Brook Elizabeth noticed weather and sea conditions turning bad. Operator notified survey crew on the island of his situation. Survey crew loaded the boat and the boat headed in to the mainland. Good call on the boat operator.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 70% chance of rain. Low of 57° and a high of 61°.

Tomorrow: Cloudy with a 50% chance of rain. Low of 65° and a high of 68°.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 666				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 29 Dec 2018 - Saturday				
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,891,704			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS					GMS/LITER <u>1850</u>					
	DENSITY OF WATER			<u>1025</u>		GMS/LITER@ <u>83 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
				GAGE LOCATION		Pascagoula Range Marker					
				GAGE DATUM		NAVD88					
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		60 °F / 68 °F		6		30				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27							
AFT			11	27	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:				00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:				00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:				00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:				00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0	DUMPING:				00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	0	DISCONNECTING:				00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:				00:00	24:00	0.0	
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:				00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:				00:00	24:00	0.0	
				LOST TIME:							
				MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 666
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 29 Dec 2018 - Saturday

GENERAL COMMENTS

The Liberty Island remained docked at VT Marine in Pascagoula for Wadmalaw pump job/repairs.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

SAFETY

PRE-SHIFT MEETING:

Fill Site - Crew discussed daily operations, pinch points, weather conditions and PPE.

JSA DISCUSSIONS:

Fueling equipment; Operating heavy equipment.

BEHAVIORAL OBSERVATIONS:

Boat Operator on the Brook Elizabeth noticed weather and sea conditions turning bad. Operator notified survey crew on the island of his situation. Survey crew loaded the boat and the boat headed in to the mainland. Good call on the boat operator.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 70% chance of rain. Low of 57° and a high of 61°.

Tomorrow: Cloudy with a 50% chance of rain. Low of 65° and a high of 68°.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 667			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Dec 2018 - Sunday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,013,496			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			60 °F / 69 °F		6		30		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:		00:00	00:00	0.0	
			1	CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:		00:00	00:00	0.0	
			0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:		00:00	00:00	0.0	
			0	TOTALS:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0	TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:		00:00	24:00	0.0	
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0	
					LAY TIME:		00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:		00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:		00:00	24:00	0.0	
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0	
					CESSATION:		00:00	00:00	0.0	
					COLLISIONS:		00:00	00:00	0.0	
					TOTALS:		00:00	00:00	0.0	
					TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 667
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 30 Dec 2018 - Sunday

GENERAL COMMENTS

The Ellis remained down at dock at VT Marine all day for Booster Wadmalaw pump job/repairs.

No loads competed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Crew discussed daily operations, crane lift safety and slippery surfaces.

JSA DISCUSSIONS:

Crane Lift; Housekeeping; Changing out the impeller on the Booster Wadmalaw; Operating forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew changing out the impeller on the booster today. Signalman kept constant communication with the crane operator to ensure safety. Crew worked safe while completing the inside work, such as putting on the impeller, front door and tightening bolts.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 50% chance of rain. Low of 65° and a high of 69°.

Tomorrow: Cloudy with a 70% chance of rain. Low of 64° and a high of 72°.

GENERAL COMMENTS:

Conducted a PS inspection. Minor deficiencies noted and taken care of on the spot.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 667			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 30 Dec 2018 - Sunday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,891,704			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS				GMS/LITER <u>1850</u>					
	DENSITY OF WATER				GMS/LITER@ <u>1025</u> <u>83 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			60 °F / 68 °F		6		30		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	00:00	0.0		
				1	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	00:00	0.0		
				0	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	00:00	0.0		
				0	TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				0	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	24:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0		
ITEM	NAME OR NUMBER	H.P.	HOURS		TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 667
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 30 Dec 2018 - Sunday

GENERAL COMMENTS

The Liberty Island remained docked at VT Marine in Pascagoula for Wadmalaw pump job/repairs.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

SAFETY

PRE-SHIFT MEETING:

Bull Gang - Crew discussed daily operations, crane lift safety and slippery surfaces.

JSA DISCUSSIONS:

Crane Lift; Housekeeping; Changing out the impeller on the Booster Wadmalaw; Operating forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew changing out the impeller on the booster today. Signalman kept constant communication with the crane operator to ensure safety. Crew worked safe while completing the inside work, such as putting on the impeller, front door and tightening bolts.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 50% chance of rain. Low of 65° and a high of 69°.

Tomorrow: Cloudy with a 70% chance of rain. Low of 64° and a high of 72°.

GENERAL COMMENTS:

Conducted a PS inspection. Minor deficiencies noted and taken care of on the spot.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 668
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 31 Dec 2018 - Monday

GENERAL COMMENTS

The Liberty Island remained docked at VT Marine in Pascagoula for Wadmalaw pump job/repairs.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily operations and assisting contract crew replace pipe on board.

JSA DISCUSSIONS:

Liberty - Crane Lift; Housekeeping; Operating hand tools; Chipping and grinding
Ellis/Mackie - Crane lift; Housekeeping; Using incinerator.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 70% chance of rain. Low of 64° and a high of 73°.
Tomorrow: Cloudy with a 55% chance of rain. Low of 60° and a high of 70°.

GENERAL COMMENTS:

Scanned paperwork from both ships.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 668		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 31 Dec 2018 - Monday		
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,013,496		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>			
	DENSITY OF WATER				1025		GMS/LITER@ <u>68 °F</u>			
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53		
	MIN	0	TIME	19:18	MAX	0	TIME	23:59		
				GAGE LOCATION		Pascagoula Range Marker				
				GAGE DATUM		NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			60 °F / 69 °F		6		30		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			13			30				
AFT			13			30				
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					PUMPING:					
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		1	TURNING:				
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		0	TO DUMP:				
GALLONS OF FUEL OIL CONSUMED			GAL		0	CONNECTING:				
GALLONS OF WATER CONSUMED			GAL		0	DUMPING:				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:					
					LOSS DUE TO NATURAL ELEMENTS:					
					LOSS DUE TO TRAFFIC AND BRIDGES:					
					MINOR OPERATING REPAIRS:					
					TRANSFERRING BETWEEN WORKS:					
					LAY TIME:					
					FIRE AND BOAT DRILLS:					
ATTENDANT PLANT					MISCELLANEOUS:					
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:					
					00:00 24:00 0.0					
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:					
					CESSATION:					
					COLLISIONS:					
					TOTALS:					
					00:00 24:00 0.0					
					TOTAL TIME/MILES:					
					00:00 24:00 0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 668
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 31 Dec 2018 - Monday

GENERAL COMMENTS

The Ellis remained down at dock at VT Marine all day for Booster Wadmalaw pump job/repairs.

No loads competed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

SAFETY

PRE-SHIFT MEETING:

Liberty - Mate discussed daily operations and assisting contract crew replace pipe on board.

JSA DISCUSSIONS:

Liberty - Crane Lift; Housekeeping; Operating hand tools; Chipping and grinding

Ellis/Mackie - Crane lift; Housekeeping; Using incinerator.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 70% chance of rain. Low of 64° and a high of 73°.

Tomorrow: Cloudy with a 55% chance of rain. Low of 60° and a high of 70°.

GENERAL COMMENTS:

Scanned paperwork from both ships.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 669			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Jan 2019 - Tuesday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,013,496			
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			60 °F / 69 °F		6		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	13:30	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	10:30	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 669
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 01 Jan 2019 - Tuesday

GENERAL COMMENTS

The Ellis remained at VT Marine in Pascagoula all day waiting for the booster Wadmalaw repairs to be completed and to be pput back in line. The booster was put back in line, but the Ellis was unable to break dock due to thick fog in the area which closed the port.

No loads competed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

Two Delays Today:

810min - Port of Pascagoula closed due to fog

630min - Booster Wadmalaw pump job

SAFETY

PRE-SHIFT MEETING:

Derreck - Discussed daily operations and housekeeping.

JSA DISCUSSIONS:

Housekeeping; Operating hand tools; Hot work; Operating heavy equipment and forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew moving material around using the forklift. Crew used hand and radio communications. Crew worked safely.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 50% chance of rain. Low of 62° and a high of 71°.

Tomorrow: Cloudy with a 60% chance of rain. Low of 59° and a high of 70°.

GENERAL COMMENTS:

Conducted AED inspection

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 669			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 01 Jan 2019 - Tuesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,891,704		
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused Critical Delay			60 °F / 68 °F		6		30		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	00:00	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			0		TOTALS:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	15:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
					LAY TIME:	00:00	00:00	0.0		
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ATTENDANT PLANT					MISCELLANEOUS:	00:00	09:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	24:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 669
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 01 Jan 2019 - Tuesday	

GENERAL COMMENTS

The Liberty remained at VT Marine in Pascagoula all day waiting for the booster Wadmalaw repairs to be completed and to be pput back in line. The booster was put back in line, but the Liberty was unable to break dock due to thick fog in the area which closed the port.

No loads completed today.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

Two Delays Today:

900min - Port of Pascagoula closed due to fog

540min - Booster Wadmalaw pump job

SAFETY

PRE-SHIFT MEETING:

Derreck - Discussed daily operations and housekeeping.

JSA DISCUSSIONS:

Housekeeping; Operating hand tools; Hot work; Operating heavy equipment and forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew moving material around using the forklift. Crew used hand and radio communications. Crew worked safely.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 50% chance of rain. Low of 62° and a high of 71°.

Tomorrow: Cloudy with a 60% chance of rain. Low of 59° and a high of 70°.

GENERAL COMMENTS:

Conducted AED inspection

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 670
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 02 Jan 2019 - Wednesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,891,704
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	<u>1025</u>	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused Critical Delay	60 °F / 68 °F	6	30

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27				

AFT	11	27	EFFECTIVE WORKING TIME:			
			PUMPING:	00:00	00:00	0.0

DRAG DEPTH	MAX	<u>35</u>	MIN	<u>35</u>	TURNING:	00:00	00:00	0.0
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INDICATORS LAST CHECKED ON	<u>05/14/2018</u>	TO DUMP:	00:00	00:00	0.0
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AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		DISCONNECTING:	00:00	00:00	0.0
		1		TO CUT:	00:00	00:00	0.0

AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		TOTALS:	00:00	00:00	0.0
		0					

GALLONS OF FUEL OIL CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:			
		0		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0

GALLONS OF WATER CONSUMED		GAL		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		0					

WORK PERFORMED							
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DREDGING AND HAULING				AGITATING			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				

				LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0
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				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
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				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
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				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
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				LAY TIME:	00:00	00:00	0.0
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				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
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				MISCELLANEOUS:	00:00	00:00	0.0
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				TOTALS:	00:00	24:00	0.0
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LOST TIME:							
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				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
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				CESSATION:	00:00	00:00	0.0
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				COLLISIONS:	00:00	00:00	0.0
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QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 670
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 02 Jan 2019 - Wednesday

GENERAL COMMENTS

The Liberty remained at VT Marine in Pascagoula all day due to the channel being down due to heavy fog.

No loads completed today.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

SAFETY

PRE-SHIFT MEETING:

Derreck - Discussed daily operations and housekeeping.

JSA DISCUSSIONS:

Crane lift; Housekeeping; Operating hand tools; Hot work; Operating heavy equipment and forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together while repairing the air compressor barge. Crew maintained safety throughout the task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 40% chance of rain. Low of 60° and a high of 68°.

Tomorrow: Cloudy with a 60% chance of rain. Low of 51° and a high of 66°.

GENERAL COMMENTS:

Conducted AED inspections on the Emma Kate and Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1250 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 670							
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 02 Jan 2019 - Wednesday							
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY									
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
		17	2		2	7								
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
	OCS East		OCS East		Ship Island	0	5,013,496							
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>										
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>										
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused Critical Delay			60 °F / 69 °F		6		10						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			13			30								
AFT			13			30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:						00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:						00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN	TO DUMP:						00:00	00:00	0.0
					1	CONNECTING:						00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN	DUMPING:						00:00	00:00	0.0
					0	DISCONNECTING:						00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED					GAL	TO CUT:						00:00	00:00	0.0
					0	TOTALS:						00:00	00:00	0.0
GALLONS OF WATER CONSUMED					GAL	NON-EFFECTIVE WORKING TIME:								
					0	TAKING ON FUEL AND SUPPLIES:						00:00	00:00	0.0
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:						00:00	00:00	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:						00:00	24:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:						00:00	00:00	0.0
						MINOR OPERATING REPAIRS:						00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS:						00:00	00:00	0.0
						LAY TIME:						00:00	00:00	0.0
						FIRE AND BOAT DRILLS:						00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:						00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:						00:00	24:00	0.0
						LOST TIME:								
						MAJOR REPAIRS AND ALTERATIONS:						00:00	00:00	0.0
						CESSATION:						00:00	00:00	0.0
						COLLISIONS:						00:00	00:00	0.0
						TOTALS:						00:00	00:00	0.0
						TOTAL TIME/MILES:						00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 670
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 02 Jan 2019 - Wednesday

GENERAL COMMENTS

The Ellis remained at VT Marine in Pascagoula all day due to the channel being closed due to heavy fog.

No loads competed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

SAFETY

PRE-SHIFT MEETING:

Derreck - Discussed daily operations and housekeeping.

JSA DISCUSSIONS:

Crane lift; Housekeeping; Operating hand tools; Hot work; Operating heavy equipment and forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together while repairing the air compressor barge. Crew maintained safety throughout the task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Cloudy with a 40% chance of rain. Low of 60° and a high of 68°.

Tomorrow: Cloudy with a 60% chance of rain. Low of 51° and a high of 66°.

GENERAL COMMENTS:

Conducted AED inspections on the Emma Kate and Ohio River.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 671		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Jan 2019 - Thursday		
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY				
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		17	2		2	7			
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,891,704	
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM				
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1850</u>		
	DENSITY OF WATER				1025		GMS/LITER@ <u>83 °F</u>		
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay		TEMP (min / max) 55 °F / 69 °F		VISIBILITY 5		WIND 20	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
			11	27	EFFECTIVE WORKING TIME:				
AFT			11	27	PUMPING:	00:00	00:56	0.0	
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					TURNING:	00:00	00:06	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TO DUMP:	00:00	01:43	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		CONNECTING:	00:00	00:09	0.0	
			1		DUMPING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DISCONNECTING:	00:00	00:00	0.0	
			0		TO CUT:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL		TOTALS:	00:00	02:54	0.0	
			2,718		NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			1,000		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED					LOSS DUE TO NATURAL ELEMENTS:	00:00	09:41	0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		MINOR OPERATING REPAIRS:	00:00	11:25	0.0
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
						LAY TIME:	00:00	00:00	0.0
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	21:06	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 671
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 03 Jan 2019 - Thursday

GENERAL COMMENTS

The Liberty began the day docked at VT Marine in Pascagoula due to fog. The dredge left dock at 0800 and resumed digging at 0940. A leak was discovered on the Booster Jessie when the Liberty attempted to pump out its first load after resuming operations. Was down for the remainder of the day.

No loads completed today.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

Two Delays Today:

685min - Leak on Booster Jessie

581min - Delay due to heavy fog

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Rain and thunderstorms. Low of 47° and a high of 65°.

Tomorrow: Low of 43° and a high of 56°. Windy with a 5% chance of rain.

GENERAL COMMENTS:

SSHO attended monthly safety conference call. Also attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 671					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 03 Jan 2019 - Thursday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island		0	5,013,496				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
	GAGE LOCATION			Pascagoula Range Marker								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused Critical Delay		55 °F / 69 °F		8		13					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	2,670	DUMPING:					00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL	100	DISCONNECTING:					00:00	00:00	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	19:40	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	03:23	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:57	0.0	
				TOTALS:					00:00	24:00	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 671
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 03 Jan 2019 - Thursday

GENERAL COMMENTS

The Ellis began the day docked at VT Marine in Pascagoula due to heavy fog. The dredge left VT Marine at 1720 and arrived in the borrow area at 1920. The dredge then went down to repair the draghead winch.

No loads completed today.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

Five Delays Today:

1180min - Dredge down due to heavy fog

188min - Draghead winch repairs

35min - Paint test

22min - Draft check

15min - Troubleshooting STBD dragarm

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Rain and thunderstorms. Low of 47° and a high of 65°.

Tomorrow: Low of 43° and a high of 56°. Windy with a 5% chance of rain.

GENERAL COMMENTS:

SSHO attended monthly safety conference call. Also attended weekly project meeting.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 672			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 04 Jan 2019 - Friday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,013,496		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			48 °F / 65 °F		10		20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	02:21	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	02:10	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	02:30	0.0		
			1		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	00:00	0.0		
			0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	00:00	0.0		
			1,300		TOTALS:	00:00	07:01	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			100		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
						MINOR OPERATING REPAIRS:	00:00	01:17	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	15:42	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	16:59	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 672
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 04 Jan 2019 - Friday	

GENERAL COMMENTS

The Ellis resumed operations in OCS East at 0005. No loads completed today due to leak on the Booster Jessie.

473 loads pumped on Ship Island to date: 5,013,496 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

44 loads dug in OCS East Borrow Area to date: 472,461 CY

Four Delays Today:

900min - Light load sail to pumpout on Liberty cube and return to borrow area to top off load for Ellis cube pumpout

77min - Subline repair

42min - Paint test (Two delays)

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/Flex exercises conducted followed by S.H.A.K.E.

JSA DISCUSSIONS:

Mobro 1706: fueling equipment, vessel transfers, crane lifting, operating heavy equipment with a forklift, welding, greasing the crane

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices while performing multiple crane lifts. Good communication/hand signals and crews remaining clear of suspended loads. Welders performing hot work in a safe manner wearing all required PPE. Crane Operator using safe work practices while greasing the crane.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and breezy with wind gusts of 25 mph. Low of 47° and a high of 56.

Tomorrow: Low of 46° and a high of 61°. Calm and 0% chance of rain.

GENERAL COMMENTS:

SSHO conducted Shackle training with the bullgang and attached training sheet to MCIA. Conducted JSA audit. Also conducted Predictive Solutions inspection with one issue added to the PS database. SSHO ordered signs to fix the issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 672
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 04 Jan 2019 - Friday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	0	2,891,704
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	48 °F / 65 °F	5	28

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	1,556	DUMPING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	1,000	DISCONNECTING:	00:00	00:00	0.0
WORK PERFORMED				TO CUT:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		TOTALS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:			
				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	24:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 672
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 04 Jan 2019 - Friday

GENERAL COMMENTS

The Liberty Island was down all day waiting for repairs to the Booster Jessie.

No loads completed today.

600 loads pumped on Ship Island to date: 2,891,704 CY

600 loads dug in Horn Island Pass Borrow Area to date: 2,891,704 CY

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/Flex exercises conducted followed by S.H.A.K.E.

JSA DISCUSSIONS:

Mobro 1706: fueling equipment, vessel transfers, crane lifting, operating heavy equipment with a forklift, welding, greasing the crane

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices while performing multiple crane lifts. Good communication/hand signals and crews remaining clear of suspended loads. Welders performing hot work in a safe manner wearing all required PPE. Crane Operator using safe work practices while greasing the crane.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and breezy with wind gusts of 25 mph. Low of 47° and a high of 56.

Tomorrow: Low of 46° and a high of 61°. Calm and 0% chance of rain.

GENERAL COMMENTS:

SSHO conducted Shackle training with the bullgang and attached training sheet to MCIA. Conducted JSA audit. Also conducted Predictive Solutions inspection with one issue added to the PS database. SSHO ordered signs to fix the issue.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 673
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 05 Jan 2019 - Saturday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	9,393	2,901,097
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	43 °F / 62 °F	5	18

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27					
AFT				EFFECTIVE WORKING TIME:			
	11	27		PUMPING:	00:00	01:46	0.0
				TURNING:	00:00	00:16	0.0
				TO DUMP:	00:00	01:46	0.0
				CONNECTING:	00:00	00:19	0.0
				DUMPING:	00:00	02:02	0.0
				DISCONNECTING:	00:00	00:21	0.0
				TO CUT:	00:00	02:48	0.0
				TOTALS:	00:00	09:18	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				NON-EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	4,574	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL	700	MINOR OPERATING REPAIRS:	00:00	08:30	0.0

WORK PERFORMED				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LAY TIME:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
2	9,393	Ship Island	0	MISCELLANEOUS:	00:00	06:12	0.0
				TOTALS:	00:00	14:42	0.0

ATTENDANT PLANT				LOST TIME:			
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 673
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 05 Jan 2019 - Saturday

GENERAL COMMENTS

The Liberty Island began the day down for repairs to the Booster Jessie. The repairs were completed and the dredge resumed operations. Digging HIP 3 and pumping onto Ship Island.

2 loads pumped onto Ship Island today: 9,393 CY

602 loads pumped on Ship Island to date: 2,901,097 CY

602 loads dug in Horn Island Pass Borrow Area to date: 2,901,097 CY

Three Delays Today:

510min - Leak on Booster Jessie

283min - Wait on Ellis Island

89min - No velocity

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Engineer discussed job tasks for the day. Also discussed SALT book topic "hand tools".

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary, put on/remove engine stack covers, greasing equipment

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crews working safely and wearing all required PPE while greasing equipment and performing daily housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 42° and a high of 61.

Tomorrow: Low of 43° and a high of 64°. Calm and 0% chance of rain.

Wadmalaw crews are doing a great job of maintaining their work areas and overall housekeeping.

GENERAL COMMENTS:

SSHO conducted AED monthly inspections on the Booster Jessie and Wadmalaw. Also conducted a safety walk around and Predictive Solutions inspection on the Wadmalaw with no issues discovered. Conducted a PS inspection on the Emma Kate and added 2 open issues to the PS database.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 673			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 05 Jan 2019 - Saturday			
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL OCS East		REACH DREDGED; STA TO STA OCS East		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 9,818	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,023,314		
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>						
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			43 °F / 62 °F		10		10		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
			13	30						
AFT			13	30	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:	00:00	01:18	0.0		
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:	00:00	00:09	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	02:40	0.0		
			1		CONNECTING:	00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	02:55	0.0		
			0		DISCONNECTING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	02:28	0.0		
			6,583		TOTALS:	00:00	10:00	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			49		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
1	9,818	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	09:02	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	04:58	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	14:00	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 673
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 05 Jan 2019 - Saturday

GENERAL COMMENTS

The Ellis began the day down for the repairs to the Booster Jessie. Repairs were completed and the dredge resumed operations. Digging OCS East and pumping on Ship Island.

1 load pumped on Ship Island today: 9,818 CY

474 loads pumped on Ship Island to date: 5,023,314 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

45 loads dug in OCS East Borrow Area to date: 482,279 CY

Eight Delays Today:

534min - Subline repair

121min - Fouled gear in swing circle

99min - Wait on Liberty Island (Two delays)

35min - Booster leak

30min - Flush line

13min - Paint test

8min - Engine warm up

SAFETY

PRE-SHIFT MEETING:

Booster Jessie: Engineer discussed job tasks for the day. Also discussed SALT book topic "hand tools".

JSA DISCUSSIONS:

Wadmalaw: housekeeping/sanitary, put on/remove engine stack covers, greasing equipment

BEHAVIORAL OBSERVATIONS:

Wadmalaw: Crews working safely and wearing all required PPE while greasing equipment and performing daily housekeeping.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 42° and a high of 61.

Tomorrow: Low of 43° and a high of 64°. Calm and 0% chance of rain.

Wadmalaw crews are doing a great job of maintaining their work areas and overall housekeeping.

GENERAL COMMENTS:

SSHO conducted AED monthly inspections on the Booster Jessie and Wadmalaw. Also conducted a safety walk around and Predictive Solutions inspection on the Wadmalaw with no issues discovered. Conducted a PS inspection on the Emma Kate and added 2 open issues to the PS database.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008				CONTRACT TITLE MsCIP Ship Island Phase I				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 674	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06 Jan 2019 - Sunday			
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY		DAYS PER WEEK					
LOCATION OF WORK		LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island		QTY DEPOSITED GROSS(CY) 14,257		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,915,354			
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS _____				GMS/LITER <u>1850</u>							
		DENSITY OF WATER _____				GMS/LITER@ <u>83 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker			
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88			
WEATHER CONDITION		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			43 °F / 67 °F		10		10				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
AFT						EFFECTIVE WORKING TIME:							
						PUMPING:	00:00	02:58	0.0				
DRAG DEPTH	MAX	<u>35</u>	MIN	<u>35</u>	TURNING:	00:00	00:32	0.0					
					TO DUMP:	00:00	06:48	0.0					
INDICATORS LAST CHECKED ON <u>05/14/2018</u>						CONNECTING:	00:00	00:25	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	1	DUMPING:	00:00	02:56	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	DISCONNECTING:	00:00	00:23	0.0				
GALLONS OF FUEL OIL CONSUMED				GAL	7,807	TO CUT:	00:00	04:16	0.0				
GALLONS OF WATER CONSUMED				GAL	1,800	TOTALS:	00:00	18:18	0.0				
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
3	14,257	Ship Island		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0				
						MINOR OPERATING REPAIRS:	00:00	00:00	0.0				
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0				
						LAY TIME:	00:00	00:00	0.0				
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
						MISCELLANEOUS:	00:00	05:42	0.0				
						TOTALS:	00:00	05:42	0.0				
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER			H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0				
						CESSATION:	00:00	00:00	0.0				
						COLLISIONS:	00:00	00:00	0.0				
						TOTALS:	00:00	00:00	0.0				
						TOTAL TIME/MILES:	00:00	24:00	0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 674
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 06 Jan 2019 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

3 loads pumped onto Ship Island today: 14,257 CY

605 loads pumped on Ship Island to date: 2,915,354 CY

605 loads dug in Horn Island Pass Borrow Area to date: 2,915,354 CY

Five Delays Today:

254min - Current pushed pickup line and float hose over buried cube

50min - No velocity

16min - Wait on Ellis Island

11min - Fill site line flush

11min - Wait on booster startup

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 43° and a high of 64.

Tomorrow: Low of 58° and a high of 68°. Calm and 0% chance of rain.

GENERAL COMMENTS:

Conducted a safety walk around at the yard with no issues discovered. Completed inspection of safety items in office. Scanned and saved project documents. Worked on Safety administrative duties. Completed Moxie training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 674
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 06 Jan 2019 - Sunday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

1 load pumped on Ship Island today: 9,960 CY

475 loads pumped on Ship Island to date: 5,033,274 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

46 loads dug in OCS East Borrow Area to date: 492,239 CY

Two Delays Today:

561min - Current pushed pickup line and float hose over buried cube system

113min - Light ship draft calibrations

SAFETY

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 43° and a high of 64.

Tomorrow: Low of 58° and a high of 68°. Calm and 0% chance of rain.

GENERAL COMMENTS:

Conducted a safety walk around at the yard with no issues discovered. Completed inspection of safety items in office. Scanned and saved project documents. Worked on Safety administrative duties. Completed Moxie training.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 675				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07 Jan 2019 - Monday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	19,636	5,052,910				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
	GAGE LOCATION			Pascagoula Range Marker							
	GAGE DATUM			NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		45 °F / 67 °F		10		10				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:31	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:17	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:				00:00	04:53	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:				00:00	00:23	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	8,503	DUMPING:				00:00	05:47	0.0
GALLONS OF WATER CONSUMED			GAL	50	DISCONNECTING:				00:00	00:39	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
2	19,636	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:				00:00	00:09	0.0	
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	03:46	0.0	
				TOTALS:				00:00	03:55	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 675
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 07 Jan 2019 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,636 CY

477 loads pumped on Ship Island to date: 5,052,910 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

48 loads dug in OCS East Borrow Area to date: 511,875 CY

Five Delays Today:

180min - Wait on Liberty Island (Two delays)

46min - Booster Jessie packing pump (Two delays)

9min - Exhaust sensor issues

SAFETY

JSA DISCUSSIONS:

Liberty Island: crew boat personnel transfer, connecting/disconnecting to the cube, inspect and clean out discharge box, using the incinerator, painting.

BEHAVIORAL OBSERVATIONS:

Liberty Island: Crew utilizing safe work practices and wearing all required PPE while connecting/disconnecting to the cube. Good communication by all involved. Observed crew wearing all required PPE while painting.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 58° and a high of 68.

Tomorrow: Low of 49° and a high of 69°. 25% chance of rain.

Liberty Island crew is doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Liberty Island: SSHO conducted safety walk around and Predictive Solutions inspection. One issue added to the PS data base(SSHO ordered supplies to fix). Also conducted monthly AED inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 675
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Jan 2019 - Monday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	19,181	2,934,535
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	45 °F / 67 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:45	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:21	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	06:57	0.0
			1	CONNECTING:	00:00	00:46	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	04:26	0.0
			0	DISCONNECTING:	00:00	00:40	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:49	0.0
			8,503	TOTALS:	00:00	22:44	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			1,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,181	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	01:16	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:16	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 675
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 07 Jan 2019 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

4 loads pumped onto Ship Island today: 19,181 CY

609 loads pumped on Ship Island to date: 2,934,535 CY

609 loads dug in Horn Island Pass Borrow Area to date: 2,934,535 CY

Three Delays Today:

69min - Wait on Ellis Island (Two delays)

7min - Jessie tightening packing

SAFETY

JSA DISCUSSIONS:

Liberty Island: crew boat personnel transfer, connecting/disconnecting to the cube, inspect and clean out discharge box, using the incinerator, painting.

BEHAVIORAL OBSERVATIONS:

Liberty Island: Crew utilizing safe work practices and wearing all required PPE while connecting/disconnecting to the cube. Good communication by all involved. Observed crew wearing all required PPE while painting.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 58° and a high of 68.

Tomorrow: Low of 49° and a high of 69°. 25% chance of rain.

Liberty Island crew is doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

Liberty Island: SSHO conducted safety walk around and Predictive Solutions inspection. One issue added to the PS data base(SSHO ordered supplies to fix). Also conducted monthly AED inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1272 of 1311

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 676
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Jan 2019 - Tuesday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	HIP 3	HIP 3	Ship Island	19,358	2,953,893
	AVG LENGTH OF CUT <u>4,771</u> FT	AVG WIDTH OF CUT <u>1,602</u> FT	AVG DIST TO DUMP <u>35</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	57 °F / 72 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	27				
AFT		11	27	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				PUMPING:	00:00	03:31	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TURNING:	00:00	00:18	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:04	0.0
			1	CONNECTING:	00:00	00:58	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	05:14	0.0
			0	DISCONNECTING:	00:00	00:42	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:43	0.0
			8,208	TOTALS:	00:00	23:30	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,358	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:30	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:30	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 676
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 08 Jan 2019 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

4 loads pumped onto Ship Island today: 19,358 CY

613 loads pumped on Ship Island to date: 2,953,893 CY

613 loads dug in Horn Island Pass Borrow Area to date: 2,953,893 CY

One Delay Today:

30min - Slow bell for heavy crane

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. also discussed SALT book topics "Material storage" and "housekeeping".
Stretch/flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: fueling equipment, moving equipment with forklift, adding/breaking shore pipe, working the light plant, changing the wye valve, building/maintaining dikes

Mobro 1706: vessel transfers, operating heavy equipment/forklift, crane lifting, replacing float hose section, tightening bolts on flanges, hot work

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators utilizing safe work practices while utilizing heavy equipment. Crews observing the safety zone.
Mobro 1706: Crews utilizing safe work practices while performing multiple crane lifts and working on the float hose. Good use of hand signals and crews remaining clear of suspended loads. Welding conducting hot work wearing all required PPE and had his Hot Work permit filled out.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 49° and a high of 69.
Tomorrow: Low of 38° and a high of 60°.
Fill Site crew is doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted monthly AED inspection at the fill site. Uploaded Ohio River weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 676
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 08 Jan 2019 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,919 CY

479 loads pumped on Ship Island to date: 5,072,829 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

50 loads dug in OCS East Borrow Area to date: 531,794 CY

Five Delays Today:

108min - STBD tunnel main line hydraulic leak

79min - Wait on Liberty Island

65min - Main engine repairs (Two delays)

45min - Clogged discharge valve

SAFETY

PRE-SHIFT MEETING:

Fill Site: Foreman discussed job tasks for the day. also discussed SALT book topics "Material storage" and "housekeeping".

Stretch/flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Fill Site: fueling equipment, moving equipment with forklift, adding/breaking shore pipe, working the light plant, changing the wye valve, building/maintaining dikes

Mobro 1706: vessel transfers, operating heavy equipment/forklift, crane lifting, replacing float hose section, tightening bolts on flanges, hot work

BEHAVIORAL OBSERVATIONS:

Fill Site: Operators utilizing safe work practices while utilizing heavy equipment. Crews observing the safety zone.

Mobro 1706: Crews utilizing safe work practices while performing multiple crane lifts and working on the float hose. Good use of hand signals and crews remaining clear of suspended loads. Welding conducting hot work wearing all required PPE and had his Hot Work permit filled out.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny and cool. Low of 49° and a high of 69.

Tomorrow: Low of 38° and a high of 60°.

Fill Site crew is doing a great job of maintaining housekeeping throughout their respective work areas.

GENERAL COMMENTS:

SSHO conducted monthly AED inspection at the fill site. Uploaded Ohio River weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 677
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 09 Jan 2019 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

3 loads pumped onto Ship Island today: 14,494 CY

616 loads pumped on Ship Island to date: 2,968,387 CY

616 loads dug in Horn Island Pass Borrow Area to date: 2,968,387 CY

Five Delays Today:

160min - Wait on Ellis Island (Two delays)

115min - Replacing aft skimmer sensor

41min - Generator lost power; no jets

9min - Ballast down due to rough seas

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, operating heavy equipment/forklift, crane lifting, housekeeping

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices while performing multiple crane lifts including loading stores and clearing items off the deck. Good use of hand signals and crews remaining clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny, windy and cooler. Low of 38° and a high of 60.

Tomorrow: Low of 38° and a high of 56°.

Mobro crews were conducting housekeeping on the derrick.

GENERAL COMMENTS:

Mobro 1706: SSHO conducted a safety walk around and Predictive Solutions inspection. Some minor issues discovered were fixed on the spot by the crew and one issue added to the PS database(SSHO ordering supplies to fix).

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1278 of 1311

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 677					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 09 Jan 2019 - Wednesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island		29,501	5,102,330				
	AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>								
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
	GAGE LOCATION			Pascagoula Range Marker								
	GAGE DATUM			NAVD88								
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		43 °F / 60 °F		10		18					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
		13		30								
AFT		13		30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	03:53	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:56	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	05:06	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:22	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	10,000	DUMPING:					00:00	05:55	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:18	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
3	29,501	Ship Island	0	LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:24	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:24	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 677
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 09 Jan 2019 - Wednesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

3 loads pumped on Ship Island today: 29,501 CY

482 loads pumped on Ship Island to date: 5,102,330 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

53 loads dug in OCS East Borrow Area to date: 561,295 CY

One Delay Today:

24min - STBD main engine malfunction

SAFETY

PRE-SHIFT MEETING:

Mobro 1706: Deck Captain discussed job tasks for the day. Stretch/flex exercises conducted followed by SHAKE.

JSA DISCUSSIONS:

Mobro 1706: mechanical duties, operating heavy equipment/forklift, crane lifting, housekeeping

BEHAVIORAL OBSERVATIONS:

Mobro 1706: Crews utilizing safe work practices while performing multiple crane lifts including loading stores and clearing items off the deck. Good use of hand signals and crews remaining clear of suspended loads.

SITE CONDITIONS & HOUSEKEEPING:

Today: Sunny, windy and cooler. Low of 38° and a high of 60.

Tomorrow: Low of 38° and a high of 56°.

Mobro crews were conducting housekeeping on the derrick.

GENERAL COMMENTS:

Mobro 1706: SSHO conducted a safety walk around and Predictive Solutions inspection. Some minor issues discovered were fixed on the spot by the crew and one issue added to the PS database(SSHO ordering supplies to fix).

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 678			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 10 Jan 2019 - Thursday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 24,340	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,992,727			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			43 °F / 60 °F		10		18		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	04:23	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:20	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	TO DUMP:	00:00	06:58	0.0		
				1	CONNECTING:	00:00	00:32	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	DUMPING:	00:00	04:26	0.0		
				0	DISCONNECTING:	00:00	00:45	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL	TO CUT:	00:00	06:10	0.0		
				8,447	TOTALS:	00:00	23:34	0.0		
GALLONS OF WATER CONSUMED				GAL	NON-EFFECTIVE WORKING TIME:					
				1,500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
5	24,340	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	00:26	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	00:26	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 678
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 10 Jan 2019 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

5 loads pumped onto Ship Island today: 24,340 CY

621 loads pumped on Ship Island to date: 2,992,727 CY

621 loads dug in Horn Island Pass Borrow Area to date: 2,992,727 CY

One Delay Today:

26min - Dredge crew change

SAFETY

JSA DISCUSSIONS:

Mobro -1706 Welding /Cutting /Burning, Moving Barges, Crane Lifting and Operating Heavy Equipment & Forklift.

BEHAVIORAL OBSERVATIONS:

Mobro-1706 Observed crew working together on the derrick using good communication skill co-worker. All crew members were wearing the proper PPE gear.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 38° and a high of 57.

Tomorrow: Low of 52° and a high of 58°. Some sun, then clouds

Mobro -1706 Great job on maintaining housekeeping.

GENERAL COMMENTS:

Scanned and save ESF document on the thumb drive.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 678
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Jan 2019 - Thursday
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DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>3,828</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	17	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	OCS East	OCS East	Ship Island	20,147	5,122,477
	AVG LENGTH OF CUT <u>1,700</u> FT	AVG WIDTH OF CUT <u>1,800</u> FT	AVG DIST TO DUMP <u>33</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER <u>1870</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>68 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	37 °F / 58 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	13	30					
AFT		13	30	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:	00:00	03:13	0.0
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:	00:00	00:19	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:05	0.0
			1	CONNECTING:	00:00	00:12	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	06:06	0.0
			0	DISCONNECTING:	00:00	00:16	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:11	0.0
			10,000	TOTALS:	00:00	20:22	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			500	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	20,147	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	01:08	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	02:30	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	03:38	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 678
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 10 Jan 2019 - Thursday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 20,147 CY

484 loads pumped on Ship Island to date: 5,122,477 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

55 loads dug in OCS East Borrow Area to date: 581,442 CY

Five Delays Today:

129min - Wait on Liberty Island (Two delays)

60min - Gimbal winch line reset

21min - Supply and technician transfer

8min - Running jets to lessen heel

SAFETY

JSA DISCUSSIONS:

Mobro -1706 Welding /Cutting /Burning, Moving Barges, Crane Lifting and Operating Heavy Equipment & Forklift.

BEHAVIORAL OBSERVATIONS:

Mobro-1706 Observed crew working together on the derrick using good communication skill co-worker. All crew members were wearing the proper PPE gear.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 38° and a high of 57.

Tomorrow: Low of 52° and a high of 58°. Some sun, then clouds

Mobro -1706 Great job on maintaining housekeeping.

GENERAL COMMENTS:

Scanned and save ESF document on the thumb drive.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 679					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Jan 2019 - Friday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island		10,192	5,132,669				
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>								
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>								
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
GAGE LOCATION		Pascagoula Range Marker										
GAGE DATUM		NAVD88										
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND					
	Weather Caused No Delay		37 °F / 58 °F		10		15					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	02:33	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:18	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:					00:00	05:12	0.0	
		1		CONNECTING:					00:00	00:19	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:					00:00	05:48	0.0	
		0		DISCONNECTING:					00:00	00:19	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:					00:00	04:29	0.0	
		10,000		TOTALS:					00:00	18:58	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:								
		500		TAKING ON FUEL AND SUPPLIES:					00:00	04:30	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0
1	10,192	Ship Island	0		MINOR OPERATING REPAIRS:					00:00	00:32	0.0
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:00	0.0	
				TOTALS:					00:00	05:02	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0	
				CESSATION:					00:00	00:00	0.0	
				COLLISIONS:					00:00	00:00	0.0	
				TOTALS:					00:00	00:00	0.0	
				TOTAL TIME/MILES:					00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 679
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 11 Jan 2019 - Friday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

1 load pumped on Ship Island today: 10,192 CY

485 loads pumped on Ship Island to date: 5,132,669 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

56 loads dug in OCS East Borrow Area to date: 591,634 CY

Two Delays Today:

270min - Taking on fuel

32min - Port side extra warm up

SAFETY

PRE-SHIFT MEETING:

Liberty- Mate discussed daily operation.

JSA DISCUSSIONS:

Liberty-Using incinerator, Inspect and cleaning out discharge box, Cleaning drag heads, Crew boat personnel transfer, Using impact gun, Painting, Connecting/Disconnecting to the cube. Mackie- Personnel transfer, Inspecting/cleaning dragheads, Housekeeping/sanitary, Using the Incinerator, Connecting/disconnecting to the cube.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew hooking up to the cube. Crew maintained safety and kept constant communication with mate. Mackie- Observed crew working together while transfer fuel. Crew used hand and radio communication. Crew maintained safety throughout the task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 52° and a high of 59.

Tomorrow: Low of 49° and a high of 67°. Clouds and sun, a t-storm

Mackie- Great job on maintaining housekeeping.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 679	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 11 Jan 2019 - Friday	
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 14,474	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,007,201		
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>			
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>			
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>1</u> TIME <u>08:53</u>	GAGE LOCATION <u>Pascagoula Range Marker</u>				
		MIN <u>0</u> TIME <u>19:18</u>	MAX <u>0</u> TIME <u>23:59</u>	GAGE DATUM <u>NAVD88</u>				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 37 °F / 58 °F	VISIBILITY 10	WIND 15		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD		LIGHT	LOADED	AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		11	27					
AFT				EFFECTIVE WORKING TIME:				
		11	27	PUMPING:	00:00	02:47	0.0	
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:14	0.0	
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	07:13	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:54	0.0	
			1	DUMPING:	00:00	04:13	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:32	0.0	
			0	TO CUT:	00:00	04:49	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	20:42	0.0	
			7,177	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
			2,000	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0	
3	14,474	Ship Island	0	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT				MISCELLANEOUS:	00:00	03:18	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	03:18	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 679
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 11 Jan 2019 - Friday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

3 loads pumped onto Ship Island today: 14,474 CY

624 loads pumped on Ship Island to date: 3,007,201 CY

624 loads dug in Horn Island Pass Borrow Area to date: 3,007,201 CY

Three Delays Today:

131min - Wait on Ellis Island

61min - Fill site flush line

6min - Booster Jessie

SAFETY

PRE-SHIFT MEETING:

Liberty- Mate discussed daily operation.

JSA DISCUSSIONS:

Liberty-Using incinerator, Inspect and cleaning out discharge box, Cleaning drag heads, Crew boat personnel transfer, Using impact gun, Painting, Connecting/Disconnecting to the cube. Mackie- Personnel transfer, Inspecting/cleaning dragheads, Housekeeping/sanitary, Using the Incinerator, Connecting/disconnecting to the cube.

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew hooking up to the cube. Crew maintained safety and kept constant communication with mate. Mackie- Observed crew working together while transfer fuel. Crew used hand and radio communication. Crew maintained safety throughout the task.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 52° and a high of 59.

Tomorrow: Low of 49° and a high of 67°. Clouds and sun, a t-storm

Mackie- Great job on maintaining housekeeping.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 680
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island	DATE 12 Jan 2019 - Saturday	

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

4 loads pumped onto Ship Island today: 18,903 CY

628 loads pumped on Ship Island to date: 3,026,104 CY

628 loads dug in Horn Island Pass Borrow Area to date: 3,026,104 CY

No delays today

SAFETY

PRE-SHIFT MEETING:

Discussed weather condition this morning. Beware and cautious of wet and slippery desks condition during transfer.
Booster Jessie- Chief discussed LOTO and daily operations.

JSA DISCUSSIONS:

Fill Site- Changing the wye-valve, Working the light plant, Fueling equipment, Adding-breaking shorepipe and Building and maintaining dikes. Booster Jessie- Fuel fill service day tank top off, Daily duties, Checking fluid levels

BEHAVIORAL OBSERVATIONS:

Fill Site- Observed crew moving sand with heavy equipment in a safety manner.

Booster Jessie- Observed crew conducting daily maintenance on equipment. Crew wore the proper PPE and conducted their task as per the JSA.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 49° and a high of 66. T-storm in spot
Tomorrow: Low of 41° and a high of 57°. Mostly cloudy
Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Rough sea conditions today.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 680				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 12 Jan 2019 - Saturday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	20,293	5,152,962				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>							
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
		GAGE LOCATION		Pascagoula Range Marker							
		GAGE DATUM		NAVD88							
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		58 °F / 65 °F		10		20				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	03:08	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:11	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	05:32	0.0	
		1		CONNECTING:				00:00	00:28	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	05:28	0.0	
		0		DISCONNECTING:				00:00	00:14	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	05:00	0.0	
		10,405		TOTALS:				00:00	20:01	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
2	20,293	Ship Island		0	MINOR OPERATING REPAIRS:				00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	03:59	0.0	
				TOTALS:				00:00	03:59	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0
					CESSATION:				00:00	00:00	0.0
					COLLISIONS:				00:00	00:00	0.0
					TOTALS:				00:00	00:00	0.0
					TOTAL TIME/MILES:				00:00	24:00	0.0

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 680
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 12 Jan 2019 - Saturday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 20,293 CY

487 loads pumped on Ship Island to date: 5,152,962 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

58 loads dug in OCS East Borrow Area to date: 611,927 CY

Three Delays Today:

215min - Wait on Liberty Island (Two delays)

24min - Paint test

SAFETY

PRE-SHIFT MEETING:

Discussed weather condition this morning. Beware and cautious of wet and slippery desks condition during transfer.

Booster Jessie- Chief discussed LOTO and daily operations.

JSA DISCUSSIONS:

Fill Site- Changing the wye-valve, Working the light plant, Fueling equipment, Adding-breaking shorepipe and Building and maintaining dikes. Booster Jessie- Fuel fill service day tank top off, Daily duties, Checking fluid levels

BEHAVIORAL OBSERVATIONS:

Fill Site- Observed crew moving sand with heavy equipment in a safety manner.

Booster Jessie- Observed crew conducting daily maintenance on equipment. Crew wore the proper PPE and conducted their task as per the JSA.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 49° and a high of 66. T-storm in spot

Tomorrow: Low of 41° and a high of 57°. Mostly cloudy

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Rough sea conditions today.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 681				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Jan 2019 - Sunday				
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY						
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		17	2		2	7					
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island	19,447	5,172,409				
AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM							
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>							
	DENSITY OF WATER			1025	GMS/LITER@ <u>68 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53			
	MIN	0	TIME	19:18	MAX	0	TIME	23:59			
GAGE LOCATION		Pascagoula Range Marker									
GAGE DATUM		NAVD88									
WEATHER CONDITION	WEATHER		TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay		44 °F / 57 °F		10		14				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
FORWARD	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30							
AFT			13	30	EFFECTIVE WORKING TIME:						
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:				00:00	02:58	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:				00:00	00:19	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		TO DUMP:				00:00	05:05	0.0	
		1		CONNECTING:				00:00	00:14	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		DUMPING:				00:00	03:04	0.0	
		0		DISCONNECTING:				00:00	00:09	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		TO CUT:				00:00	02:58	0.0	
		10,000		TOTALS:				00:00	14:47	0.0	
GALLONS OF WATER CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:							
		500		TAKING ON FUEL AND SUPPLIES:				00:00	00:00	0.0	
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES:				00:00	00:00	0.0
2	19,447	Ship Island	0		MINOR OPERATING REPAIRS:				00:00	01:29	0.0
				TRANSFERRING BETWEEN WORKS:				00:00	00:00	0.0	
				LAY TIME:				00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:				00:00	00:00	0.0	
				MISCELLANEOUS:				00:00	07:44	0.0	
				TOTALS:				00:00	09:13	0.0	
ATTENDANT PLANT				LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 681
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island	DATE 13 Jan 2019 - Sunday	

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,447 CY

489 loads pumped on Ship Island to date: 5,172,409 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

60 loads dug in OCS East Borrow Area to date: 631,374 CY

Five Delays Today:

404min - Waiting on booster; welding hole in crossover pipe

58min - Wait on Liberty Island

51min - Dumping and flushing clogged valves

38min - Can't clutch in

2min - Could not communicate with booster Jessie

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed daily operation.

JSA DISCUSSIONS:

Welding/Cutting/Burning, Vessel transfers, Crane lifting, Tightening bolts on flanges and Operating heavy equipment & forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together doing daily task. Good communication between crews doing vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 39° and a high of 56. Partly sunny; cooler

Tomorrow: Low of 39° and a high of 55°. Partly sunny

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Conducted New Hire Orientation training in office.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 681						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 13 Jan 2019 - Sunday						
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		HIP 3	HIP 3		Ship Island	14,572	3,040,676						
CHARACTER OF MATERIAL		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM							
		DENSITY OF MATERIALS		_____		GMS/LITER <u>1850</u>							
RIVER/TIDE STAGE		DENSITY OF WATER		1025		GMS/LITER@ <u>83 °F</u>							
		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker		
WEATHER CONDITION		MIN		0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88	
		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
Weather Caused No Delay		44 °F / 57 °F		10		20							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11		27									
AFT		11		27									
DRAG DEPTH		MAX <u>35</u> MIN <u>35</u>											
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		6,322							
GALLONS OF WATER CONSUMED				GAL		500							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
3	14,572	Ship Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		06:37		0.0	
						TOTALS:		00:00		06:37		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 681
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 13 Jan 2019 - Sunday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

3 loads pumped onto Ship Island today: 14,572 CY

631 loads pumped on Ship Island to date: 3,040,676 CY

631 loads dug in Horn Island Pass Borrow Area to date: 3,040,676 CY

One Delay Today:

397min - Leak on booster Wadmalaw

SAFETY

PRE-SHIFT MEETING:

Deck Captain discussed daily operation.

JSA DISCUSSIONS:

Welding/Cutting/Burning, Vessel transfers, Crane lifting, Tightening bolts on flanges and Operating heavy equipment & forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew working together doing daily task. Good communication between crews doing vessel transfers.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 39° and a high of 56. Partly sunny; cooler

Tomorrow: Low of 39° and a high of 55°. Partly sunny

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Conducted New Hire Orientation training in office.

QUALITY CONTROL REPORT-HOPPER DREDGE

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CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 682								
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 14 Jan 2019 - Monday								
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		HIP 3	HIP 3		Ship Island	24,993	3,065,669								
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM									
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>										
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>										
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker				
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88				
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused No Delay		41 °F / 44 °F		10		14							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
				11		27									
AFT				11		27		EFFECTIVE WORKING TIME:							
								PUMPING:		00:00		03:31		0.0	
								TURNING:		00:00		00:46		0.0	
								TO DUMP:		00:00		06:47		0.0	
								CONNECTING:		00:00		00:51		0.0	
								DUMPING:		00:00		04:19		0.0	
								DISCONNECTING:		00:00		00:38		0.0	
								TO CUT:		00:00		07:08		0.0	
								TOTALS:		00:00		24:00		0.0	
								NON-EFFECTIVE WORKING TIME:							
								TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
								TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
								LAY TIME:		00:00		00:00		0.0	
								FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
								MISCELLANEOUS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								LOST TIME:							
								MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 682
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 14 Jan 2019 - Monday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

5 loads pumped onto Ship Island today: 24,993 CY

636 loads pumped on Ship Island to date: 3,065,669 CY

636 loads dug in Horn Island Pass Borrow Area to date: 3,065,669 CY

No Delays Today

SAFETY

JSA DISCUSSIONS:

Welding/Cutting/Burning, Mechanical duties, Cranes Lifting and Operating heavy equipment & forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew member welding on barge. Crew member was wearing all the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 38° and a high of 49. Clouds giving way to some sun

Tomorrow: Low of 41° and a high of 56°. Partly sunny

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Conducted a Predictive Solution Inspection. Scanned document onto thumb drive.

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 682
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 14 Jan 2019 - Monday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

1 load pumped on Ship Island today: 10,237 CY

490 loads pumped on Ship Island to date: 5,182,646 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

61 loads dug in OCS East Borrow Area to date: 641,611 CY

Three Delays Today:

700min - Multidrive failure

55min - Finish oil change

26min - Wait on Liberty Island

SAFETY

JSA DISCUSSIONS:

Welding/Cutting/Burning, Mechanical duties, Cranes Lifting and Operating heavy equipment & forklift.

BEHAVIORAL OBSERVATIONS:

Observed crew member welding on barge. Crew member was wearing all the proper PPE.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 38° and a high of 49. Clouds giving way to some sun

Tomorrow: Low of 41° and a high of 56°. Partly sunny

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Conducted a Predictive Solution Inspection. Scanned document onto thumb drive.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 683					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Jan 2019 - Tuesday					
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY							
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		17	2		2	7						
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
	OCS East		OCS East		Ship Island		19,588	5,202,234				
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM						
CHARACTER OF MATERIAL	DENSITY OF MATERIALS						GMS/LITER <u>1870</u>					
	DENSITY OF WATER			1025			GMS/LITER@ <u>68 °F</u>					
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59				
				GAGE LOCATION		Pascagoula Range Marker						
				GAGE DATUM		NAVD88						
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND				
	Weather Caused No Delay			41 °F / 49 °F		10		10				
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
			13	30								
AFT			13	30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>				PUMPING:					00:00	03:01	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>				TURNING:					00:00	00:22	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	1	TO DUMP:					00:00	05:10	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	CONNECTING:					00:00	00:15	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	10,000	DUMPING:					00:00	08:32	0.0
GALLONS OF WATER CONSUMED			GAL	500	DISCONNECTING:					00:00	00:26	0.0
WORK PERFORMED				TO CUT:					00:00	05:02	0.0	
DREDGING AND HAULING		AGITATING		TOTALS:					00:00	22:48	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	NON-EFFECTIVE WORKING TIME:								
2	19,588	Ship Island	0	TAKING ON FUEL AND SUPPLIES:					00:00	00:00	0.0	
				TO AND FROM WHARF OR ANCHORAGE:					00:00	00:00	0.0	
				LOSS DUE TO NATURAL ELEMENTS:					00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES:					00:00	00:00	0.0	
				MINOR OPERATING REPAIRS:					00:00	00:32	0.0	
				TRANSFERRING BETWEEN WORKS:					00:00	00:00	0.0	
				LAY TIME:					00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:					00:00	00:00	0.0	
				MISCELLANEOUS:					00:00	00:40	0.0	
				TOTALS:					00:00	01:12	0.0	
ATTENDANT PLANT				LOST TIME:								
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:					00:00	00:00	0.0
					CESSATION:					00:00	00:00	0.0
					COLLISIONS:					00:00	00:00	0.0
					TOTALS:					00:00	00:00	0.0
					TOTAL TIME/MILES:					00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 683
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 15 Jan 2019 - Tuesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,588 CY

492 loads pumped on Ship Island to date: 5,182,646 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

63 loads dug in OCS East Borrow Area to date: 661,199 CY

Four Delays Today:

32min - Oil change

25min - Wait on Liberty Island

12min - Change post wire/calibrate dragarm

3min - Flush Liberty Island material out of line

SAFETY

JSA DISCUSSIONS:

Liberty- Using Incinerator, Crew Boat Personnel Transfer, Painting, Cleaning Dragheads, Inspect and Clean out Discharge Box and Connecting/Disconnecting to the cube

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew utilizing safe work practice and wearing all PPE while performing connecting and disconnecting to the cube. Crew used good communication skill between members.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 37° and a high of 53. Clouds giving way to some sun

Tomorrow: Low of 45° and a high of 61°. Partly sunny

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Liberty- Collected and Scanned document onto thumb drive.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 683								
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 15 Jan 2019 - Tuesday								
DREDGE (Liberty Island)		HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		HIP 3	HIP 3		Ship Island	14,887	3,080,556								
		AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM									
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			GMS/LITER <u>1850</u>										
		DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>										
RIVER/TIDE STAGE		MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker				
		MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88				
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused No Delay		41 °F / 49 °F		10		10							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
				11		27									
AFT				11		27		EFFECTIVE WORKING TIME:							
DRAG DEPTH		MAX <u>35</u>		MIN <u>35</u>				PUMPING:		00:00		03:44		0.0	
INDICATORS LAST CHECKED ON		<u>05/14/2018</u>						TURNING:		00:00		01:01		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		TO DUMP:		00:00		07:03		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		CONNECTING:		00:00		00:45		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		6,965		DUMPING:		00:00		03:30		0.0	
GALLONS OF WATER CONSUMED				GAL		3,500		DISCONNECTING:		00:00		00:21		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING				AGITATING				TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS				TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
3	14,887	Ship Island		0				LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
								LAY TIME:		00:00		00:00		0.0	
								FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
								MISCELLANEOUS:		00:00		03:16		0.0	
								TOTALS:		00:00		03:16		0.0	
ATTENDANT PLANT						LOST TIME:									
ITEM	NAME OR NUMBER			H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 683
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 15 Jan 2019 - Tuesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

3 loads pumped onto Ship Island today: 14,887 CY

639 loads pumped on Ship Island to date: 3,080,556 CY

639 loads dug in Horn Island Pass Borrow Area to date: 3,080,556 CY

Two Delays Today:

196min - Wait on Ellis Island (Two delays)

SAFETY

JSA DISCUSSIONS:

Liberty- Using Incinerator, Crew Boat Personnel Transfer, Painting, Cleaning Dragheads, Inspect and Clean out Discharge Box and Connecting/Disconnecting to the cube

BEHAVIORAL OBSERVATIONS:

Liberty- Observed crew utilizing safe work practice and wearing all PPE while performing connecting and disconnecting to the cube. Crew used good communication skill between members.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 37° and a high of 53. Clouds giving way to some sun

Tomorrow: Low of 45° and a high of 61°. Partly sunny

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Liberty- Collected and Scanned document onto thumb drive.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 684			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 16 Jan 2019 - Wednesday			
DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>4,385</u> CY					
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		17	2		2	7				
LOCATION OF WORK	LOCATION CHANNEL HIP 3		REACH DREDGED; STA TO STA HIP 3		DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 15,006	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,095,562			
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM					
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1850</u>						
	DENSITY OF WATER			GMS/LITER@ <u>83 °F</u>						
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND		
	Weather Caused No Delay			39 °F / 57 °F		10		7		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
			11	27						
AFT			11	27	EFFECTIVE WORKING TIME:					
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>					PUMPING:	00:00	03:16	0.0		
INDICATORS LAST CHECKED ON <u>05/14/2018</u>					TURNING:	00:00	00:48	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		TO DUMP:	00:00	05:35	0.0		
			1		CONNECTING:	00:00	00:36	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		DUMPING:	00:00	03:59	0.0		
			0		DISCONNECTING:	00:00	00:28	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		TO CUT:	00:00	04:45	0.0		
			6,568		TOTALS:	00:00	19:27	0.0		
GALLONS OF WATER CONSUMED			GAL		NON-EFFECTIVE WORKING TIME:					
			1,500		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
3	15,006	Ship Island		0		MINOR OPERATING REPAIRS:	00:00	01:00	0.0	
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0	
						LAY TIME:	00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:	00:00	03:33	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:	00:00	04:33	0.0		
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 684
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 16 Jan 2019 - Wednesday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island

3 loads pumped onto Ship Island today: 15,006 CY

642 loads pumped on Ship Island to date: 3,095,562 CY

642 loads dug in Horn Island Pass Borrow Area to date: 3,095,562 CY

Four Delays Today:

179min - Wait on Ellis Island (Two delays)

60min - Compass tech onboard

34min - Booster Jeissie port main engine turbo issues

SAFETY

JSA DISCUSSIONS:

Wadmalaw- Housekeeping/Sanitary

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 47° and a high of 59. Mostly sunny

Tomorrow: Low of 59° and a high of 63°. A passing afternoon shower

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Corrected deficiency on the Ohio River, Entered weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 684
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 16 Jan 2019 - Wednesday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island.

2 loads pumped on Ship Island today: 19,399 CY

494 loads pumped on Ship Island to date: 5,221,633 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

65 loads dug in OCS East Borrow Area to date: 680,598 CY

One Delay Today:

62min - Wait on Liberty Island

SAFETY

JSA DISCUSSIONS:

Wadmalaw- Housekeeping/Sanitary

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 47° and a high of 59. Mostly sunny

Tomorrow: Low of 59° and a high of 63°. A passing afternoon shower

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Corrected deficiency on the Ohio River, Entered weekly inspection into NS5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008		CONTRACT TITLE MsCIP Ship Island Phase I			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 685							
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 17 Jan 2019 - Thursday							
DREDGE (Ellis Island)	HOPPER CAP: <u>14,778</u> CY		AVG VOL OF BIN WATER: <u>10,950</u> CY		AVG UNFILLED CAP: <u>3,828</u> CY									
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
		17	2		2	7								
LOCATION OF WORK	LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
	OCS East		OCS East		Ship Island	8,823	5,230,456							
		AVG LENGTH OF CUT <u>1,700</u> FT		AVG WIDTH OF CUT <u>1,800</u> FT		AVG DIST TO DUMP <u>33</u> NM								
CHARACTER OF MATERIAL	DENSITY OF MATERIALS			GMS/LITER <u>1870</u>										
	DENSITY OF WATER			GMS/LITER@ <u>68 °F</u>										
RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION	Pascagoula Range Marker				
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM	NAVD88				
WEATHER CONDITION	WEATHER			TEMP (min / max)		VISIBILITY		WIND						
	Weather Caused No Delay			39 °F / 57 °F		10		7						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN									
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)						
			13			30								
AFT			13			30	EFFECTIVE WORKING TIME:							
DRAG DEPTH MAX <u>42</u> MIN <u>42</u>					PUMPING:						00:00	00:00	0.0	
INDICATORS LAST CHECKED ON <u>07/14/2018</u>					TURNING:						00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		1	TO DUMP:						00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		0	CONNECTING:						00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL		3,000	DUMPING:						00:00	00:00	0.0
GALLONS OF WATER CONSUMED			GAL		500	DISCONNECTING:						00:00	00:00	0.0
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES:						00:00	00:00	0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:						00:00	00:00	0.0	
1	8,823	Ship Island		0	LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES:						00:00	00:00	0.0	
					MINOR OPERATING REPAIRS:						00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS:						00:00	00:00	0.0	
					LAY TIME:						00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:						00:00	00:00	0.0	
ATTENDANT PLANT					MISCELLANEOUS:						00:00	00:00	0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS:						00:00	00:00	0.0	
					LOST TIME:									
					MAJOR REPAIRS AND ALTERATIONS:						00:00	00:00	0.0	
					CESSATION:						00:00	23:15	0.0	
					COLLISIONS:						00:00	00:00	0.0	
					TOTALS:						00:00	23:15	0.0	
					TOTAL TIME/MILES:						00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 685
DREDGE QC NARRATIVE(S)	NAME AND TYPE Ellis Island		DATE 17 Jan 2019 - Thursday

GENERAL COMMENTS

The Ellis continued digging OCS East and pumping on Ship Island. Dredging operations completed. Final load completed at 0045.

1 load pumped on Ship Island today: 8,823 CY

495 loads pumped on Ship Island to date: 5,230,456 CY

158 loads dug in Horn Island Pass Borrow Area to date: 1,641,582 CY

271 loads dug in OCS West Borrow Area to date: 2,899,453 CY

66 loads dug in OCS East Borrow Area to date: 689,421 CY

No Delays Today

SAFETY

PRE-SHIFT MEETING:

Jessie- Discussed daily operation.

Bullgang-Deck captain discussed PPE and daily operations. Stretch and flex was conducted at the conclusion of the preshift.

JSA DISCUSSIONS:

Wadmalaw- Housekeeping/SanitaryJessie- Daily Duties and Housekeeping

Bullgang- Connecting/Disconnecting pipe, Using the anchor barge to retrieve anchors, Presonnel vessel transfer and dive plan

BEHAVIORAL OBSERVATIONS:

Jessie- Crew preformed daily task utilizing safe practice and wearing proper PPE. Good communication between members.

Bullgang- Observed crews using the anchor barge to pick up anchors. No deficiencies noted. Observed bullgang working with divers to break connections on pipe. No deficiencies noted. Crews work and communicated well. Divers follows dive plan. PPE was worn at the times by crew and contractors and vessel transfer policy was adhered to.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 48° and a high of 65. Mostly cloudy, a stray shower

Tomorrow: Low of 60° and a high of 66°. Mainly cloudy

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Jessie- Conducted a JSA audit. Assisted Chief Hugh with two contractor for ABS doing a cop deck annual audit. Conducted a Predictive Solution inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 685
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CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Jan 2019 - Thursday
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DREDGE (Liberty Island)	HOPPER CAP: <u>5,000</u> CY	AVG VOL OF BIN WATER: <u>10,950</u> CY	AVG UNFILLED CAP: <u>4,385</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	17	2			2	7

LOCATION OF WORK	LOCATION CHANNEL HIP 3	REACH DREDGED; STA TO STA HIP 3	DISPOSAL AREA USE Ship Island	QTY DEPOSITED GROSS(CY) 5,061	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 3,100,623
	AVG LENGTH OF CUT <u>4,771</u> FT		AVG WIDTH OF CUT <u>1,602</u> FT		AVG DIST TO DUMP <u>35</u> NM

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1850</u>
	DENSITY OF WATER	1025	GMS/LITER@ <u>83 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:00	MAX	1	TIME	08:53	GAGE LOCATION Pascagoula Range Marker
	MIN	0	TIME	19:18	MAX	0	TIME	23:59	GAGE DATUM NAVD88

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	39 °F / 57 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	27		EFFECTIVE WORKING TIME:			
AFT		11	27	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>35</u> MIN <u>35</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>05/14/2018</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	01:19	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:08	0.0
			0	TO CUT:	00:00	01:33	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	03:00	0.0
			4,000	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
1	5,061	Ship Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	21:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	21:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-17-C-0008	CONTRACT TITLE MsCIP Ship Island Phase I	CONTRACTOR Great Lakes Dredge & Dock Company, LLC	REPORT NO. 685
DREDGE QC NARRATIVE(S)	NAME AND TYPE Liberty Island		DATE 17 Jan 2019 - Thursday

GENERAL COMMENTS

The Liberty Island continued digging HIP 3 and pumping on Ship Island. Dredging operations completed. Final load finished at 0300.

1 load pumped onto Ship Island today: 5,061 CY

643 loads pumped on Ship Island to date: 3,100,623 CY

643 loads dug in Horn Island Pass Borrow Area to date: 3,100,623 CY

No delays today.

SAFETY

PRE-SHIFT MEETING:

Jessie- Discussed daily operation.

Bullgang-Deck captain discussed PPE and daily operations. Stretch and flex was conducted at the conclusion of the preshift.

JSA DISCUSSIONS:

WadmLaw- Housekeeping/SanitaryJessie- Daily Duties and Housekeeping

Bullgang- Connecting/Disconnecting pipe, Using the anchor barge to retrieve anchors, Personnel vessel transfer and dive plan

BEHAVIORAL OBSERVATIONS:

Jessie- Crew performed daily task utilizing safe practice and wearing proper PPE. Good communication between members.

Bullgang- Observed crews using the anchor barge to pick up anchors. No deficiencies noted. Observed bullgang working with divers to break connections on pipe. No deficiencies noted. Crews work and communicated well. Divers follows dive plan. PPE was worn at the times by crew and contractors and vessel transfer policy was adhered to.

SITE CONDITIONS & HOUSEKEEPING:

Today: Mostly sunny. Low of 48° and a high of 65. Mostly cloudy, a stray shower

Tomorrow: Low of 60° and a high of 66°. Mainly cloudy

Crew throughout the project site maintaining good housekeeping.

GENERAL COMMENTS:

Jessie- Conducted a JSA audit. Assisted Chief Hugh with two contractor for ABS doing a cop deck annual audit. Conducted a Predictive Solution inspection.

CONTRACTOR CERTIFICATION **On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.**

QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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