

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 1 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 64	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/20/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA. 950+00 - STA.1590+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		0	0				0				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50	GMS/LITER	1.50			
		DENSITY OF WATER				1.0250	GMS/LITER@	73 °F			
RIVER/TIDE STAGE		MIN -0.01	TIME 03:25	MAX 1.05	TIME 16:24	GAGE LOCATION RTK Tides					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 69 °F / 81 °F	VISIBILITY 10 MI	WIND 15-20 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30					EFFECTIVE WORKING TIME:			
AFT	13		30		PUMPING:	00:00	00:15	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	05/20/2021				TO DUMP:	00:00	00:36	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		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	923		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	50		TO CUT:	00:00	00:00	0.0			
					TOTALS:	00:00	00:51	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			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
0	0	Phase 3 ODMDS		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	23:09	0.0			
					TOTALS	00:00	23:09	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 2 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 1
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Ellis Island undocked and departed from Port Deer River after taking on around 20:30. The dredge performed hopper leakage test for 1 hour. Following the leakage test, the Ellis proceeded to performing a TED Paint Test from 23:08 to 23:23, at which time the pumps were run up under normal operation conditions. Once the Paint test was completed the crew sailed towards the designated ODMDS for Phase 3 (reports attached).

No loads completed for this day.

Endangered Species:

No incidents with endangered or protected species on this date (report attached).

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 3 of 343			
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 2			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/21/2021					
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA. 950+00 - STA.1590+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 772		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 772	
		AVG LENGTH OF CUT 9000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50		GMS/LITER		1.50			
		DENSITY OF WATER				1.0250		GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN 0.19		TIME 03:35		MAX 0.40		TIME 00:01		GAGE LOCATION RTK Tides			
		MIN 0.50		TIME 23:59		MAX 0.79		TIME 17:25		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 65 °F / 83 °F		VISIBILITY 10 MI		WIND 13-20 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:							
AFT		13		30		PUMPING:		00:00		00:00		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		05/20/2021				TO DUMP:		00:00		01:17		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:16		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,007		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:		00:00		00:01		0.0	
						TOTALS:		00:00		01:34		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 1	TOTAL CYS 772		DISPOSAL AREA Phase 3 ODMDS			TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		22:23	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS		00:00		00:03		0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
						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		22:26		0.0	
						LOST TIME:							
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 4 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 2
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Ellis Island continued their sailing towards the designated ODMDS for Phase 3 from the night before after completing a paint test.

During the sail the vessel crew unpinning the bottom dump doors in preparation for disposal. Upon exiting the channel and turning west towards the disposal area a technical issue with hydraulic system controlling the bottom dump door cylinder for bays 2 and 4 developed. This allowed the doors to partially open enabling slurry to be discharged and draft loss to be incurred. Doors were re-secured and the vessel continued to the designated ODMDS for Phase 3 and disposed of the remaining load in Cells AA12 and AA13 as shown in the attached Map.

Due to inclement weather the dredge remained in the ODMDS on anchor for the remainder of the day.

Endangered Species:

No incidents with endangered or protected species on this date (report attached).

Dredging meeting held on this day with USACE and GLDD Site Management representatives via teleconference at 13:30 and discussed the first load for Phase 3 and dredging activity going forward.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 5 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 3	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/22/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA. 950+00 - STA.1590+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 10,335	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 11,107			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50	GMS/LITER	1.50			
		DENSITY OF WATER				1.0250	GMS/LITER@	73 °F			
RIVER/TIDE STAGE		MIN	0.42	TIME	03:01	MAX	0.73	TIME	10:17	GAGE LOCATION RTK Tides	
		MIN	0.48	TIME	17:49	MAX	0.65	TIME	23:59	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 63 °F / 82 °F		VISIBILITY 10 MI	WIND 6-15 E MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30			EFFECTIVE WORKING TIME:					
AFT		13	30			PUMPING:	00:00	02:08	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/20/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	05:45	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,685			DUMPING:	00:00	00:11	0.0		
GALLONS OF WATER CONSUMED		GAL	1,179			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	05:41	0.0		
						TOTALS:	00:00	13:45	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	08:21	0.0		
2		10,335	Phase 3 ODMDS	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	01:54	0.0		
						TOTALS	00:00	10:15	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 6 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 3
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island picked up anchor around 0630 this morning and began heading to the channel to conduct dredging operations. The Ellis Island conducted an additional leakage test before resuming dredging. Leakage test was performed and no issues were observed with the results.

Dredge completed 2 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Miscellaneous delay of 114 mins for leakage test and 501 mins due to weather.

Endangered Species:  
No incidents with endangered or protected species on this date (report attached).

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date (report attached)

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 7 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 4		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 05/23/2021		
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY		
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA AS1 - AS15				DISPOSAL AREA USE Phase 3 ODMDS		
		QTY DEPOSITED GROSS(CY) 13,816		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 24,923		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50		
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F		
RIVER/TIDE STAGE		MIN 0.70		TIME 00:01		MAX 0.96		TIME 09:07		GAGE LOCATION RTK Tides		
		MIN 0.16		TIME 18:44		MAX 0.50		TIME 23:59		GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 61 °F / 84 °F		VISIBILITY 10 MI		WIND 7 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:						
AFT		13		30		PUMPING:		00:00	01:57	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:06	0.0		
INDICATORS LAST CHECKED ON		05/20/2021				TO DUMP:		00:00	07:22	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:27	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		636		DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		50		TO CUT:		00:00	07:23	0.0		
						TOTALS:		00:00	17:15	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 3		TOTAL CYS 13,816		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	04:22	0.0		
						MINOR OPERATING REPAIRS		00:00	01:11	0.0		
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
						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	01:12	0.0		
						TOTALS		00:00	06:45	0.0		
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
						CESSATION:		00:00	00:00	0.0		
						COLLISIONS:		00:00	00:00	0.0		
						TOTALS:		00:00	00:00	0.0		
						TOTAL TIME/MILES:		00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 8 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 4
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis continued dredging operations digging in Mobile Lower Bay Channel dredging area between acceptance sections AS-1 - AS15. Dredge completed 3 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Miscellaneous delay of 72 mins for dragarm calibrations, 262 mins for traffic and 71 mins for repairs-fuel injector.

Endangered Species:  
No incidents with endangered or protected species on this date (report attached).

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date (report attached)

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 9 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 5	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 05/24/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA AS1 - AS15				DISPOSAL AREA USE Phase 3 ODMDS	
		QTY DEPOSITED GROSS(CY) 13,365		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 38,288		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN 0.50		TIME 00:01		MAX 1.26		TIME 09:04		GAGE LOCATION RTK Tides	
		MIN -0.12		TIME 19:39		MAX 0.30		TIME 23:59		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 63 °F / 85 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	01:24	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/20/2021				TO DUMP:	00:00	04:31	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		540		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:	00:00	06:36	0.0		
						TOTALS:	00:00	12:48	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 3	TOTAL CYS 13,365	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	11:12	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	11:12	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 10 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 5
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis continued dredging operations digging in Mobile Lower Bay Channel dredging area between acceptance sections AS-1 - AS15. Dredge completed 3 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Delay of 672 mins for traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity testing due to dredge delay offshore on standby due to traffic.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 11 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 6	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 05/25/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA AS1 - AS15				DISPOSAL AREA USE Phase 3 ODMDS	
		QTY DEPOSITED GROSS(CY) 13,650		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 51,938		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 00:01		MAX 1.52		TIME 09:29		GAGE LOCATION RTK Tides	
		MIN -0.32		TIME 20:37		MAX 0.10		TIME 23:59		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 60 °F / 86 °F		VISIBILITY 10 MI		WIND 7 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:		00:00		02:09 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON 05/20/2021						TO DUMP:		00:00		08:40 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						DUMPING:		00:00		00:17 0.0	
GALLONS OF FUEL OIL CONSUMED GAL 6,200						DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED GAL 100						TO CUT:		00:00		06:53 0.0	
						TOTALS:		00:00		17:59 0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING						TAKING ON FUEL AND SUPPLIES		00:00		00:00 0.0	
AGITATING				NO.OF LOADS 3		TOTAL CYS 13,650		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		05:56 0.0	
						MINOR OPERATING REPAIRS		00:00		00:00 0.0	
						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		00:05 0.0	
						TOTALS		00:00		06:01 0.0	
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
						CESSATION:		00:00		00:00 0.0	
						COLLISIONS:		00:00		00:00 0.0	
						TOTALS:		00:00		00:00 0.0	
						TOTAL TIME/MILES:		00:00		24:00 0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 12 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 6
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis continued dredging operations digging in Mobile Lower Bay Channel dredging area between acceptance sections AS-1 - AS15. Dredge completed 3 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Traffic delays occurred early in the morning with load #10 and after dumping load #12 due to outbound traffic and then an inbound ship.

Delay of 356 mins for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances with turbidity measurement levels on this date

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 13 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 7				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/26/2021						
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA AS1 - AS15			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 14,198		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 66,136		
		AVG LENGTH OF CUT 9000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50		GMS/LITER		1.50				
		DENSITY OF WATER				1.0030		GMS/LITER@		73 °F				
RIVER/TIDE STAGE		MIN -0.10		TIME 00:01		MAX 1.71		TIME 10:08		GAGE LOCATION RTK Tides				
		MIN -0.45		TIME 21:42		MAX 0.00		TIME 23:59		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 64 °F / 84 °F		VISIBILITY 10 MI		WIND 6 - 15 S MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:								
AFT		13		30		PUMPING:		00:00		01:21		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON		05/20/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		04:23		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,200		DUMPING:		00:00		00:21		0.0		
GALLONS OF WATER CONSUMED		GAL		100		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		05:02		0.0		
						TOTALS:		00:00		11:07		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		
NO.OF LOADS 2		TOTAL CYS 14,198		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		12:22		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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0
								MISCELLANEOUS		00:00		00:31		0.0
								TOTALS		00:00		12:53		0.0
								LOST TIME:						
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 14 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 7
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis continued dredging operations digging in Mobile Lower Bay Channel dredging area between acceptance sections AS-1 - AS15. Dredge completed 2 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Two significant delays for the day during load #13 early in the morning from 00:29 to 05:54 and during load #15 in the evening from 17:03 to 24:00.

Miscellaneous delay of 31 mins for crew boat transfer and 742 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 15 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 8		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 05/27/2021		
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY		
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA. 950+00 - STA. 1040+00 (AS1 - AS15)				DISPOSAL AREA USE Phase 3 ODMDS		
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM		QTY DEPOSITED GROSS(CY) 25,313		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 91,449		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50		
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F		
RIVER/TIDE STAGE		MIN -0.30		TIME 00:01		MAX 1.81		TIME 10:54		GAGE LOCATION RTK Tides		
		MIN -0.49		TIME 22:53		MAX -0.40		TIME 23:59		GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 66 °F / 87 °F		VISIBILITY 10 MI		WIND 8 - 16 S MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:						
AFT		13		30		PUMPING:		00:00	02:28	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:03	0.0		
INDICATORS LAST CHECKED ON		05/20/2021				TO DUMP:		00:00	08:58	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:20	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,140		DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:		00:00	09:43	0.0		
						TOTALS:		00:00	21:32	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 4		TOTAL CYS 25,313		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	02:19	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
						MISCELLANEOUS		00:00	00:09	0.0		
						TOTALS		00:00	02:28	0.0		
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
						CESSATION:		00:00	00:00	0.0		
						COLLISIONS:		00:00	00:00	0.0		
						TOTALS:		00:00	00:00	0.0		
						TOTAL TIME/MILES:		00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 16 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 8
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis continued dredging operations digging in Mobile Lower Bay Channel dredging area between acceptance sections AS1 - AS15 (STA. 950+00 - STA. 1040+00). Dredge completed 4 loads for the day and transported the dredged material to the ODMDS disposal site for Phase 3.

Miscellaneous delay of 9 mins for crew boat transfer and 139 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No test conducted today. Dredge/Survey cycle prevented ability to grab sample.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 17 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 9	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 05/28/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA. 950+00 - STA. 1040+00 (AS1 - AS15)		DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 19,301	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 110,750
		AVG LENGTH OF CUT 9000 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN -0.40		TIME 00:01		MAX 1.81		TIME 11:45		GAGE LOCATION RTK Tides	
		MIN -0.50		TIME 23:59		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 68 °F / 87 °F		VISIBILITY 10 MI		WIND 3 - 15 SSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	01:52	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/20/2021		TO DUMP:	00:00	06:19	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:15	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		8,140	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		500	TO CUT:	00:00	09:00	0.0			
WORK PERFORMED						TOTALS:	00:00	17:26	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		19,301		Phase 3 ODMDS		0		AGITATING	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	00:19	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	05:58	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	00:17	0.0
								TOTALS	00:00	06:34	0.0
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0
								CESSATION:	00:00	00:00	0.0
								COLLISIONS:	00:00	00:00	0.0
								TOTALS:	00:00	00:00	0.0
								TOTAL TIME/MILES:	00:00	24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 18 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 9
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis continued dredging operations digging in Mobile Lower Bay Channel dredging area between acceptance sections AS1 - AS15 (STA. 950+00 - STA. 1040+00). Dredge completed 3 loads for the day and transported the dredged material to the ODMDS disposal site for Phase 3.

Miscellaneous delay of 17 mins for crew boat transfer, 19 mins for weather and 358 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 19 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 10	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/29/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA. 950+00 - STA. 1040+00 (AS1 - AS15)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 18,936	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 129,686				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.50		GMS/LITER 1.50					
		DENSITY OF WATER		1.0030		GMS/LITER@ 73 °F					
RIVER/TIDE STAGE		MIN -0.47	TIME 00:06	MAX 1.74	TIME 12:39	GAGE LOCATION RTK Tides					
		MIN -0.30	TIME 23:59	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 65 °F / 85 °F	VISIBILITY 10 MI	WIND 3 - 14 VAR MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD	13	30		EFFECTIVE WORKING TIME:							
AFT	13	30		PUMPING:	00:00	01:48	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON 05/20/2021				TO DUMP:	00:00	06:21	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:14	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	6,730	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	500	TO CUT:	00:00	06:33	0.0				
				TOTALS:	00:00	14:56	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 3	TOTAL CYS 18,936	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	09:04	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	09:04	0.0				
				LOST TIME:							
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
				CESSATION:	00:00	00:00	0.0				
				COLLISIONS:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
				TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 20 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 10
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15) Dredge completed 3 loads for the day and transported the dredged material to the ODMDS disposal site for Phase 3.

Delay of 9.07 hours due to traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 21 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 11		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/30/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA. 950+00 - STA. 1040+00 (AS1 - AS15)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 27,377	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 157,063					
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.50		GMS/LITER		1.50				
		DENSITY OF WATER		1.0030		GMS/LITER@		73 °F				
RIVER/TIDE STAGE		MIN -0.40	TIME 01:15	MAX 1.61	TIME 13:34	GAGE LOCATION		RTK Tides				
		MIN -0.10	TIME 23:59	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 56 °F / 83 °F	VISIBILITY 10 MI	WIND 5 - 12 N MPH						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	02:27	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		05/20/2021		TO DUMP:	00:00	08:53	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:19	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL		9,170	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL		500	TO CUT:	00:00	07:56	0.0				
					TOTALS:	00:00	19:35	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 4	TOTAL CYS 27,377	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	04:25	0.0			
						MINOR OPERATING REPAIRS	00:00	00:00	0.0			
						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	04:25	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 22 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 11
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads for the day and transported the dredged material to the ODMDS disposal site for Phase 3.

Delay of 265 mins. due to traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 23 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 12	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 05/31/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA. 950+00 - STA. 1040+00 (AS1 - AS15)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 20,083	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 177,146			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.50		GMS/LITER		1.50		
		DENSITY OF WATER			1.0030		GMS/LITER@		73 °F		
RIVER/TIDE STAGE		MIN -0.28	TIME 02:12	MAX 1.43	TIME 14:27	GAGE LOCATION		RTK Tides			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 59 °F / 86 °F	VISIBILITY 10 MI	WIND 6 - 12 SSE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	01:51	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	05/20/2021				TO DUMP:	00:00	06:19	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN		0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN		0		DUMPING:	00:00	00:16	0.0			
GALLONS OF FUEL OIL CONSUMED	GAL		6,962		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED	GAL		500		TO CUT:	00:00	07:20	0.0			
					TOTALS:	00:00	15:46	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	20,083	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	08:14	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	08:14	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 24 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 12
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 05/31/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Delay of 494 mins. due to traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 25 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 13	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/01/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA. 950+00 - STA. 1040+00 (AS1 - AS15)				DISPOSAL AREA USE Phase 3 ODMDS	
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM		QTY DEPOSITED GROSS(CY) 27,009		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 204,155	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN -0.12		TIME 02:54		MAX 1.21		TIME 15:15		GAGE LOCATION RTK Tides	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 64 °F / 87 °F		VISIBILITY 10 MI		WIND 5 - 18 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:33	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/20/2021		TO DUMP:	00:00	08:32	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,760		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	08:04	0.0		
						TOTALS:	00:00	19:25	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 3		TOTAL CYS 27,009		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
						LOSS DUE TO NATURAL ELEMENTS:	00:00	00:34	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	04:01	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		
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	04:35	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 26 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 13
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads for the day and transported the dredged material to the ODMS disposal site for Phase 3.

Delay of 241 mins. due to traffic and 34 mins for weather.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 27 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 14	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/02/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00 (AS1-AS15)				DISPOSAL AREA USE Phase 3 ODMDS	
		QTY DEPOSITED GROSS(CY) 26,284		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 230,439		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN 0.82		TIME 03:30		MAX 1.95		TIME 17:36		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 84 °F		VISIBILITY 10 MI		WIND 4-14 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:38	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	08:10	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:21	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,865		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	09:34	0.0		
						TOTALS:	00:00	20:43	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 4	TOTAL CYS 26,284	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:17	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	03:17	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 28 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 14
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Load 37 was dug on the green side of the toe. Dredge completed 4 loads for the day and transported the dredged material to the ODMDS disposal site for Phase 3.

Delay of 197 mins due to traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 29 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 15	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/03/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00 (AS1-AS15)				DISPOSAL AREA USE Phase 3 ODMDS	
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM		QTY DEPOSITED GROSS(CY) 25,840		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 256,279	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN 1.07		TIME 02:36		MAX 1.68		TIME 11:54		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 68 °F / 86 °F		VISIBILITY 15 MI		WIND 8-12 SW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:	00:00	02:28	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	07:58	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED						TO CUT:	00:00	09:14	0.0		
						TOTALS:	00:00	19:58	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 4		TOTAL CYS 25,840		DISPOSAL AREA Phase 3 ODMDS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	04:02	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	04:02	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 30 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 15
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/03/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads for the day and transported the dredged material to the ODMDS disposal site for Phase 3.

Delay of 242 mins due to traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 31 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 16	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/04/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00 (AS1-AS15)				DISPOSAL AREA USE Phase 3 ODMDS	
		QTY DEPOSITED GROSS(CY) 28,424		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 284,703		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.50				GMS/LITER 1.50	
		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN 0.92		TIME 01:06		MAX 1.73		TIME 10:18		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 68 °F / 82 °F		VISIBILITY 10 MI		WIND 10 S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:20	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:40	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,432		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	06:13	0.0		
						TOTALS:	00:00	16:30	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 4	TOTAL CYS 28,424	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	01:34	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	04:56	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	01:00	0.0		
						TOTALS	00:00	07:30	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 32 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 16
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads for the day and transported the dredged material to the ODMSD disposal site for Phase 3. Dredge switched to dig Phase 1 after load 47. Miscellaneous 60 min delay accounts for time in Phase 1 contract.

Delay of 389 mins; 295 mins due to traffic and 94 mins due to weather. Misc. 60 min delay accounts for time in Phase 1 contract, not included in total delay time.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 33 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 17		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/05/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		19	0			2	7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00 (AS1-AS15)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 14,719	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 299,422				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43				
		DENSITY OF WATER				1.0030	GMS/LITER@	73 °F				
RIVER/TIDE STAGE		MIN 0.94	TIME 18:24	MAX 1.86	TIME 08:42	GAGE LOCATION Fowl River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 71 °F / 78 °F	VISIBILITY 10 MI	WIND 12 SE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	13		30		EFFECTIVE WORKING TIME:							
AFT	13		30		PUMPING:	00:00	01:42	0.0				
DRAG DEPTH	MAX 0	MIN 0	TURNING:									
						00:00	00:00	0.0				
INDICATORS LAST CHECKED ON	05/25/2021											
						TO DUMP:	00:00	04:32	0.0			
						CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			DUMPING:	00:00	00:08	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,798			TO CUT:	00:00	04:53	0.0			
GALLONS OF WATER CONSUMED		GAL	400			TOTALS:	00:00	11:15	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			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
2	14,719	Phase 3 ODMDS	0			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:22	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	10:23	0.0			
						TOTALS	00:00	12:45	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 34 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 17
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 2 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3. Miscellaneous 623 min delay accounts for time in Phase 1 contract.

Delay of 142 mins due to traffic. Misc. 623 min delay accounts for time in Phase 1 contract, not included in total delay time.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 35 of 343			
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 18			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/06/2021					
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY							
LOCATION OF WORK		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
		19		0						2		7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00 (AS1-AS15)		DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 24,875		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 324,297	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 450 FT				AVG WIDTH OF CUT 9000 FT				AVG DIST TO DUMP 23 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43			
CHARACTER OF MATERIAL		DENSITY OF WATER				1.0030				GMS/LITER@ 73 °F			
RIVER/TIDE STAGE		MIN 1.08		TIME 21:36		MAX 2.32		TIME 09:18		GAGE LOCATION Fowl River			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 69 °F / 81 °F		VISIBILITY 10 MI		WIND 13 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		13		30		EFFECTIVE WORKING TIME:							
AFT		13		30		PUMPING:		00:00		01:18		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		05:54		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:13		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		5,500		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		111		TO CUT:		00:00		06:11		0.0	
						TOTALS:		00:00		13:36		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 3		TOTAL CYS 24,875		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
								MISCELLANEOUS		00:00		10:24	0.0
								TOTALS		00:00		10:24	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 36 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 18
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3. Miscellaneous 624 min delay accounts for time in Phase 1 contract.

Delay of 0 mins due to traffic. Misc. 624 min delay accounts for time in Phase 1 contract, not included in total delay time.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 37 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 19	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/07/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00 (AS1-AS15)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 30,081	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 354,378		
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43		
		DENSITY OF WATER			1.0030		GMS/LITER@		73 °F		
RIVER/TIDE STAGE		MIN 0.77	TIME 20:36	MAX 2.39	TIME 08:36	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 70 °F / 88 °F	VISIBILITY 10 MI	WIND 10 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	02:14	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	08:57	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:20	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,971		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	258		TO CUT:	00:00	09:03	0.0			
					TOTALS:	00:00	20:34	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			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
4	30,081	Phase 3 ODMDS	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	03:26	0.0			
					TOTALS	00:00	03:26	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 38 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 19
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3. Miscellaneous 206 min delay accounts for time in Phase 1 contract.

Delay of 0 mins due to traffic. Misc. 206 min delay accounts for time in Phase 1 contract, not included in total delay time.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 39 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 20	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 06/08/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		AVG LENGTH OF CUT		9000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		73 °F	
RIVER/TIDE STAGE		MIN 0.79		TIME 22:00		MAX 2.50		TIME 10:06		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 87 °F		VISIBILITY 10 MI		WIND 10 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	01:36	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	06:24	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:15	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,298		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:	00:00	06:21	0.0		
						TOTALS:	00:00	14:36	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		13,279		Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:25	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:11	0.0		
						MINOR OPERATING REPAIRS	00:00	01:15	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						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	07:33	0.0		
						TOTALS	00:00	09:24	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 40 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 20
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging on the red side of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 2 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3. Miscellaneous 453 min delay accounts for time in Phase 1 contract.

Delay of 111 mins; 25 due to weather, 11 due to traffic, 75 due to main engine. Misc. 453 min delay accounts for time in Phase 1 contract, not included in total delay time.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 41 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 21	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/09/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 29,026	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 396,683				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER 1.43					
		DENSITY OF WATER		1.0030		GMS/LITER@ 73 °F					
RIVER/TIDE STAGE		MIN -0.27	TIME 21:04	MAX 1.54	TIME 09:46	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 73 °F / 82 °F	VISIBILITY 10 MI	WIND 9 SE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13	30		EFFECTIVE WORKING TIME:							
AFT	13	30		PUMPING:	00:00	02:16	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON 05/25/2021				TO DUMP:	00:00	06:29	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:13	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	8,065	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	0	TO CUT:	00:00	08:15	0.0				
				TOTALS:	00:00	17:13	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 4	TOTAL CYS 29,026	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
				LOSS DUE TO NATURAL ELEMENTS:	00:00	02:50	0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:42	0.0				
				MINOR OPERATING REPAIRS	00:00	00:16	0.0				
				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	02:59	0.0				
				TOTALS	00:00	06:47	0.0				
				LOST TIME:							
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
				CESSATION:	00:00	00:00	0.0				
				COLLISIONS:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
				TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 42 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 21
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Miscellaneous 140 min delay accounts for time in Phase 1 contract.

Delay of 170 mins due to weather, 42 mins due to traffic, 39 mins for crew boat transfer and 16 mins for repairs loose shackles.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 43 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 22	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/10/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 21,292	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 417,975				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER		1.43			
		DENSITY OF WATER		1.0030		GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN -0.29	TIME 21:50	MAX 1.57	TIME 10:18	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 87 °F	VISIBILITY 10 MI	WIND 12 SSW MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13	30		EFFECTIVE WORKING TIME:							
AFT	13	30		PUMPING:	00:00	02:03	0.0				
DRAG DEPTH    MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	08:22	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:20	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	8,217	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	0	TO CUT:	00:00	07:41	0.0				
				TOTALS:	00:00	18:26	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 3	TOTAL CYS 21,292	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:22	0.0			
					MINOR OPERATING REPAIRS	00:00	00:12	0.0			
					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	05:00	0.0			
					TOTALS	00:00	05:34	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 44 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 22
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Miscellaneous 267 min delay accounts for time in Phase 1 contract.

Delay of 33 mins due to crew boat transfer, 12 mins for repairs on collection line valves and 22 mins for traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 45 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 23	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/11/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 4,980	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 422,955				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER		1.43			
		DENSITY OF WATER		1.0030		GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN -0.32	TIME 23:33	MAX 1.58	TIME 11:31	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 75 °F / 88 °F	VISIBILITY 10 MI	WIND 7 SSW MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	00:40	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	02:05	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:04	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,752		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	25		TO CUT:	00:00	03:21	0.0			
					TOTALS:	00:00	06:10	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
NO. OF LOADS 1		TOTAL CYS 4,980	DISPOSAL AREA Phase 3 ODMDS		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	17:50	0.0		
					TOTALS		00:00	17:50	0.0		
ATTENDANT PLANT					LOST TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
						CESSATION:		00:00	00:00	0.0	
						COLLISIONS:		00:00	00:00	0.0	
						TOTALS:		00:00	00:00	0.0	
						TOTAL TIME/MILES:		00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 46 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 23
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 1 load in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Miscellaneous 1070 min delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
Dredge Cycles and Survey schedule did not align, dredge was in the process of refueling.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 47 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 24	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/12/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 28,383	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 451,338			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43				
		DENSITY OF WATER			1.0030	GMS/LITER@	73 °F				
RIVER/TIDE STAGE		MIN	-0.32	TIME	23:33	MAX	1.58	TIME	11:31	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 91 °F	VISIBILITY 10 MI	WIND 7 WNW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	01:43	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	06:22	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	7,307		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	81		TO CUT:	00:00	08:24	0.0			
					TOTALS:	00:00	16:42	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	28,383	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:08	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	04:10	0.0			
					TOTALS	00:00	07:18	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 48 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 24
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 188 mins due to traffic.

Miscellaneous 250 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No exceedances with turbidity measurement levels on this date.

Turbidity Monitoring:  
Dredge Cycles and Survey schedule did not align, dredge was in the process of refueling.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 49 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 25	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/13/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 18,661	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 469,999				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER		1.43			
		DENSITY OF WATER		1.0030		GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN -0.35	TIME 23:59	MAX 1.56	TIME 12:10	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 91 °F	VISIBILITY 10 MI	WIND 7 WNW MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:33	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	07:05	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:14	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	5,793		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	79		TO CUT:	00:00	07:38	0.0			
					TOTALS:	00:00	17:30	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				
NO.OF LOADS 3	TOTAL CYS 18,661	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:57	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	04:33	0.0			
					TOTALS	00:00	06:30	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 50 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 25
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 117 mins due to traffic.

Miscellaneous 273 mins delay accounts for time in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

Due to thunderstorms and other foul weather in the area, a turbidity report could not be taken that would appropriately align with the dredge cycle.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 51 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 26	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/14/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 18,459	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 488,458			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43		
		DENSITY OF WATER			1.0030		GMS/LITER@		73 °F		
RIVER/TIDE STAGE		MIN	-0.31	TIME	00:20	MAX	1.51	TIME	12:49	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 68 °F / 92 °F		VISIBILITY 10 MI	WIND 6 SW MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	02:28	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	07:43	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:14	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	7,257		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	20		TO CUT:	00:00	07:30	0.0			
					TOTALS:	00:00	17:55	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			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
3	18,459	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:29	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	04:36	0.0			
					TOTALS	00:00	06:05	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 52 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 26
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 89 mins due to traffic.

Miscellaneous 276 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
A turbidity report could not be taken that would appropriately align with the dredge cycle due to off shore delays of the dredge and the Ohio River.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 53 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 27	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/15/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 30,459	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 518,917			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43				
		DENSITY OF WATER			1.0030	GMS/LITER@	82 °F				
RIVER/TIDE STAGE		MIN	-0.28	TIME	01:00	MAX	1.41	TIME	13:26	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 91 °F	VISIBILITY 10 MI	WIND 5 SW MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30			EFFECTIVE WORKING TIME:					
AFT		13	30			PUMPING:	00:00	02:25	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	08:21	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	8,202			DUMPING:	00:00	00:19	0.0		
GALLONS OF WATER CONSUMED		GAL	20			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	10:12	0.0		
						TOTALS:	00:00	21:17	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
4		30,459	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:07	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	02:36	0.0		
						TOTALS	00:00	02:43	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 54 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 27
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 7 mins due to traffic, 14 mins for calibration on draft sensors and 12 mins for flushing discharge boxes.

Miscellaneous 130 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

A turbidity report could not be taken that would appropriately align with the dredge cycle due to off shore delays of the dredge and the Ohio River.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 55 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 28	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/16/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 21,815	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 540,732			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.19	TIME	01:31	MAX	1.24	TIME	13:58	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 89 °F	VISIBILITY 10 MI	WIND 7 VAR MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30			EFFECTIVE WORKING TIME:					
AFT		13	30			PUMPING:	00:00	02:14	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	08:39	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	9,625			DUMPING:	00:00	00:18	0.0		
GALLONS OF WATER CONSUMED		GAL	500			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	09:35	0.0		
						TOTALS:	00:00	20:46	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
3		21,815	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:30	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		
ITEM		NAME OR NUMBER	H.P.	HOURS		FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:44	0.0		
						TOTALS	00:00	03:14	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 56 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 28
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 150 mins due to traffic and 44 mins for crew vessel transfer.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 57 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 29				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/17/2021						
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 18,865		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 559,597		
		AVG LENGTH OF CUT 9000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43				
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F				
RIVER/TIDE STAGE		MIN -0.03		TIME 01:49		MAX 1.01		TIME 14:09		GAGE LOCATION Fowl River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 65 °F / 89 °F		VISIBILITY 10 MI		WIND 9 VAR MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:								
AFT		13		30		PUMPING:		00:00		01:51		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON		05/25/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		06:38		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		9,625		DUMPING:		00:00		00:14		0.0		
GALLONS OF WATER CONSUMED		GAL		500		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		05:10		0.0		
						TOTALS:		00:00		13:53		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		
NO.OF LOADS 3		TOTAL CYS 18,865		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		01:24		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		
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0	
								MISCELLANEOUS		00:00		08:43		0.0
								TOTALS		00:00		10:07		0.0
								LOST TIME:						
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 58 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 29
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 84 mins due to traffic.

Miscellaneous 523 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
A turbidity report could not be taken that would appropriately align with the dredge cycle due to offshore delays of the dredge and the Ohio River.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 59 of 343			
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 30			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/18/2021					
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY							
LOCATION OF WORK		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00				DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 6,719		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 566,316			
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		9000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP			23 NM
DENSITY OF MATERIALS						1.43		GMS/LITER		1.43			
DENSITY OF WATER						1.0030		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN 0.19		TIME 01:41		MAX 0.77		TIME 11:43		GAGE LOCATION Fowl River			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 72 °F / 82 °F		VISIBILITY 10 MI		WIND 9 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
LIGHT		LOADED						AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:							
AFT		13		30		PUMPING:		00:00		00:00		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON 05/25/2021						TO DUMP:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		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		200		TO CUT:		00:00		02:10		0.0	
						TOTALS:		00:00		02:10		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		6,719		Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		20:08	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
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		01:42	0.0
								TOTALS		00:00		21:50	0.0
						LOST TIME:							
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 60 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 30
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 1 load in Phase 3 for the day and transported the dredged material to the ODMS for Phase 3.

Early in the morning, GLDD shut down dredging and went into condition three for the site in preparation for Potential Tropical Cyclone Three. Project vessels sailed to designated storage/safe harbor to be secured. Vessels destination as follows:

- DB Mackie/Ellis Island sailed to Alabama State Port Authority River Dock B
- Ohio River sailed to Kennedy Marine in Gulfport, Mississippi
- Trawler Jessica Marie sailed to Pascagoula, Mississippi

Non-Effective Working Time of 1208 mins for weather (Potential Tropical Cyclone Three)

Miscellaneous 102 mins delay accounts for time in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

Turbidity report could not be taken due to inclement weather from Potential Tropical Storm 3. Dredge was shut down during daylight hours.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 61 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 31	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/19/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 566,316			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43		
		DENSITY OF WATER			1.0030		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.39	TIME 00:32	MAX 0.82	TIME 08:50	GAGE LOCATION		Fowl River			
		MIN 0.34	TIME 18:48	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 72 °F / 81 °F	VISIBILITY 10 MI	WIND 13 - 35 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	00:00	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		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	0		TO CUT:	00:00	00:00	0.0			
					TOTALS:	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			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0			
0	0	Phase 3 ODMDS	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 ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 62 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 31
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations on this day due to Tropical Storm Claudette

GLDD continued shut down from the day before and went into condition one for the site in preparation for Tropical Storm Claudette.

Project vessels sailed to designated storage/safe harbor to be secured. Vessels destination as follows:

- DB Mackie/Ellis Island secured at Alabama State Port Authority river berth B
- Ohio river secured in Gulfport, Mississippi
- Jessica Marie secured in Pascagoula, Mississippi
- All personnel and equipment removed from Dauphin Island

24hr delay due to weather.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

Turbidity test not conducted due to Tropical Storm Claudette.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 63 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 32	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/20/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 566,316		
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	0.04	TIME	18:27	MAX	1.07	TIME	08:01	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	18:48	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 74 °F / 87 °F	VISIBILITY 10 MI	WIND 7 - 17 SSW MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			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:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS 0		TOTAL CYS 0	DISPOSAL AREA Phase 3 ODMDS	TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	10:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	14:00	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		
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	24:00	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 64 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 32
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations on this day due to Tropical Storm Claudette

Non-Effective Working Time of 600 mins due to weather and 840 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
Turbidity test not conducted due to Tropical Storm Claudette.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 65 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 33		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/21/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 25,441	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 591,757					
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER		1.43				
		DENSITY OF WATER		1.0030		GMS/LITER@		82 °F				
RIVER/TIDE STAGE		MIN -0.23	TIME 19:05	MAX 1.35	TIME 08:05	GAGE LOCATION		Fowl River				
		MIN 0.00	TIME 18:48	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 71 °F / 84 °F	VISIBILITY 10 MI	WIND 7 - 20 VAR MPH						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	03:10	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	09:16	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:13	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL		10,035	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL		500	TO CUT:	00:00	10:02	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				
NO.OF LOADS 4		TOTAL CYS 25,441	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:19	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				
					MISCELLANEOUS	00:00	00:00	0.0				
					TOTALS	00:00	01:19	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 66 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 33
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island returned to digging after being down for weather (Tropical Storm Claudette) and then traffic delay, starting up Load #88 at 0008 hrs. Dredge continued digging the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 79 mins due to traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

A turbidity report could not be taken that would appropriately align with the dredge cycle due to off-shore delays of the dredge and the Ohio River.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 67 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 34	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/22/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 20,767	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 612,524				
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER		1.43			
		DENSITY OF WATER			1.0030	GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN -0.41	TIME 19:58	MAX 1.58	TIME 08:34	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 18:48	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 71 °F / 87 °F	VISIBILITY 10 MI	WIND 3 - 9 VAR MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED			AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13	30			EFFECTIVE WORKING TIME:						
AFT	13	30			PUMPING:	00:00	02:01	0.0			
DRAG DEPTH MAX 0		MIN 0			TURNING:	00:00	00:27	0.0			
INDICATORS LAST CHECKED ON 05/25/2021					TO DUMP:	00:00	06:06	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	00:10	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,311			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	500			TO CUT:	00:00	06:47	0.0		
					TOTALS:	00:00	15:31	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 3	TOTAL CYS 20,767	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	01:15	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	02:54	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	04:20	0.0		
					TOTALS		00:00	08:29	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 68 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 34
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 174 mins due to traffic and 75 mins due to weather.

Miscellaneous 260 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 69 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 35	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/23/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 950+00 to 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 18,323	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 630,847		
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER 1.43				
		DENSITY OF WATER			1.0030		GMS/LITER@ 82 °F				
RIVER/TIDE STAGE		MIN 0.12	TIME 21:36	MAX 2.74	TIME 07:48	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 87 °F	VISIBILITY 10 MI	WIND 3-13 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13	30		EFFECTIVE WORKING TIME:							
AFT	13	30		PUMPING:	00:00	03:24	0.0				
DRAG DEPTH MAX 0 MIN 0		TURNING:	00:00	00:28	0.0						
INDICATORS LAST CHECKED ON 05/25/2021		TO DUMP:	00:00	08:54	0.0						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:14	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	6,232	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	300	TO CUT:	00:00	07:19	0.0				
		TOTALS:	00:00	20:19	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 3	TOTAL CYS 18,323	DISPOSAL AREA Phase 3 ODMDS	TOTAL CYS 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	01:06	0.0				
				MINOR OPERATING REPAIRS	00:00	00:20	0.0				
				TRANSFERRING BETWEEN WORKS	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	02:15	0.0				
				TOTALS	00:00	03:41	0.0				
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
				CESSATION:	00:00	00:00	0.0				
				COLLISIONS:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
				TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 70 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 35
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 66 mins due to traffic, 20 mins due to dredge pump repairs.

Miscellaneous 135 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 71 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 36		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/24/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 14,309	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 645,156					
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER		1.43				
		DENSITY OF WATER		1.0030		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN -0.07	TIME 21:06	MAX 2.89	TIME 09:00	GAGE LOCATION		Fowl River				
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 73 °F / 89 °F	VISIBILITY 10 MI	WIND 3-13 SW MPH						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	02:00	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:10	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	04:34	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:06	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL		6,231	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL		300	TO CUT:	00:00	05:49	0.0				
					TOTALS:	00:00	12:39	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				
NO.OF LOADS 2		TOTAL CYS 14,309	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:45	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	08:36	0.0				
					TOTALS	00:00	11:21	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 72 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 36
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 2 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 165 mins due to traffic.

Miscellaneous 516 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 73 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 37	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 06/25/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00				DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 24,337	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 669,493
		AVG LENGTH OF CUT 9000 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
		DENSITY OF WATER				1.0030				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.15		TIME 01:06		MAX 3.06		TIME 12:06		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 85 °F		VISIBILITY 10 MI		WIND 5-13 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	04:22	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:37	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	06:41	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:10	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		8,928	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		300	TO CUT:	00:00	08:11	0.0			
						TOTALS:	00:00	20:01	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 4	TOTAL CYS 24,337	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:27	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	00:32	0.0		
						TOTALS	00:00	03:59	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 74 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 37
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 207 mins due to traffic.

Miscellaneous 32 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 75 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 38		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/26/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel	REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 19,921	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 689,414					
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.43		GMS/LITER		1.43				
		DENSITY OF WATER		1.0030		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN 0.55	TIME 00:30	MAX 3.09	TIME 12:48	GAGE LOCATION		Fowl River				
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 73 °F / 87 °F	VISIBILITY 10 MI	WIND 5-15 SE MPH						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	03:21	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:45	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	08:34	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:14	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	8,610		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	350		TO CUT:	00:00	07:37	0.0				
				TOTALS:	00:00	20:31	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					
NO.OF LOADS 3	TOTAL CYS 19,921	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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				
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	03:29	0.0			
						TOTALS	00:00	03:29	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 76 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 38
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 0 mins.

Miscellaneous 209 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 77 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 39	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/27/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 22,228	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 711,642			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN 0.72	TIME 00:54	MAX 3.05	TIME 13:30	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 89 °F	VISIBILITY 10 MI	WIND 3-13 E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	03:14	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:30	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	06:21	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN		0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN		0		DUMPING:	00:00	00:10	0.0			
GALLONS OF FUEL OIL CONSUMED	GAL		8,468		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED	GAL		250		TO CUT:	00:00	07:34	0.0			
					TOTALS:	00:00	17:49	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	22,228	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:11	0.0			
					MINOR OPERATING REPAIRS	00:00	00:04	0.0			
					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	05:56	0.0			
					TOTALS	00:00	06:11	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 78 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 39
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 11 mins due to traffic, 4 mins due to minor repairs.

Miscellaneous 356 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 79 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 40		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 06/28/2021		
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY		
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1040+00				DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		AVG LENGTH OF CUT		9000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP		23 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER		1.43
		DENSITY OF WATER				1.0030				GMS/LITER@		80 °F
RIVER/TIDE STAGE		MIN 0.97		TIME 01:36		MAX 2.89		TIME 16:12		GAGE LOCATION Fowl River		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 74 °F / 89 °F		VISIBILITY 10 MI		WIND 3-20 E MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:						
AFT		13		30		PUMPING:	00:00	02:14	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:11	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	06:35	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:10	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL		6,336	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL		300	TO CUT:	00:00	06:22	0.0				
						TOTALS:	00:00	15:32	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		19,926		Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	01:51	0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:38	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			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
						MISCELLANEOUS	00:00	05:59	0.0			
						TOTALS	00:00	08:28	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 80 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 40
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 38 mins due to traffic, 111 mins due to weather, and 8 mins due to misc. delays.

Miscellaneous 351 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 81 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 41	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/29/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 19,602	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 751,170		
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43		
		DENSITY OF WATER			1.0030		GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN 1.14	TIME 02:12	MAX 2.51	TIME 14:00	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 89 °F	VISIBILITY 10 MI	WIND 3-14 E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	03:50			0.0	
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:21			0.0	
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	TO DUMP:	00:00	06:59			0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	CONNECTING:	00:00	00:00			0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		8,999	DUMPING:	00:00	00:15			0.0	
GALLONS OF WATER CONSUMED		GAL		400	DISCONNECTING:	00:00	00:00			0.0	
					TO CUT:	00:00	09:06			0.0	
					TOTALS:	00:00	20:31			0.0	
WORK PERFORMED					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		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00			0.0	
4	19,602	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00			0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:54			0.0	
					MINOR OPERATING REPAIRS	00:00	00:21			0.0	
					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	02:14			0.0	
					TOTALS	00:00	03:29			0.0	
LOST TIME:					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00			0.0	
					CESSATION:	00:00	00:00			0.0	
					COLLISIONS:	00:00	00:00			0.0	
					TOTALS:	00:00	00:00			0.0	
					TOTAL TIME/MILES:	00:00	24:00			0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 82 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 41
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 54 mins due to traffic and 21 mins due to hydraulic repairs.

Miscellaneous 134 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances with turbidity measurement levels on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 83 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 42	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/30/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		AVG LENGTH OF CUT		9000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.09	TIME	01:46	MAX	0.95	TIME	14:11	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 89 °F		VISIBILITY 10 MI		WIND 5-10 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:03	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	08:31	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:11	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,194		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:	00:00	06:58	0.0		
						TOTALS:	00:00	19:43	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		
3	17,677	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:11	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	01:06	0.0		
						TOTALS	00:00	04:17	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 84 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 42
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

GLDD submitted RFI #2, Subject: Environmental Protection, SPECS Section 01 57 19.00.7.a.4 regarding hopper load limit.

Hopper bin volume limited to 13,500 CY as instructed by the Government from load #159 (Phase 3 load #119)

Non-Effective Working Time of 191 mins due to traffic, 53 mins due to crew boat transfers and 13 mins for loading new phase 3 BD data.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No turbidity sample was taken today, survey got called off due to rough weather.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 85 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 43				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/01/2021						
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 17,801		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 786,648		
		AVG LENGTH OF CUT 9000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43				
		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN 0.30		TIME 01:02		MAX 0.71		TIME 12:02		GAGE LOCATION Fowl River				
		MIN 0.42		TIME 23:11		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 82 °F		VISIBILITY 10 MI		WIND 5-8 ENE MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:								
AFT		13		30		PUMPING:		00:00		02:15		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:26		0.0		
INDICATORS LAST CHECKED ON		05/25/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		06:48		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,727		DUMPING:		00:00		00:14		0.0		
GALLONS OF WATER CONSUMED		GAL		400		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		08:07		0.0		
						TOTALS:		00:00		17:50		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		
NO.OF LOADS 3		TOTAL CYS 17,801		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		01:28		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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0
								MISCELLANEOUS		00:00		04:42		0.0
								TOTALS		00:00		06:10		0.0
								LOST TIME:						
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 86 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 43
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 88 mins due to traffic.

Miscellaneous 282 mins delay accounts for time in Phase 1 contract

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample was taken today, boat was offshore surveying in Phase 1 all day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 87 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 44	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/02/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel				REACH DREDGED; STA TO STA STA 950+00 to STA 1082+00		DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 24,436	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 811,084
		AVG LENGTH OF CUT 9000 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 23 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
		DENSITY OF WATER				1.0030				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.35		TIME 19:44		MAX 0.79		TIME 07:55		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 87 °F		VISIBILITY 10 MI		WIND 3-9 WSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:42	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:30	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	06:47	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:11	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		7,075	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		0	TO CUT:	00:00	08:51	0.0			
						TOTALS:	00:00	19:01	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 4	TOTAL CYS 24,436	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
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	04:59	0.0		
						TOTALS	00:00	04:59	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 88 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 44
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1040+00 (AS1 - AS15). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 19 mins waiting on Padre Island.

Miscellaneous 280 mins delay accounts for time in Phase 1 contract

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity measurements on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO.	
										Page 89 of 343	
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.	
W9127821C0016 NA		Mobile Harbor Deepening Phase 3				Great Lakes Dredge & Dock Company, LLC				45	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE		07/03/2021	
DREDGE		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
Ellis Island/Douglas B. Mackie		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			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)		
		Mobile Lower Bay Channel			STA 950+00 to STA 1082+00		Phase 3 ODMDS	17,922	829,006		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		23 NM			
		9000 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	81 °F			
RIVER/TIDE STAGE		MIN	0.15	TIME	18:19	MAX	1.01	TIME	07:18	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY	WIND		
		Weather Caused No Delay				72 °F / 87 °F		10 MI	3-13 VAR MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:24	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:34	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	07:53	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	8,773			DUMPING:	00:00	00:13	0.0		
GALLONS OF WATER CONSUMED		GAL	13			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	07:39	0.0		
						TOTALS:	00:00	18:43	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
		TAKING ON FUEL AND SUPPLIES				00:00	00:00	0.0			
		DREDGING AND HAULING				AGITATING	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
3	17,922	Phase 3 ODMDS				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	05:17	0.0		
						TOTALS	00:00	05:17	0.0		
ATTENDANT PLANT						LOST TIME:					
		ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 90 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 45
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/03/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 21 mins for crew boat transfers and 3 mins for dredge computer.

Miscellaneous 293 mins delay accounts for time in Phase 1 contract

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity measurements on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 91 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 46	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/04/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1082+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 23,546	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 852,552			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43				
		DENSITY OF WATER			1.0030	GMS/LITER@	81 °F				
RIVER/TIDE STAGE		MIN	-0.02	TIME	18:30	MAX	1.21	TIME	07:24	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 87 °F	VISIBILITY 10 MI	WIND 5-12 VAR MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	03:21	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:25	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	08:27	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:10	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,105		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	185		TO CUT:	00:00	09:40	0.0			
					TOTALS:	00:00	22:03	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	23,546	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:53	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	00:04	0.0			
					TOTALS	00:00	01:57	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 92 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 46
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). Dredge completed 4 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 113 mins for traffic and 4 mins for dredge computer.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity testing on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 93 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 47	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/05/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 950+00 to STA 1082+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 11,011	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 863,563		
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	81 °F			
RIVER/TIDE STAGE		MIN	-0.15	TIME	18:58	MAX	1.36	TIME	07:45	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 85 °F		VISIBILITY 10 MI	WIND 5-10 SSE MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	01:42	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:20	0.0			
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	04:33	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,937		DUMPING:	00:00	00:11	0.0			
GALLONS OF WATER CONSUMED		GAL	57		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	05:56	0.0			
					TOTALS:	00:00	12:42	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			
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
2		11,011	Phase 3 ODMDS	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:14	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	10:04	0.0			
					TOTALS	00:00	11:18	0.0			
ATTENDANT PLANT					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 94 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 47
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). Dredge completed 2 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 74 mins for traffic.

Miscellaneous 604 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity testing on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 95 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 48	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/06/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1082+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 17,563	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 881,126			
		AVG LENGTH OF CUT 9000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43		
		DENSITY OF WATER			1.0030		GMS/LITER@		81 °F		
RIVER/TIDE STAGE		MIN -0.22	TIME 19:34	MAX 1.47	TIME 08:14	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 78 °F	VISIBILITY 10 MI	WIND 3-14 ESE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	02:41	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:29	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	07:21	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,937		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	57		DUMPING:	00:00	00:12	0.0			
WORK PERFORMED					DISCONNECTING:	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				
3	17,563	Phase 3 ODMDS	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	00:11	0.0				
				MINOR OPERATING REPAIRS	00:00	00:00	0.0				
				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	07:34	0.0			
					TOTALS	00:00	07:45	0.0			
LOST TIME:					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 96 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 48
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). Dredge completed 3 loads in Phase 3 for the day and transported the dredged material to the ODMDS for Phase 3.

Non-Effective Working Time of 11 mins for traffic.

Miscellaneous 454 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity measurements on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 97 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 49	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/07/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel			REACH DREDGED; STA TO STA STA 950+00 to STA 1082+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 16,099	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 897,225		
		AVG LENGTH OF CUT 13200 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		74 °F	
RIVER/TIDE STAGE		MIN	0.61	TIME	21:42	MAX	2.59	TIME	10:12	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 84 °F		VISIBILITY 10 MI	WIND 6-10 SE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:30	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:31	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	06:21	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:07	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	6,592		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	400		TO CUT:	00:00	07:08	0.0			
						TOTALS:	00:00	16:37	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 3	TOTAL CYS 16,099	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
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	07:23	0.0		
						TOTALS	00:00	07:23	0.0		
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 98 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 49
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island worked in Phase 1 Contract for 7.39 hrs

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 99 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 50	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/08/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay Channel		REACH DREDGED; STA TO STA STA 950+00 to STA 1082+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		AVG LENGTH OF CUT		13200 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		74 °F	
RIVER/TIDE STAGE		MIN 0.28		TIME 22:24		MAX 2.60		TIME 10:24		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 88 °F		VISIBILITY 10 MI		WIND 6-15 S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	01:35	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	04:43	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:08	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,558	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		250	TO CUT:	00:00	04:29	0.0			
						TOTALS:	00:00	10:55	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		10,865		Phase 3 ODMDS		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		
ITEM		NAME OR NUMBER		H.P.	HOURS	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 ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 100 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 50
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). The dredge completed 2 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

Delays:  
785 mins - Time in Phase 1 contract

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>



<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 102 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 51
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
140 mins - Time in Phase 1 contract  
60 mins - Clear Anchor from drag head

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 103 of 343	
CONTRACT NO. W9127821C0016 NA			CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC			REPORT NO. 52	
CHARACTER OF REPORT			<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/10/2021		
DREDGE Ellis Island/Douglas B. Mackie			HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY				
			NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
			20	2			2	7			
LOCATION OF WORK			LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 950+00 to 1082+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 6,393	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 941,426	
			AVG LENGTH OF CUT 13200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM				
CHARACTER OF MATERIAL			DENSITY OF MATERIALS			1.43		GMS/LITER		1.43	
			DENSITY OF WATER			1.0250		GMS/LITER@		84 °F	
RIVER/TIDE STAGE			MIN	0.07	TIME	22:54	MAX	2.49	TIME	11:42	
			MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	
WEATHER CONDITION			WEATHER Weather Caused No Delay			TEMP 73 °F / 84 °F		VISIBILITY 10 MI		WIND 8 NW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
			LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD			13	30		EFFECTIVE WORKING TIME:					
AFT			13	30		PUMPING:	00:00	00:51	0.0		
DRAG DEPTH			MAX 0	MIN 0		TURNING:	00:00	04:27	0.0		
INDICATORS LAST CHECKED ON			05/25/2021		TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0		CONNECTING:	00:00	00:09	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0		DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	7,648		DISCONNECTING:	00:00	03:55	0.0		
GALLONS OF WATER CONSUMED			GAL	400		TO CUT:	00:00	00:00	0.0		
						TOTALS:	00:00	09:22	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING			AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	10:30	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
1	6,393	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:23	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		
ITEM			NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
Crew Boat			Ohio River		600	12:00	MISCELLANEOUS	00:00	03:45	0.0	
Tug			Mr. Chester		1200		TOTALS	00:00	14:38	0.0	
Drag Barge			GL-150		0	24:00	LOST TIME:				
							MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
							CESSATION:	00:00	00:00	0.0	
							COLLISIONS:	00:00	00:00	0.0	
							TOTALS:	00:00	00:00	0.0	
							TOTAL TIME/MILES:	00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 104 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 52
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). The dredge completed 1 load in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
630 mins - Fueling  
225 mins - Time in Phase 1 contract

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 105 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 53	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/11/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 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)				
		Mobile Lower Bay	STA 950+00 to 1082+00		Phase 3 ODMDS	18,201	959,627				
		AVG LENGTH OF CUT 13200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER 1.85				
		DENSITY OF WATER				1.0250	GMS/LITER@ 81 °F				
RIVER/TIDE STAGE		MIN 0.15	TIME 00:00	MAX 2.31	TIME 12:06	GAGE LOCATION East Fowl River					
		MIN 0.17	TIME 23:48	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 85 °F	VISIBILITY 10 MI	WIND 7 SW MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	02:27	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	05:03	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:08	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		5,795		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		300		TO CUT:	00:00	06:00	0.0		
						TOTALS:	00:00	13:38	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
						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 3	TOTAL CYS 18,201	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:32	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
Crew Boat	Ohio River		600	12:00	MISCELLANEOUS		00:00	08:50	0.0		
Tug	Mr. Chester		1200		TOTALS		00:00	10:22	0.0		
Drag Barge	GL-150		0	24:00	LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 106 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 53
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). The dredge completed 3 load in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
92 mins - Traffic  
530 mins - Time in Phase 1 contract

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 107 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 54	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/12/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 20		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 950+00 to 1082+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 23,492	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 983,119	
		AVG LENGTH OF CUT 13200 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN	0.20	TIME	00:00	MAX	2.24	TIME	12:42	GAGE LOCATION East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 87 °F		VISIBILITY 10 MI	WIND 14 S MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:51	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	10:46	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:20	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		9,336		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	09:19	0.0		
						TOTALS:	00:00	23:16	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 4	TOTAL CYS 23,492	DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 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		
Crew Boat						OHIO RIVER	600	12:00			
Tug						MR. CHESTER	1200				
Drag Barge						GL-150	0	24:00			
						TOTALS	00:00	00:44	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 108 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 54
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1082+00 (AS1 - AS22). The dredge completed 4 load in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
19 mins - Traffic  
23 mins - Taking on stores

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 109 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 55	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/13/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 990+00 to 1082+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 16,692	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 999,811			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.44	TIME 00:42	MAX 2.42	TIME 13:24	GAGE LOCATION		East Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 69 °F / 88 °F	VISIBILITY 10 MI	WIND 8 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:12	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:38	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:44	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:15	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,041		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:	00:00	08:26	0.0		
						TOTALS:	00:00	19:15	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 3	TOTAL CYS 16,692	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	
Crew Boat		Ohio River		600	12:00	MISCELLANEOUS		00:00	04:45	0.0	
Tug		Mr. Chester		1200		TOTALS		00:00	04:45	0.0	
Drag Barge		GL-150		0	24:00	LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
						CESSATION:		00:00	00:00	0.0	
						COLLISIONS:		00:00	00:00	0.0	
						TOTALS:		00:00	00:00	0.0	
						TOTAL TIME/MILES:		00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 110 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 55
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 990+00 - 1082+00 (AS8 - AS22). The dredge completed 3 load in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
285 mins - Time attributed to digging in Phase 1 due to traffic

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 111 of 343			
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 56			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/14/2021					
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY							
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 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)					
		Mobile Lower Bay	STA 1020+00 to STA 1112+00			Phase 3 ODMDS	19,332	1,019,143					
		AVG LENGTH OF CUT 450 FT		AVG WIDTH OF CUT 9200 FT		AVG DIST TO DUMP 23 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43			
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN 0.64	TIME 00:24	MAX 2.06	TIME 13:18	GAGE LOCATION Fowl River							
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW							
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 88 °F		VISIBILITY 10 MI		WIND 3-13 SE MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:							
AFT		13		30		PUMPING:		00:00		02:16		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:13		0.0	
INDICATORS LAST CHECKED ON		05/25/2021											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		06:17		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		6,604		DUMPING:		00:00		00:13		0.0	
GALLONS OF WATER CONSUMED		GAL		0		DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		06:36		0.0	
						TOTALS:		00:00		16:35		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 3	TOTAL CYS 19,332	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	
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		07:25		0.0	
						TOTALS		00:00		07:25		0.0	
						LOST TIME:							
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 112 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 56
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:

10 mins - Crew boat transfer

435 mins - Time working in Phase 1 due to traffic

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 113 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 57	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/15/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		20	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)		
		Mobile Lower Bay			STA 1020+00 to STA 1112+00		Phase 3 ODMDS	13,522	1,032,665		
		AVG LENGTH OF CUT		450 FT		AVG WIDTH OF CUT		9200 FT		AVG DIST TO DUMP	23 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.81	TIME	00:06	MAX	1.71	TIME	15:00	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 89 °F		VISIBILITY 10 MI	WIND 3-9 S MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	01:25	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	05:23	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:09	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,161		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	49		TO CUT:	00:00	05:29	0.0			
					TOTALS:	00:00	12:26	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		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
2	13,522	Phase 3 ODMDS		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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	11:34	0.0		
						TOTALS	00:00	11:34	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 114 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 57
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 2 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
694 mins - Time working in Phase 1 due to traffic

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 115 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 58	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/16/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 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)			
		Mobile Lower Bay	STA 1020+00 to STA 1112+00			Phase 3 ODMDS	26,411	1,059,076			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER		1.43		
		DENSITY OF WATER				1.0030	GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.96	TIME 00:00	MAX 1.70	TIME 09:42	GAGE LOCATION		Fowl River			
		MIN 1.21	TIME 23:18	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 74 °F / 86 °F	VISIBILITY 10 MI	WIND 3-12 E MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:58	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	09:52	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,787		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		133		TO CUT:	00:00	07:45	0.0		
						TOTALS:	00:00	20:51	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 4	TOTAL CYS 26,411	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	00:20	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	02:49	0.0		
						TOTALS	00:00	03:09	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 116 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 58
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:

20 mins - Traffic

19 mins - Check dragarm wires

150 mins - Time working in Phase 1 due to traffic

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 117 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 59		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/17/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		20	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)					
		Mobile Lower Bay	STA 1020+00 to STA 1112+00		Phase 3 ODMDS	22,706	1,081,782					
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER 1.43					
		DENSITY OF WATER			1.0030		GMS/LITER@ 82 °F					
RIVER/TIDE STAGE		MIN 1.18	TIME 20:12	MAX 2.09	TIME 07:30	GAGE LOCATION Fowl River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 73 °F / 85 °F	VISIBILITY 10 MI	WIND 0-10 SE MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	02:57	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	08:38	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN 0		CONNECTING:	00:00	00:00	0.0					
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN 0		DUMPING:	00:00	00:16	0.0					
GALLONS OF FUEL OIL CONSUMED		GAL 0		DISCONNECTING:	00:00	00:00	0.0					
GALLONS OF WATER CONSUMED		GAL 0		TO CUT:	00:00	10:01	0.0					
				TOTALS:	00:00	21:52	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					
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:		0.0					
4	22,706	Phase 3 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES		0.0					
					MINOR OPERATING REPAIRS		0.0					
					TRANSFERRING BETWEEN WORKS		0.0					
ATTENDANT PLANT					LAY TIME:		0.0					
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		0.0					
					MISCELLANEOUS		0.0					
					TOTALS		0.0					
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS		0.0					
					CESSATION:		0.0					
					COLLISIONS:		0.0					
					TOTALS:		0.0					
					TOTAL TIME/MILES:		0.0					
							24:00		0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 118 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 59
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
128 mins - Time working in Phase 1 due to traffic

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 119 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 60		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/18/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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)					
		Mobile Lower Bay	STA 1020+00 to STA 1112+00		Phase 3 ODMDS	23,524	1,105,306					
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43					
		DENSITY OF WATER			1.0030	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN 0.74	TIME 17:24	MAX 2.00	TIME 06:06	GAGE LOCATION Fowl River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 85 °F	VISIBILITY 10 MI	WIND 0-13 S MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	03:34	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	01:18	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	08:13	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:15	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	8,549		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	88		TO CUT:	00:00	07:49	0.0				
					TOTALS:	00:00	21:09	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	23,524	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:24	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	02:27	0.0				
					TOTALS	00:00	02:51	0.0				
ATTENDANT PLANT					LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 120 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 60
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
 24 mins - Traffic  
 147 mins - Time working in Phase 1 due to traffic

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 121 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 61	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/19/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 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)			
		Mobile Lower Bay	STA 1020+00 to 1112+00			Phase 3 ODMDS	18,690	1,123,996			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER		1.43		
		DENSITY OF WATER				1.0030	GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.39	TIME 21:42	MAX 2.48	TIME 06:06	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 87 °F	VISIBILITY 10 MI	WIND 3-20 SW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:08	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	06:22	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,452		DUMPING:	00:00	00:14	0.0		
GALLONS OF WATER CONSUMED		GAL		43		DISCONNECTING:	00:00	00:00	0.0		
WORK PERFORMED					TO CUT:		00:00	08:37	0.0		
DREDGING AND HAULING					AGITATING		TOTALS:	00:00	17:21	0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		NON-EFFECTIVE WORKING TIME:			
3		18,690		Phase 3 ODMDS		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    03:11    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			
								MISCELLANEOUS			
								00:00    03:14    0.0			
								TOTALS			
								00:00    06:39    0.0			
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS			
								00:00    00:00    0.0			
								CESSATION:			
								00:00    00:00    0.0			
								COLLISIONS:			
								00:00    00:00    0.0			
								TOTALS:			
								00:00    00:00    0.0			
								TOTAL TIME/MILES:			
								00:00    24:00    0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 122 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 61
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:  
 14 mins - Traffic  
 4 mins - Crew Boat Transfer  
 191 mins - Minor Operating Repairs  
 190 mins - Time working in Phase 1 contract

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 123 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 62	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/20/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 1020+00 to 1112+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 26,013	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,150,009			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.44	TIME 19:12	MAX 2.42	TIME 08:24	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 84 °F	VISIBILITY 10 MI	WIND 0-13 SW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:57	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	09:22	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,797		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		129		TO CUT:	00:00	07:38	0.0		
						TOTALS:	00:00	20:13	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 4	TOTAL CYS 26,013	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:42	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	03:05	0.0			
					TOTALS	00:00	03:47	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 124 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 62
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Delays:

42 mins - Traffic (x3)

11 mins - Crew Boat Transfer

174 mins - Time working in Phase 1 contract

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 125 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 63	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/21/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		20	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)			
		Mobile Lower Bay		STA 1020+00 to 1112+00		Phase 3 ODMDS	18,475	1,168,484			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		23 NM			
		9200 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER		1.43		
		DENSITY OF WATER				1.0030	GMS/LITER@		82 °F		
		MIN	-0.43	TIME	20:14	MAX	1.75	TIME	08:17		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
		GAGE LOCATION				Fowl River					
		GAGE DATUM				MLLW					
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND			
		Weather Caused No Delay			72 °F / 87 °F		10 MI	3-13 SSW MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30			EFFECTIVE WORKING TIME:					
AFT		13	30			PUMPING:	00:00	02:06	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021			TO DUMP:	00:00	06:05	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	00:15	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,074			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	50			TO CUT:	00:00	07:41	0.0		
						TOTALS:	00:00	16:07	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
3		18,475	Phase 3 ODMDS	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:57	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	06:56	0.0			
					TOTALS	00:00	07:53	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 126 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 63
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 57 mins for traffic.

Miscellaneous 416 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity testing on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 127 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 64	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/22/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 1020+00 to 1112+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 18,864	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,187,348			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN -0.45	TIME 21:21	MAX 1.82	TIME 09:10	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 91 °F	VISIBILITY 10 MI	WIND 6-9 SW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:15	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:01	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	06:24	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,074		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:	00:00	06:45	0.0		
						TOTALS:	00:00	15:42	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		
NO.OF LOADS 3		TOTAL CYS 18,864	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:15	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	07:03	0.0		
						TOTALS	00:00	08:18	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 128 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 64
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1020+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3. Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 75 mins for traffic and 18 mins for crew boat transfers.

Miscellaneous 405 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances for turbidity measurements on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 129 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 65	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/23/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		20	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)		
		Mobile Lower Bay	STA 950+00 to 1112+00			Phase 3 ODMDS	23,014	1,210,362			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		23 NM			
		9200 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN	-0.41	TIME	22:27	MAX	1.81	TIME	10:04	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND			
		Weather Caused No Delay			75 °F / 92 °F		10 MI	5-10 NNW MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30			EFFECTIVE WORKING TIME:					
AFT		13	30			PUMPING:	00:00	03:17	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:14	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	09:04	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	8,628			DUMPING:	00:00	00:14	0.0		
GALLONS OF WATER CONSUMED		GAL	0			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	08:46	0.0		
						TOTALS:	00:00	21:35	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
4		23,014	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						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		
						MISCELLANEOUS	00:00	02:08	0.0		
						TOTALS	00:00	02:25	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
							CESSATION:	00:00	00:00	0.0	
							COLLISIONS:	00:00	00:00	0.0	
							TOTALS:	00:00	00:00	0.0	
							TOTAL TIME/MILES:	00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 130 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 65
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1112+00 (AS1 - AS27). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 14 mins for crew boat transfers and 17 mins for repairs on main engine.

Miscellaneous 128 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity sample taken today due to boat performing side-by-side BDs surveys with USACE all day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 131 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 67	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/24/2021	
DREDGE Dodge Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay				REACH DREDGED; STA TO STA STA 1568+00 to 1590+00				DISPOSAL AREA USE Phase 3 ODMDS	
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 500 FT		AVG DIST TO DUMP 33 NM		QTY DEPOSITED GROSS(CY) 2,736		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,736	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
		DENSITY OF WATER				1.0030				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN -0.32		TIME 23:24		MAX 1.75		TIME 10:57		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 92 °F		VISIBILITY 10 MI		WIND 5-10 ENE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	01:06	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:27	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	05:32	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:23	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,700	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	03:55	0.0			
WORK PERFORMED						TOTALS:	00:00	11:23	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
2		2,736		Phase 3 ODMDS		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	12:37	0.0
								MISCELLANEOUS	00:00	00:00	0.0
								TOTALS	00:00	12:37	0.0
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 132 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 67
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island switched contracts today and began work in Phase 3. Dredge continued dredging operations for the rest of the day digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 2 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

Miscellaneous 757 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken today. Survey boat was offshore performing ODMDS surveys all day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 133 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 66				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/24/2021						
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay			STA 950+00 to 1112+00			Phase 3 ODMDS		16,175		1,226,537		
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP						
		9200 FT			450 FT			23 NM						
DENSITY OF MATERIALS		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43				
		DENSITY OF WATER			1.0030			GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN -0.32		TIME 23:24		MAX 1.75		TIME 10:57		GAGE LOCATION Fowl River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 92 °F		VISIBILITY 10 MI		WIND 5-10 ENE MPH					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
LIGHT		LOADED						AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:								
AFT		13		30		PUMPING:		00:00		02:04		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		06:13		0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:12		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,628		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:		00:00		07:00		0.0		
WORK PERFORMED						TOTALS:		00:00		15:29		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		16,175		Phase 3 ODMDS		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		07:47		0.0
								TOTALS		00:00		08:31		0.0
ATTENDANT PLANT						LOST TIME:								
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 134 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 66
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1016+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 44 mins for repairs on generator.

Miscellaneous 467 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity sample taken today. Survey boat was offshore performing ODMS surveys all day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 135 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 68	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/25/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		20	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 950+00 to 1112+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 15,893	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,242,430		
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN	-0.03	TIME	00:01	MAX	1.62	TIME	11:46	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 89 °F	VISIBILITY 10 MI	WIND 3-9 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30			EFFECTIVE WORKING TIME:					
AFT		13	30			PUMPING:	00:00	02:39	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:44	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	06:27	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	8,628			DUMPING:	00:00	00:10	0.0		
GALLONS OF WATER CONSUMED		GAL	0			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	06:39	0.0		
						TOTALS:	00:00	16:39	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
3		15,893	Phase 3 ODMDS	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		
ITEM		NAME OR NUMBER	H.P.	HOURS		FIRE AND BOAT DRILLS:	00:00	07:21	0.0		
						MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	07:21	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 136 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 68
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1016+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Miscellaneous 441 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity sample taken today. Dredge was not in the Phase 3 dig area while the survey boat was in Phase 3 surveying.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 137 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 69	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/25/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1568+00 to 1590+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 6,840	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 9,576
		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 500 FT			AVG DIST TO DUMP 33 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN -0.03		TIME 00:01		MAX 1.62		TIME 11:46		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 89 °F		VISIBILITY 10 MI		WIND 3-9 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	01:48	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:43	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	07:58	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:36	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,653		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	07:58	0.0		
						TOTALS:	00:00	19:03	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 5	TOTAL CYS 6,840	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
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	04:57	0.0		
						TOTALS	00:00	04:57	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 138 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 69
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 5 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

Miscellaneous 297 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken today. Dredge was not in the Phase 3 dig area while the survey boat was in Phase 3 surveying.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 139 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 71	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/26/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)	
		Mobile Lower Bay		STA 1568+00 to 1590+00			Phase 3 ODMDS		6,840	16,416	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		33 NM	
		2000 FT			500 FT						
DENSITY OF MATERIALS		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43	
		DENSITY OF WATER			1.0030			GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	-0.17	TIME	00:10	MAX	1.44	TIME	12:29	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 91 °F		VISIBILITY 10 MI		WIND 3-8 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	01:46	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:44	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	07:46	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:38	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,000	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	07:12	0.0			
WORK PERFORMED						TOTALS:	00:00	18:06	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
5		6,840		Phase 3 ODMDS		0		AGITATING	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	05:54	0.0
								TOTALS	00:00	05:54	0.0
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 140 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 71
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 5 loads in Phase 3 for the day and placed the dredged material in the ODMDs for Phase 3.

Miscellaneous 354 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances for turbidity measurements on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 141 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 70	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/26/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay		REACH DREDGED; STA TO STA STA 950+00 to 1112+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 19,379	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,261,809			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN	-0.17	TIME	00:10	MAX	1.44	TIME	12:29	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 91 °F	VISIBILITY 10 MI	WIND 3-8 VAR MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:03	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:18	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	06:01	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	9,614		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	0		TO CUT:	00:00	10:21	0.0			
						TOTALS:	00:00	19:56	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 4	TOTAL CYS 19,379	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:30	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	00:34	0.0		
						TOTALS	00:00	04:04	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 142 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 70
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1016+00 - 1112+00 (AS12 - AS27). The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 210 mins for traffic.

Miscellaneous 34 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 143 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 72	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/27/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 950+00 to 1112+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 17,509	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,279,318			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER		1.43		
		DENSITY OF WATER				1.0030	GMS/LITER@		86 °F		
RIVER/TIDE STAGE		MIN 0.02	TIME 00:40	MAX 1.21	TIME 13:05	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 93 °F	VISIBILITY 10 MI	WIND 3-12 S MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED			AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD	13	30			EFFECTIVE WORKING TIME:						
AFT	13	30			PUMPING:	00:00	02:53	0.0			
DRAG DEPTH    MAX 0    MIN 0					TURNING:	00:00	00:28	0.0			
INDICATORS LAST CHECKED ON    05/25/2021					TO DUMP:	00:00	07:40	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN    0			CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN    0			DUMPING:	00:00	00:11	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL    6,726			DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL    75			TO CUT:	00:00	06:15	0.0			
					TOTALS:	00:00	17:27	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 3	TOTAL CYS 17,509	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	00:42	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	05:51	0.0			
					TOTALS	00:00	06:33	0.0			
LOST TIME:											
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 144 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 72
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1016+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 42 mins for traffic.

Miscellaneous 351 mins delay accounts for time in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No turbidity sample taken on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 145 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 73	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/27/2021	
DREDGE Dodge Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1568+00 to 1590+00				Phase 3 ODMDS		9,576	25,992
CHARACTER OF MATERIAL		AVG LENGTH OF CUT				AVG WIDTH OF CUT				AVG DIST TO DUMP	
		2000 FT				500 FT				33 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
		DENSITY OF WATER				1.0030				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.02		TIME 00:40		MAX 1.21		TIME 13:05		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 93 °F		VISIBILITY 10 MI		WIND 3-12 S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	02:26	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:37	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	09:32	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:51	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,000	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	10:25	0.0			
WORK PERFORMED						TOTALS:	00:00	23:51	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
7		9,576		Phase 3 ODMDS		0		AGITATING	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	00:09	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	00:09	0.0
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0
								CESSATION:	00:00	00:00	0.0
								COLLISIONS:	00:00	00:00	0.0
								TOTALS:	00:00	00:00	0.0
								TOTAL TIME/MILES:	00:00	24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 146 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 73
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 7 loads in Phase 3 for the day and placed the dredged material in the ODMDs for Phase 3.

Non-Effective Working Time of 9 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 147 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 74	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/28/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 950+00 to 1112+00				Phase 3 ODMDS		14,196	1,293,514
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 9200 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 23 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 86 °F	
		MIN 0.25		TIME 00:38		MAX 0.96		TIME 13:26		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.46		TIME 23:24		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 74 °F / 93 °F		VISIBILITY 10 MI		WIND 5-13 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	01:57	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	07:35	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:14	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		6,726	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		50	TO CUT:	00:00	08:02	0.0			
WORK PERFORMED						TOTALS:	00:00	17:48	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		14,196		Phase 3 ODMDS		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	00:48	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	05:17	0.0		
						TOTALS	00:00	06:12	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 148 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 74
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1016+00 - 1112+00 (AS12 - AS27). The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 48 mins for traffic and 7 mins for repairs cleaning drag head.

Miscellaneous 317 mins delay accounts for time in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity sample taken on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 149 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 75	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/28/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)	
		Mobile Lower Bay		STA 1568+00 to 1590+00			Phase 3 ODMDS		6,840	32,832	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		33 NM	
		2000 FT			500 FT						
RIVER/TIDE STAGE		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43	
		DENSITY OF WATER			1.0030			GMS/LITER@		80 °F	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			74 °F / 93 °F		10 MI		5-13 VAR MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	01:58	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:44	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	09:50	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:54	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,000	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	08:43	0.0			
					TOTALS:	00:00	22:09	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			
5	6,840	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:30	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	00:21	0.0		
						TOTALS	00:00	01:51	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 150 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 75
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 5 loads in Phase 3 for the day and placed the dredged material in the ODMDs for Phase 3.

Non-Effective Working Time of 90 mins for traffic, 19 mins for crew vessel transfers and 2 mins to clean drag heads.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity sample taken on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 151 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 77	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/29/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1568+00 to 1590+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 9,576	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 42,408
		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 500 FT			AVG DIST TO DUMP 33 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.55		TIME 21:00		MAX 0.72		TIME 12:03		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 94 °F		VISIBILITY 10 MI		WIND 3-15 SSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	02:38	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:42	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	10:39	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:56	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,835		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	08:58	0.0		
						TOTALS:	00:00	23:53	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 7	TOTAL CYS 9,576	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
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	00:07	0.0		
						TOTALS	00:00	00:07	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 152 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 77
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 7 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 4 mins for crew vessel transfers and 3 mins to clean drag heads.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 153 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 76	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/29/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay		REACH DREDGED; STA TO STA STA 950+00 to 1112+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 22,633	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,316,147			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN 0.55	TIME 21:00	MAX 0.72	TIME 12:03	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 23:24	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 94 °F	VISIBILITY 10 MI	WIND 3-15 SSW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	04:12	0.0			
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	01:12	0.0			
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	08:42	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:12	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	7,098		DISCONNECTING:	00:00	00:23	0.0			
GALLONS OF WATER CONSUMED		GAL	500		TO CUT:	00:00	07:43	0.0			
					TOTALS:	00:00	22:24	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 4	TOTAL CYS 22,633	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:36	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	01:36	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 154 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 76
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1112+00. The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 96 mins for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No turbidity sample taken on this day.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 155 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 78		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/30/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY				
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 950+00 to 1112+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 26,804		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,342,951
		AVG LENGTH OF CUT 9200 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 23 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43		
		DENSITY OF WATER				1.0030		GMS/LITER@		86 °F		
RIVER/TIDE STAGE		MIN 0.43		TIME 17:27		MAX 0.85		TIME 05:34		GAGE LOCATION Fowl River		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 76 °F / 93 °F		VISIBILITY 10 MI		WIND 3-8 W MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)
FORWARD		13		30		EFFECTIVE WORKING TIME:						
AFT		13		30		PUMPING:		00:00		04:33		0.0
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:01		0.0
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		07:05		0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:09		0.0
GALLONS OF FUEL OIL CONSUMED		GAL		7,098		DISCONNECTING:		00:00		00:00		0.0
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:		00:00		07:59		0.0
						TOTALS:		00:00		20:47		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 4	TOTAL CYS 26,804		DISPOSAL AREA Phase 3 ODMDS			TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		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
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		0.0
						MISCELLANEOUS		00:00		03:13		0.0
						TOTALS		00:00		03:13		0.0
LOST TIME:												
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
						CESSATION:		00:00		00:00		0.0
						COLLISIONS:		00:00		00:00		0.0
						TOTALS:		00:00		00:00		0.0
						TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 156 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 78
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1028+00. The dredge completed 4 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 193 mins for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity measurements on this date.

Bed leveling operations resumed after repairs at dock. Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 157 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 79		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/30/2021				
DREDGE Dodge Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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)				
		Mobile Lower Bay	STA 1568+00 to 1590+00			Phase 3 ODMDS	8,208	50,616				
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		2000 FT		AVG WIDTH OF CUT		500 FT		AVG DIST TO DUMP		33 NM
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43		
DENSITY OF WATER				1.0030		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN	0.43	TIME	17:27	MAX	0.85	TIME	05:34	GAGE LOCATION		Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 76 °F / 93 °F		VISIBILITY 10 MI		WIND 3-8 W MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		19		EFFECTIVE WORKING TIME:						
AFT		8		19		PUMPING:	00:00	02:11	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:41	0.0			
INDICATORS LAST CHECKED ON		07/12/2021				TO DUMP:	00:00	09:42	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	01:03	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	0		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	0		TO CUT:	00:00	09:05	0.0				
NON-EFFECTIVE WORKING TIME:						TOTALS:	00:00	22:42	0.0			
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			
6	8,208	Phase 3 ODMDS		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	01:18	0.0			
						TOTALS	00:00	01:18	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 158 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 79
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 6 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 68 mins for swing compass repairs and 10 mins for crew boat transfers.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity measurements on this date.

Bed leveling operations resumed after repairs at dock. Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 159 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 80	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/31/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)			
		Mobile Lower Bay	STA 950+00 to 1028+00			Phase 3 ODMDS	1,765	1,344,716			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43				
		DENSITY OF WATER			1.0030	GMS/LITER@	86 °F				
RIVER/TIDE STAGE		MIN 0.24	TIME 16:45	MAX 1.06	TIME 05:23	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 93 °F	VISIBILITY 10 MI	WIND 3-7 SW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	00:31	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	00:30	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	7,098		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DUMPING:	00:00	00:09	0.0			
NON-EFFECTIVE WORKING TIME:					DISCONNECTING:	00:00	00:00	0.0			
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			
1	1,765	Phase 3 ODMDS	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			
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	22:19	0.0			
					TOTALS	00:00	22:19	0.0			
LOST TIME:					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 160 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 80
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/31/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1028+00. The dredge completed 1 load in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

Non-Effective Working Time of 1339 mins for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No turbidity sample taken on this day.

Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 161 of 343					
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 81					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/31/2021							
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)					
		Mobile Lower Bay		STA 1568+00 to 1590+00			Phase 3 ODMDS		8,208	58,824					
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		33 NM					
		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43					
RIVER/TIDE STAGE		DENSITY OF WATER			1.0030			GMS/LITER@		80 °F					
		MIN	0.24	TIME	16:45	MAX	1.06	TIME	05:23	GAGE LOCATION Fowl River					
WEATHER CONDITION		MIN			0.00			TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
		WEATHER			Weather Caused No Delay			TEMP		76 °F / 93 °F		VISIBILITY		10 MI	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
FORWARD		8		19		EFFECTIVE WORKING TIME:									
AFT		8		19		PUMPING:	00:00	02:03	0.0						
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:46	0.0						
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	09:30	0.0								
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0							
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:39	0.0							
GALLONS OF FUEL OIL CONSUMED		GAL		0	DISCONNECTING:	00:00	00:00	0.0							
GALLONS OF WATER CONSUMED		GAL		0	TO CUT:	00:00	09:13	0.0							
WORK PERFORMED						TOTALS:	00:00	22:11	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				
6		8,208		Phase 3 ODMDS		0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
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	00:04	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	01:45	0.0						
						TOTALS	00:00	01:49	0.0						
LOST TIME:						TOTALS:	00:00	00:00	0.0						
MAJOR REPAIRS AND ALTERNATIONS						00:00	00:00	0.0							
CESSATION:						00:00	00:00	0.0							
COLLISIONS:						00:00	00:00	0.0							
TOTALS:						00:00	00:00	0.0							
TOTAL TIME/MILES:						00:00	24:00	0.0							

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 162 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 81
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/31/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 6 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 4 mins for traffic, and 4 mins for crew boat transfers.

Miscellaneous 101 mins delay accounts for time in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken on this day.

Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 163 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 83	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/01/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1568+00 to 1590+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 1,368	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 60,192
		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 500 FT			AVG DIST TO DUMP 33 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.10		TIME 17:06		MAX 1.24		TIME 05:44		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 76 °F / 93 °F		VISIBILITY 10 MI		WIND 3-7 SW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	00:32	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:01	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		0	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		0	TO CUT:	00:00	00:47	0.0			
						TOTALS:	00:00	01:20	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 1		TOTAL CYS 1,368		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	22:40	0.0		
						TOTALS	00:00	22:40	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 164 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 83
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 1568+00 - 1590+00 (AS104 - AS107). The dredge completed 1 load in Phase 3 for the day and placed the dredged material in the ODMDs for Phase 3.

Dredge went off contract for maintenance and repairs. Expected to return 10-12 days.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken on this day.

Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 165 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 82	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/01/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 950+00 to 1112+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 30,864	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,375,580			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.10	TIME 17:06	MAX 1.24	TIME 05:44	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 93 °F	VISIBILITY 10 MI	WIND 3-12 SSW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	04:49	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:45	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	08:55	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:13	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		11,411		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	09:18	0.0		
						TOTALS:	00:00	24:00	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		
NO.OF LOADS 5	TOTAL CYS 30,864	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
ATTENDANT PLANT					LAY TIME:						
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	00:00	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 166 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 82
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel dredging area between Stations 950+00 - 1112+00. The dredge completed 5 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

\*Dredge loads are restricted to 13,500 CY as per the EPA letter of concurrence dated 07/17/20.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No turbidity sample taken on this day.

Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 167 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 84		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/02/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay		REACH DREDGED; STA TO STA STA 950+00 to 1112+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,375,580				
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43				
		DENSITY OF WATER				1.0030	GMS/LITER@	86 °F				
RIVER/TIDE STAGE		MIN	-0.01	TIME	17:42	MAX	1.38	TIME	06:15		GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 90 °F	VISIBILITY 10 MI	WIND 5-17 VAR MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30			EFFECTIVE WORKING TIME:						
AFT	13		30			PUMPING:	00:00	00:00	0.0			
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON 05/25/2021						TO DUMP:	00:00	01:32	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN		0			CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN		0			DUMPING:	00:00	00:04	0.0			
GALLONS OF FUEL OIL CONSUMED	GAL		0			DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED	GAL		0			TO CUT:	00:00	02:04	0.0			
						TOTALS:	00:00	03:40	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 0	TOTAL CYS 0	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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			
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	20:20	0.0			
						TOTALS	00:00	20:20	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 168 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 84
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island went off contract for maintenance and repairs. Expected to return 2-4 days.

0 Loads Completed – 0CY – (Load 213 remains open and won't be closed out until next load begins.)

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No turbidity sample taken on this day.

Drag Barge GL150/Tug Mr. Chester continued bed leveling operations in Phase 3.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 169 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 85	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/02/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay				Phase 3 ODMDS		0	0		
		AVG LENGTH OF CUT 500 FT			AVG WIDTH OF CUT 2000 FT			AVG DIST TO DUMP 33 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN	-0.01	TIME	17:42	MAX	1.38	TIME	06:15	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 90 °F		VISIBILITY 10 MI		WIND 5-17 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		80		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/21/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		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		
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		
0	0	Phase 3 ODMDS		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 ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 170 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 85
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Upon dumping load 423 from Phase 1, Dredge Padre Island switched contracts and moved into Phase 3 and commenced digging operations. Load 1 for Phase 3 started at 2154 and continued into 8/3/21.

Miscellaneous 1314 mins delay accounts for time in Phase 3 contract.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 171 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 86				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/03/2021						
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay			STA 950+00 to STA 1030+00			Phase 3 ODMDS		3,269		3,269		
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP						
		9000 FT			450 FT			23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43				
		DENSITY OF WATER				1.0030		GMS/LITER@		86 °F				
RIVER/TIDE STAGE		MIN -0.07		TIME 18:26		MAX 1.48		TIME 06:54		GAGE LOCATION Fowl River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 87 °F		VISIBILITY 10 MI		WIND 3-9 N MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		03:21		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		05:28		0.0		
INDICATORS LAST CHECKED ON		06/21/2021				TO DUMP:		00:00		08:34		0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:27		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,618		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		05:20		0.0		
						TOTALS:		00:00		23:10		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		
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		0.0		
2		3,269		Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		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
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		00:50		0.0
								LOST TIME:						
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 172 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 86
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/03/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging clean-up work in Phase 3 from STA 950-1030 in preparation for ADs. Padre completed 2 loads in Phase 3 for the day.

Delays: Traffic (x2) - 22 mins, Clearing debris from pump - 44 mins

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 173 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 87	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/04/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 950+00 to STA 1030+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 2,538	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,807			
		AVG LENGTH OF CUT 9200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS 1.43				GMS/LITER 1.43					
		DENSITY OF WATER 1.0030				GMS/LITER@ 82 °F					
RIVER/TIDE STAGE		MIN 0.30	TIME 19:30	MAX 2.19	TIME 08:30	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 74 °F / 90 °F	VISIBILITY 10 MI	WIND 3-13 N MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	8		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	00:40	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	02:13	0.0			
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	02:41	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,187		DUMPING:	00:00	00:07	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0			
WORK PERFORMED					TO CUT:	00:00	02:49	0.0			
					TOTALS:	00:00	08:30	0.0			
DREDGING AND HAULING					NON-EFFECTIVE WORKING TIME:						
NO.OF LOADS 2	TOTAL CYS 2,538	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	15:30	0.0			
					TOTALS	00:00	15:30	0.0			
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 174 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 87
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging clean-up work in Phase 3 from STA 950-1030 in preparation for ADs. Padre completed 2 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Delays: Crew boat transfer - 37 mins

893 min misc. delay accounts for time spent in Phase 1 contract.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 175 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 89	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/05/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay	STA 1568+00 to 1590+00			Phase 3 ODMDS		1,213	7,020		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43	
		DENSITY OF WATER			1.0030			GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.34	TIME	20:54	MAX	2.31	TIME	09:06	GAGE LOCATION Fowl River East	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 89 °F		VISIBILITY 10 MI		WIND 3-10 Var MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	00:44	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:29	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	03:12	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:15	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,939		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	01:22	0.0		
						TOTALS:	00:00	06:02	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		
1	1,213	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:11	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	17:47	0.0		
						TOTALS	00:00	17:58	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 176 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 89
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island commenced dredging operations in the outbound end of Phase 3 dredging area between Stations 1568+00 and 1590+00 (AS104-107). Padre completed 1 load in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Delays: Traffic (x2) - 11 mins

Miscellaneous 1067 min delay accounts for time spent in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 177 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 88	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/05/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 1028+00 to STA 1112+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 15,112	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,390,692			
		AVG LENGTH OF CUT 8400 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER		1.43		
		DENSITY OF WATER				1.0030	GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.34	TIME 20:54	MAX 2.31	TIME 09:06	GAGE LOCATION		Fowl River East			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 70 °F / 89 °F	VISIBILITY 10 MI	WIND 3-10 Var MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:02	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:12	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	06:42	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:09	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		9,054		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:	00:00	04:39	0.0		
						TOTALS:	00:00	13:44	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		
NO.OF LOADS 3	TOTAL CYS 15,112	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:57	0.0		
						MINOR OPERATING REPAIRS	00:00	00:14	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	06:05	0.0		
						TOTALS	00:00	10:16	0.0		
					LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 178 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 88
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island resumed dredging operations digging outbound and inbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1028+00 and 1112+00. The dredge completed 3 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Delays: Traffic (x2) - 237 mins, Minor Repairs (x2) - 14 mins

Miscellaneous 149 min delay accounts for time spent in Phase 1 contract. Misc. 216 min delay accounts for time off contract for repairs.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 179 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 91		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/06/2021				
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		16	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)				
		Mobile Lower Bay	STA 1568+00 to STA 1590+00			Phase 3 ODMDS	6,192	13,212				
		AVG LENGTH OF CUT		2200 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP		30 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43				
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F				
RIVER/TIDE STAGE		MIN	0.40	TIME	21:54	MAX	2.55	TIME	10:12	GAGE LOCATION		Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM		MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 88 °F		VISIBILITY 10 MI		WIND 3-9 Var MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:						
AFT		8		20		PUMPING:	00:00	01:32	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:24	0.0				
INDICATORS LAST CHECKED ON		06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	06:14	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,486		DUMPING:	00:00	00:29	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	08:23	0.0				
					TOTALS:	00:00	17:02	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				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
4	6,192	Phase 3 ODMDS		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	06:58	0.0				
					TOTALS	00:00	06:58	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 180 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 91
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island commenced dredging operations in the outbound end of Phase 3 dredging area between Stations 1568+00 and 1590+00 (AS104-107). Padre completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Delays: Crew boat transfer - 24 mins

Miscellaneous 394 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 181 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 90	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/06/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 1028+00 to STA 1112+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 21,454	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,412,146			
		AVG LENGTH OF CUT 8400 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.40	TIME 21:54	MAX 2.55	TIME 10:12	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 88 °F	VISIBILITY 10 MI	WIND 3-9 Var MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:58	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:44	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	06:03	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:12	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,925		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	400		TO CUT:	00:00	08:03	0.0			
				TOTALS:	00:00	19:00	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				
NO.OF LOADS 4	TOTAL CYS 21,454	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:50	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	03:10	0.0			
					TOTALS	00:00	05:00	0.0			
LOST TIME:											
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 182 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 90
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1028+00 and 1112+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Delays: Traffic (x5) - 110 mins

Miscellaneous 190 min delay accounts for time spent in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 183 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 92	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/07/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1028+00 to 1112+00				Phase 3 ODMDS		10,713	1,422,859
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 8400 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 23 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 82 °F	
		MIN 0.43		TIME 22:24		MAX 2.50		TIME 11:48		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 70 °F / 90 °F		VISIBILITY 10 MI		WIND 3-8 Var MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:20	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:25	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	06:19	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:12	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,968		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		300		TO CUT:	00:00	05:25	0.0		
						TOTALS:	00:00	14:41	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		10,713		Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:38	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
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	07:41	0.0		
						TOTALS	00:00	09:19	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 184 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 92
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1028+00 and 1112+00. The dredge completed 2 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Delays: Traffic (x2) - 98 mins

Miscellaneous 461 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>



<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 186 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 93
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1040+00 and 1112+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Delays: Traffic (x3) - 54 mins

Miscellaneous 269 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 187 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 94	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 08/09/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1040+00 to STA 1112+00				Phase 3 ODMDS		19,014	1,462,168
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 7200 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 23 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 82 °F	
		MIN 0.50		TIME 23:48		MAX 2.22		TIME 12:00		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 3-17 SW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:21	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:22	0.0		
INDICATORS LAST CHECKED ON 05/25/2021						TO DUMP:	00:00	08:24	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,032		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:	00:00	08:14	0.0		
						TOTALS:	00:00	19:35	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	19,014	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:31	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	02:54	0.0		
						TOTALS	00:00	04:25	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 188 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 94
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1040+00 and 1112+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Delays: Traffic (x2) - 91 mins

Miscellaneous 174 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 189 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 95	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/09/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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)			
		Mobile Lower Bay	STA 1570+00 to STA 1590+00			Phase 3 ODMDS	6,192	19,404			
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		2000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	30 NM
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
RIVER/TIDE STAGE		DENSITY OF WATER		1.0030		GMS/LITER@		82 °F			
		MIN	0.50	TIME	23:48	MAX	2.22	TIME	12:00	GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 3-17 SW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		8	20		EFFECTIVE WORKING TIME:						
AFT		8	20		PUMPING:	00:00	00:42	0.0			
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:13	0.0				
INDICATORS LAST CHECKED ON 06/21/2021				TO DUMP:	00:00	02:58	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,444		DISCONNECTING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		TO CUT:	00:00	02:22	0.0			
				TOTALS:	00:00	06:40	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	6,192	Phase 3 ODMDS		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	17:20	0.0				
				TOTALS	00:00	17:20	0.0				
				LOST TIME:							
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
				CESSATION:	00:00	00:00	0.0				
				COLLISIONS:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
				TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 190 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 95
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1568+00 and 1590+00 (AS104-107). Padre completed 2 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Delays: None

Miscellaneous 1040 min delay accounts for time spent in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 191 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 97	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/10/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)	
		Mobile Lower Bay		STA 1570+00 to STA 1590+00			Phase 3 ODMDS		10,836	30,240	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		30 NM	
		2000 FT			450 FT						
DENSITY OF MATERIALS					1.43			GMS/LITER		1.43	
		DENSITY OF WATER			1.0030			GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.48	TIME	00:18	MAX	2.14	TIME	13:00	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 91 °F		VISIBILITY 10 MI		WIND 3-17 NW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:16	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:42	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	09:44	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:41	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,219	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	09:57	0.0			
						TOTALS:	00:00	23:20	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		
7	10,836	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:40	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	00:40	0.0		
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 192 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 97
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1568+00 and 1590+00 (AS104-107). Padre completed 7 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Delays: Traffic - 40 min

Miscellaneous 0 min delay accounts for time spent in Phase 1 contract. (No time spent in Phase 1)

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 193 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 96	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 08/10/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay				REACH DREDGED; STA TO STA STA 1040+00 to STA 1112+00		DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 15,821	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,477,989
		AVG LENGTH OF CUT 7200 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 46 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.48		TIME 00:18		MAX 2.14		TIME 13:00		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 91 °F		VISIBILITY 10 MI		WIND 3-17 NW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:40	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:09	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	09:53	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		10,966		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	08:59	0.0		
						TOTALS:	00:00	21:59	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 4		TOTAL CYS 15,821		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	01:17	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:44	0.0		
						TOTALS	00:00	02:01	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 194 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 96
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1040+00 and 1112+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Delays: Traffic (x3) - 77 mins, Draft Calibration - 42 min, Crew boat transfer - 2 min

Miscellaneous 0 min delay accounts for time spent in Phase 1 contract. (No time spent in Phase 1)

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity sampling on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 195 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 98	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/11/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay		REACH DREDGED; STA TO STA STA 1565+00 to STA 1590+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 9,288	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 39,528			
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS 1.43				GMS/LITER 1.43					
		DENSITY OF WATER 1.0030				GMS/LITER@ 82 °F					
RIVER/TIDE STAGE		MIN 0.39	TIME 23:11	MAX 1.20	TIME 12:31	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 89 °F	VISIBILITY 10 MI	WIND 3-9 SE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	8		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	02:11	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:47	0.0			
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	10:50	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,219		DUMPING:	00:00	00:52	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	09:11	0.0			
					TOTALS:	00:00	23:51	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			
NO.OF LOADS 6	TOTAL CYS 9,288	DISPOSAL AREA Phase 3 ODMDS	TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:02	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	00:07	0.0			
					TOTALS	00:00	00:09	0.0			
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER	H.P.	HOURS		MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 196 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 98
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 2 mins for traffic and 7 mins for crew boat transfers.

Miscellaneous 0 min delay accounts for time spent in Phase 1 contract. (No time spent in Phase 1)

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
Lightning in area, called All Stop, no samples taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 197 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 99	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/11/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 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)			
		Mobile Lower Bay	STA 1040+00 to STA 1142+00			Phase 3 ODMDS	18,523	1,496,512			
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER 1.43				
		DENSITY OF WATER				1.0030	GMS/LITER@ 82 °F				
RIVER/TIDE STAGE		MIN 0.39	TIME 23:11	MAX 1.20	TIME 12:31	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 89 °F	VISIBILITY 10 MI	WIND 3-9 SE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:30	0.0			
DRAG DEPTH MAX 0		MIN 0		TURNING:		00:00	00:28	0.0			
INDICATORS LAST CHECKED ON 05/25/2021				TO DUMP:		00:00	08:47	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN 0		CONNECTING:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN 0		DUMPING:		00:00	00:12	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL 9,086		DISCONNECTING:		00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL 100		TO CUT:		00:00	07:27	0.0			
				TOTALS:		00:00	20:24	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
				TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0			
				DREDGING AND HAULING							
				AGITATING							
NO.OF LOADS 4	TOTAL CYS 18,523	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	03:36	0.0			
				TOTALS		00:00	03:36	0.0			
				LOST TIME:							
				MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0			
				CESSATION:		00:00	00:00	0.0			
				COLLISIONS:		00:00	00:00	0.0			
				TOTALS:		00:00	00:00	0.0			
				TOTAL TIME/MILES:		00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 198 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 99
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1040+00 and 1142+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Miscellaneous 216 min delay accounts for time spent in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

Lightning in area, called All Stop, no samples taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 199 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 100	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/12/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
			19		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)		
		Mobile Lower Bay			STA 1082+00 to STA 1148+00		Phase 3 ODMDS	23,457	1,519,969		
		AVG LENGTH OF CUT			7200 FT		AVG WIDTH OF CUT		450 FT		
							AVG DIST TO DUMP		46 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.61	TIME	21:48	MAX	0.93	TIME	13:03		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 82 °F		VISIBILITY 10 MI	WIND 3-15 SE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	04:32	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:52	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	08:07	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:15	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		10,036		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	09:43	0.0		
						TOTALS:	00:00	23:29	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	23,457	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:03	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	00:31	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM	NAME OR NUMBER			H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 200 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 100
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 3 mins for traffic, 26 mins for calibrations and 2 mins for crew boat transfer.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No dredges in the work area during time of survey, no sample taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 201 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 101		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/12/2021				
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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)				
		Mobile Lower Bay	STA 1565+00 to STA 1590+00			Phase 3 ODMDS	9,288	48,816				
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		2000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP		30 NM
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43		
RIVER/TIDE STAGE		DENSITY OF WATER		1.0030		GMS/LITER@		82 °F				
		MIN	0.61	TIME	21:48	MAX	0.93	TIME	13:03	GAGE LOCATION		Fowl River
WEATHER CONDITION		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM		MLLW
		WEATHER Weather Caused No Delay				TEMP 72 °F / 82 °F		VISIBILITY 10 MI		WIND 3-15 SE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:						
AFT		8		20		PUMPING:	00:00	02:07	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:48	0.0			
INDICATORS LAST CHECKED ON 06/21/2021						TO DUMP:	00:00	09:24	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:41	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,720		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	09:03	0.0			
						TOTALS:	00:00	22:03	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			
6	9,288	Phase 3 ODMDS		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	01:57	0.0			
						TOTALS	00:00	01:57	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 202 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 101
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 27 mins for crew boat transfers.

Miscellaneous 90 mins delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No dredges in the work area during time of survey, no sample taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 203 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 102				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/13/2021						
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1565+00 to STA 1590+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 4,544		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 53,360		
		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 30 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43				
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F				
RIVER/TIDE STAGE		MIN 0.62		TIME 17:11		MAX 0.80		TIME 05:07		GAGE LOCATION Fowl River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 71 °F / 91 °F		VISIBILITY 10 MI		WIND 3-7 WSW MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		01:01		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:12		0.0		
INDICATORS LAST CHECKED ON		06/21/2021				TO DUMP:		00:00		04:39		0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:29		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,114		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		03:55		0.0		
						TOTALS:		00:00		10:16		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 3		TOTAL CYS 4,544		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:20		0.0		
						MINOR OPERATING REPAIRS		00:00		04:24		0.0		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0		
						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		09:00		0.0
								TOTALS		00:00		13:44		0.0
LOST TIME:														
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 204 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 102
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 20 mins for traffic, 111 mins for repairs Stbd spill deck pipe and 153 mins for repairs trunnion hoist wires.

Miscellaneous 540 mins delay accounts for time spent in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 205 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 103	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/13/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1082+00 to STA 1148+00				Phase 3 ODMDS		22,710	1,542,679
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 7200 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 46 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 82 °F	
		MIN 0.62		TIME 17:11		MAX 0.80		TIME 05:07		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 71 °F / 91 °F		VISIBILITY 10 MI		WIND 3-7 WSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:42	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:29	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	07:04	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:11	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		7,298	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		100	TO CUT:	00:00	06:11	0.0			
						TOTALS:	00:00	17:37	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		22,710		Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:29	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	05:54	0.0		
						TOTALS	00:00	06:23	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 206 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 103
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. The dredge completed 4 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 29 mins for traffic and 31 mins for crew boat transfer.

Miscellaneous 323 mins delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 207 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 105	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/14/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 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)			
		Mobile Lower Bay	STA 1082+00 to STA 1148+00			Phase 3 ODMDS	14,409	1,557,088			
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN 0.34	TIME 15:18	MAX 1.06	TIME 04:09	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 93 °F	VISIBILITY 10 MI	WIND 3-10 VAR MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:16	0.0			
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:31	0.0				
INDICATORS LAST CHECKED ON 05/25/2021				TO DUMP:	00:00	06:11	0.0				
				CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		DUMPING:	00:00	00:14	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	7,298		TO CUT:	00:00	07:12	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TOTALS:	00:00	17:24	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 3	TOTAL CYS 14,409	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	02:09	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					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	04:27	0.0	
						TOTALS		00:00	06:36	0.0	
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
						CESSATION:		00:00	00:00	0.0	
						COLLISIONS:		00:00	00:00	0.0	
						TOTALS:		00:00	00:00	0.0	
						TOTAL TIME/MILES:		00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 208 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 105
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. The dredge completed 3 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 129 mins for traffic and 27 mins for crew boat transfers.

Miscellaneous 240 mins delay accounts for time spent in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No sample taken, dredge cycles did not align with boat schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 209 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 104	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/14/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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)			
		Mobile Lower Bay	STA 1565+00 to STA 1590+00			Phase 3 ODMDS	10,836	64,196			
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		2000 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	30 NM
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
RIVER/TIDE STAGE		DENSITY OF WATER		1.0030		GMS/LITER@		82 °F			
		MIN	0.34	TIME	15:18	MAX	1.06	TIME	04:09	GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 74 °F / 93 °F		VISIBILITY 10 MI		WIND 3-10 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:33	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:49	0.0				
INDICATORS LAST CHECKED ON 06/21/2021				TO DUMP:	00:00	09:54	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:40	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,454	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	09:51	0.0				
				TOTALS:	00:00	23:47	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		
7	10,836	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:13	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	00:13	0.0		
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 210 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 104
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 7 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 13 mins for traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken, dredge cycles did not align with boat schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 211 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 106	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/15/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1565+00 to STA 1590+00				Phase 3 ODMDS		6,192	70,388
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 30 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 82 °F	
		MIN 0.10		TIME 16:04		MAX 1.32		TIME 04:30		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused Non-Critical Delay				TEMP 73 °F / 88 °F		VISIBILITY 10 MI		WIND 3-13 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	01:06	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:17	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	05:37	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:41	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,721	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	05:38	0.0			
WORK PERFORMED						TOTALS:	00:00	13:19	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		6,192		Phase 3 ODMDS		0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:	00:00	10:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
								MINOR OPERATING REPAIRS	00:00	00:13	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	00:28	0.0
								TOTALS	00:00	10:41	0.0
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0
								CESSATION:	00:00	00:00	0.0
								COLLISIONS:	00:00	00:00	0.0
								TOTALS:	00:00	00:00	0.0
								TOTAL TIME/MILES:	00:00	24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 212 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 106
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS. At 14:00, the dredge Padre Island sailed to dock in anticipation of Tropical Storm Fred.

Non-Effective Working Time of 13 mins for clearing debris from port pump, 4 mins for cleaning drag heads, 24 mins for crew boat transfers and 600 mins for weather (sailed to dock prior to Tropical Storm Fred).

**Endangered Species:**

No exceedances in turbidity on this date.

**Turbidity Monitoring:**

No sample taken, dredge cycles did not align with boat schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 213 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 107	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/15/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay				REACH DREDGED; STA TO STA STA 1082+00 to STA 1148+00		DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 15,704	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,572,792
		AVG LENGTH OF CUT 7200 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 46 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.10		TIME 16:04		MAX 1.32		TIME 04:30		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 73 °F / 88 °F		VISIBILITY 10 MI		WIND 3-13 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:07	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:24	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	03:54	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:07	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,334		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	05:55	0.0		
						TOTALS:	00:00	12:27	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 3		TOTAL CYS 15,704		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
						LOSS DUE TO NATURAL ELEMENTS:	00:00	09:50	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	01:43	0.0		
						TOTALS	00:00	11:33	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 214 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 107
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. The dredge completed 3 loads in Phase 3 for the day and disposed of all material in the Phase 3 ODMDS. At 14:10, the dredge Ellis Island sailed to dock in anticipation of Tropical Storm Fred.

Non-Effective Working Time of 590 mins for weather (sailed to dock prior to Tropical Storm Fred).

Miscellaneous 103 mins delay accounts for time spent in Phase 1 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken, dredge cycles did not align with boat schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 215 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 109	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/16/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)	
		Mobile Lower Bay		STA 1565+00 to STA 1590+00			Phase 3 ODMDS		1,548	71,936	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		30 NM	
		DENSITY OF MATERIALS						1.43	GMS/LITER		1.43
RIVER/TIDE STAGE		DENSITY OF WATER						1.0030	GMS/LITER@		82 °F
		MIN	-0.07	TIME	17:02	MAX	1.54	TIME	05:13	GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
		WEATHER			TEMP			VISIBILITY		WIND	
Weather Caused Non-Critical Delay			72 °F / 88 °F			10 MI		5-13 NNE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	00:42	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:15	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	03:13	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:14	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,022	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	01:42	0.0			
TOTALS:						00:00	06:06	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	17:54	0.0		
1	1,548	Phase 3 ODMDS		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	17:54	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 216 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 109
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107) after returning from dock at 17:54 due to Tropical Storm Fred. Padre completed 1 load in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 1074 mins for weather (sailed from dock due to Tropical Storm Fred).

**Endangered Species:**

No exceedances in turbidity on this date.

**Turbidity Monitoring:**

No sample taken, dredge cycles did not align with boat schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 217 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 108		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/16/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		19	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)					
		Mobile Lower Bay	STA 1082+00 to STA 1148+00		Phase 3 ODMDS	0	1,572,792					
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43					
		DENSITY OF WATER			1.0030	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN	-0.07	TIME	17:02	MAX	1.54	TIME	05:13	GAGE LOCATION Fowl River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay			TEMP 72 °F / 88 °F	VISIBILITY 10 MI	WIND 5-13 NNE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	13		30		EFFECTIVE WORKING TIME:							
AFT	13		30		PUMPING:	00:00	01:03	0.0				
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:14	0.0				
INDICATORS LAST CHECKED ON	05/25/2021											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	01:03	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	6,704		DUMPING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	100		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	00:00	0.0				
					TOTALS:	00:00	02:20	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				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	21:40	0.0				
0	0	Phase 3 ODMDS	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	21:40	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 218 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 108
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00 after returning from dock due to Tropical Storm Fred. No loads completed before midnight.

Non-Effective Working Time of 1300 mins for weather (sailed from dock due to Tropical Storm Fred).

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken, dredge cycles did not align with boat schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 219 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 111	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/17/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)		
		Mobile Lower Bay			STA 1082+00 to STA 1148+00		Phase 3 ODMDS	14,289	1,587,081		
		AVG LENGTH OF CUT		7200 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	46 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	-0.17	TIME	18:06	MAX	1.70	TIME	06:07	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 69 °F / 92 °F		VISIBILITY 10 MI	WIND 3-14- VAR MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	02:34	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:26	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	07:24	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,808		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	06:17	0.0			
					TOTALS:	00:00	16:54	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	14,289	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	07:06	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	07:06	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 220 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 111
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 426 for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No sample taken due to boat occupied with BD surveys.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 221 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 110	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/17/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay		REACH DREDGED; STA TO STA STA 1565+00 to STA 1590+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 12,544	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 84,480			
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.17	TIME	18:06	MAX	1.70	TIME	06:07	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 69 °F / 92 °F	VISIBILITY 10 MI	WIND 3-14 VAR MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:09	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:52	0.0		
INDICATORS LAST CHECKED ON		06/21/2021				TO DUMP:	00:00	09:25	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:36	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,179		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		TO CUT:	00:00	10:00	0.0			
						TOTALS:	00:00	23:02	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 7	TOTAL CYS 12,544	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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		
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	00:44	0.0		
						TOTALS	00:00	00:58	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 222 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 110
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 7 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 14 mins for traffic, 10 mins for cleaning the drag heads and 34 mins for crew boat transfers.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken due to boat occupied with BD surveys.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 223 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 114	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/18/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)		
		Mobile Lower Bay			STA 1082+00 to STA 1148+00		Phase 3 ODMDS	16,943	1,604,024		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		46 NM			
		7200 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.21	TIME	19:15	MAX	1.79	TIME	07:08	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 90 °F	VISIBILITY 10 MI	WIND 5-14 SSE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30	EFFECTIVE WORKING TIME:							
AFT		13	30	PUMPING:	00:00	02:37	0.0				
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:30	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	04:57	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:09	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	8,808	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	100	TO CUT:	00:00	05:25	0.0				
				TOTALS:	00:00	13:38	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				
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
3		16,943	Phase 3 ODMDS	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:50	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	08:32	0.0			
					TOTALS	00:00	10:22	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 224 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 114
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 110 for traffic.

Miscellaneous 512 min delay accounts for time spent in Phase 1 contract

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
Dredge not in the active dig area during time of survey. No sample taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 225 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 112	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/18/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)	
		Mobile Lower Bay		STA 1565+00 to STA 1590+00			Phase 3 ODMDS		10,752	95,232	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		2000 FT			450 FT			30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	-0.21	TIME	19:15	MAX	1.79	TIME	07:08	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 5-14 SSE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:07	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:27	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	10:59	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:34	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,936	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	09:07	0.0			
						TOTALS:	00:00	23:14	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			
6	10,752	Phase 3 ODMDS		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	00:46	0.0			
ATTENDANT PLANT						LOST TIME:					
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 226 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 112
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 46 mins for crew boat transfers.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
Dredge not in the active dig area during time of survey. No sample taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 227 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 113		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/18/2021				
DREDGE Dodge Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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)				
		Mobile Lower Bay	STA 1568+00 to 1590+00			Phase 3 ODMDS	1,792	61,984				
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		2000 FT		AVG WIDTH OF CUT		500 FT		AVG DIST TO DUMP		33 NM
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43		
DENSITY OF WATER				1.0030		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN	-0.21	TIME	19:15	MAX	1.79	TIME	07:08	GAGE LOCATION		Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP	75 °F / 90 °F	VISIBILITY	10 MI	WIND 5-14 SSE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD		8	19	EFFECTIVE WORKING TIME:								
AFT		8	19	PUMPING:	00:00	00:45	0.0					
DRAG DEPTH    MAX 0    MIN 0				TURNING:	00:00	00:11	0.0					
INDICATORS LAST CHECKED ON    07/12/2021				TO DUMP:	00:00	03:08	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN	0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN	0	DUMPING:	00:00	00:07	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL	3,221	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED				GAL	1,000	TO CUT:	00:00	02:04	0.0			
TOTALS:						00:00	06:15	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			
1	1,792	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:12	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	17:33	0.0			
						TOTALS	00:00	17:45	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 228 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 113
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island returned to work at 17:33 hrs after being off contract for maintenance and repairs. Dredge Dodge Island resumed dredging and continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). The dredge completed 1 load in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 12 mins for traffic and 1053 mins dredge off contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

Dredge not in the active dig area during time of survey. No sample taken.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 229 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 116	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/19/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay	STA 1565+00 to STA 1590+00			Phase 3 ODMDS		10,752	105,984		
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		2000 FT			450 FT			30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	-0.20	TIME	20:24	MAX	1.83	TIME	08:10	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 76 °F / 90 °F		VISIBILITY 10 MI		WIND 3-14 SSE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:05	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:32	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	09:53	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:40	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,857	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	10:07	0.0			
						TOTALS:	00:00	23:17	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			
6	10,752	Phase 3 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:43	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	00:43	0.0		
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 230 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 116
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 43 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 231 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 115	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/19/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		16	0			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)			
		Mobile Lower Bay	STA 1568+00 to 1590+00			Phase 3 ODMDS	12,544	74,528			
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 500 FT		AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43				
		DENSITY OF WATER			1.0030	GMS/LITER@	80 °F				
RIVER/TIDE STAGE		MIN	-0.20	TIME	20:24	MAX	1.83	TIME	08:10	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 90 °F	VISIBILITY 10 MI	WIND 3-14 SSE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	8		19		EFFECTIVE WORKING TIME:						
AFT	8		19		PUMPING:	00:00	02:23	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	07/12/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:35	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	09:09	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,300		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	00:26	0.0			
WORK PERFORMED					DISCONNECTING:	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				
7	12,544	Phase 3 ODMDS	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	01:27	0.0				
				MINOR OPERATING REPAIRS	00:00	00:00	0.0				
				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	00:16	0.0			
					TOTALS	00:00	01:43	0.0			
LOST TIME:					TOTALS:	00:00	00:00	0.0			
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 232 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 115
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). The dredge completed 7 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 87 mins for traffic and 16 mins for crew boat transfers.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 233 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 117		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/19/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		19	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)					
		Mobile Lower Bay	STA 1082+00 to STA 1148+00		Phase 3 ODMDS	9,603	1,613,627					
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43					
		DENSITY OF WATER			1.0030	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN	-0.20	TIME	20:24	MAX	1.83	TIME	08:10	GAGE LOCATION Fowl River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 90 °F	VISIBILITY 10 MI	WIND 3-14 SSE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	13		30		EFFECTIVE WORKING TIME:							
AFT	13		30		PUMPING:	00:00	01:55	0.0				
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:30	0.0				
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	07:23	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN	0			CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN	0			DUMPING:	00:00	00:15	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL	8,375			DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL	500			TO CUT:	00:00	07:08	0.0				
					TOTALS:	00:00	17:11	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				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
3	9,603	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:04	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	03:45	0.0				
					TOTALS	00:00	06:49	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 234 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 117
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 184 for traffic, 40 mins for crew boat transfers.

Miscellaneous 185 min delay accounts for time spent in Phase 1 contract

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 235 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 120	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/20/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)				
		Mobile Lower Bay	STA 1082+00 to STA 1148+00		Phase 3 ODMDS	23,752	1,637,379				
		AVG LENGTH OF CUT		7200 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	46 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43		
		DENSITY OF WATER			1.0030		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN	-0.14	TIME	21:29	MAX	1.81	TIME	09:11	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND			
		Weather Caused No Delay			73 °F / 89 °F		10 MI	3-15 VAR MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:40	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:45	0.0			
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	07:40	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,365		DUMPING:	00:00	00:15	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	08:13	0.0			
					TOTALS:	00:00	20:33	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					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	23,752	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:31	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	01:56	0.0			
					TOTALS	00:00	03:27	0.0			
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 236 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 120
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 91 for traffic.

Miscellaneous 116 min delay accounts for time spent in Phase 1 contract

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 237 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 118	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/20/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay	STA 1568+00 to 1590+00			Phase 3 ODMDS		10,752	85,280		
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 500 FT			AVG DIST TO DUMP 33 NM			
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030		GMS/LITER@		80 °F	
		MIN	-0.14	TIME	21:29	MAX	1.81	TIME	09:11	GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 73 °F / 89 °F		VISIBILITY 10 MI		WIND 3-14 VAR MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	02:46	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:28	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	09:37	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:31	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,507		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	09:18	0.0		
						TOTALS:	00:00	22:40	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		
6	10,752	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:13	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	00:28	0.0		
						TOTALS	00:00	01:20	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 238 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 118
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). The dredge completed 6 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 13 mins for traffic, 12 mins for repairs Stbd engine, 9 mins for repairs air located in raw water loop, 18 mins for repairs port gimbal hoist and 28 mins for crew boat transfers.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 239 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 119	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/20/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Lower Bay		STA 1565+00 to STA 1590+00			Phase 3 ODMDS		8,960		114,944
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		30 NM	
		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43	
RIVER/TIDE STAGE		DENSITY OF WATER			1.0030			GMS/LITER@		82 °F	
		MIN -0.14		TIME 21:29		MAX 1.81		TIME 09:11		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay			TEMP 73 °F / 89 °F		VISIBILITY 10 MI		WIND 3-15 VAR MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:		00:00		01:37 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:25 0.0	
INDICATORS LAST CHECKED ON 06/21/2021						TO DUMP:		00:00		06:37 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:19 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,903		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		06:41 0.0	
TOTALS:						00:00		15:39		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 0.0	
5		8,960		Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00 0.0	
						MINOR OPERATING REPAIRS		00:00		00:00 0.0	
						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 0.0	
						MISCELLANEOUS		00:00		07:50 0.0	
						TOTALS		00:00		08:21 0.0	
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
						CESSATION:		00:00		00:00 0.0	
						COLLISIONS:		00:00		00:00 0.0	
						TOTALS:		00:00		00:00 0.0	
						TOTAL TIME/MILES:		00:00		24:00 0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 240 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 119
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 31 mins for traffic.

Miscellaneous 470 min delay accounts for time spent in Phase 1 contract

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 241 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 121	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/21/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)			
		Mobile Lower Bay	STA 1565+00 to STA 1590+00			Phase 3 ODMDS	10,752	125,696			
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 30 NM			
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
		MIN	-0.02	TIME	22:26	MAX	1.74	TIME	10:08	GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay			TEMP 73 °F / 90 °F		VISIBILITY 10 MI		WIND 3-10 SSW MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:20	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:33	0.0		
INDICATORS LAST CHECKED ON 06/21/2021						TO DUMP:	00:00	10:38	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:27	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,105		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	09:47	0.0		
						TOTALS:	00:00	23:45	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		
6	10,752	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:15	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	00:15	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 242 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 121
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 15 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 243 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 122	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/21/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		16	0			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)			
		Mobile Lower Bay	STA 1568+00 to 1590+00			Phase 3 ODMDS	10,752	96,032			
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 500 FT		AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43				
		DENSITY OF WATER			1.0030	GMS/LITER@	80 °F				
RIVER/TIDE STAGE		MIN	-0.02	TIME	22:26	MAX	1.74	TIME	10:08	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 90 °F	VISIBILITY 10 MI	WIND 3-10 SSW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	8		19		EFFECTIVE WORKING TIME:						
AFT	8		19		PUMPING:	00:00	02:41	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	07/12/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:23	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	10:55	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,171		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	00:23	0.0			
WORK PERFORMED					DISCONNECTING:	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				
6	10,752	Phase 3 ODMDS	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	00:25	0.0				
				MINOR OPERATING REPAIRS	00:00	00:00	0.0				
				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	00:25	0.0			
LOST TIME:					TOTALS:	00:00	00:00	0.0			
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 244 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 122
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). The dredge completed 6 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 25 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 245 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 123	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/21/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay		REACH DREDGED; STA TO STA STA 1082+00 to STA 1148+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 17,845	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,655,224			
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.02	TIME	22:26	MAX	1.74	TIME	10:08	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 90 °F	VISIBILITY 10 MI	WIND 3-10 SSW MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	13		30			EFFECTIVE WORKING TIME:					
AFT	13		30			PUMPING:	00:00	03:18	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:33	0.0		
INDICATORS LAST CHECKED ON	05/25/2021					TO DUMP:	00:00	05:58	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN		0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN		0			DUMPING:	00:00	00:11	0.0		
GALLONS OF FUEL OIL CONSUMED	GAL		7,618			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED	GAL		500			TO CUT:	00:00	07:14	0.0		
						TOTALS:	00:00	17:14	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 3	TOTAL CYS 17,845	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	06:46	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	06:46	0.0		
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 246 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 123
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 406 for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 247 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 124	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/22/2021	
DREDGE Dodge Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1568+00 to 1590+00				Phase 3 ODMDS		10,752	106,784
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
		DENSITY OF WATER				1.0030				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.15		TIME 23:13		MAX 1.60		TIME 11:00		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 93 °F		VISIBILITY 10 MI		WIND 5-10 SSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	02:49	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:32	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	09:38	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:30	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,001	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	09:59	0.0			
						TOTALS:	00:00	23:28	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		
6	10,752	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:32	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	00:32	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 248 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 124
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). The dredge completed 6 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 32 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 249 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 125	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/22/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1565+00 to STA 1590+00				Phase 3 ODMDS		10,752	136,448
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 30 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 82 °F	
		MIN 0.15		TIME 23:13		MAX 1.60		TIME 11:00		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 74 °F / 93 °F		VISIBILITY 10 MI		WIND 5-10 SSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	01:46	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:12	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	07:31	0.0	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:	00:00	00:32	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,532		TO CUT:	00:00	10:47	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TOTALS:	00:00	21:48	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
6		10,752		Phase 3 ODMDS		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		
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	02:12	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 250 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 125
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00 (AS104-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 48 mins for repairs oil change and 84 mins for generator engine repairs.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 251 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 126		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/22/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		19	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)				
		Mobile Lower Bay		STA 1082+00 to STA 1148+00		Phase 3 ODMDS	11,831	1,667,055				
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP						
		7200 FT		450 FT		46 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER		1.43			
		DENSITY OF WATER			1.0030		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN	0.15	TIME	23:13	MAX	1.60	TIME	11:00			
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00			
		GAGE LOCATION			Fowl River		GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND			
		Weather Caused No Delay			74 °F / 93 °F		10 MI		5-10 SSW MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD		13	30		EFFECTIVE WORKING TIME:							
AFT		13	30		PUMPING:	00:00	01:10	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:10	0.0				
INDICATORS LAST CHECKED ON		05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	04:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,063		DUMPING:	00:00	00:03	0.0				
GALLONS OF WATER CONSUMED		GAL	500		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	02:37	0.0				
					TOTALS:	00:00	08:00	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
		TAKING ON FUEL AND SUPPLIES			00:00	12:38	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	11,831	Phase 3 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:22	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	16:00	0.0				
ATTENDANT PLANT					LOST TIME:							
		ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 252 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 126
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1148+00. Ellis completed 2 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS. Early in the morning, dredge Ellis Island went to anchorage to take on fuel.

Non-Effective Working Time of 202 for traffic and 758 mins for taking on fuel.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 253 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 127	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/23/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)			
		Mobile Lower Bay	STA 1550+00 to STA 1590+00			Phase 3 ODMDS	10,752	147,200			
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 30 NM			
		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
		MIN 0.36	TIME 23:47	MAX 1.43	TIME 11:46	GAGE LOCATION		Fowl River			
WEATHER CONDITION		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
		WEATHER Weather Caused No Delay			TEMP 73 °F / 93 °F		VISIBILITY 10 MI	WIND 3-10 WNW MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:13	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:28	0.0		
INDICATORS LAST CHECKED ON		06/21/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	10:26	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,827		DUMPING:	00:00	00:29	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	09:15	0.0		
						TOTALS:	00:00	22:51	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
6		10,752	Phase 3 ODMDS		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	00:09	0.0		
						TOTALS	00:00	01:09	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 254 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 127
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1550+00 and 1590+00 (AS101-107). Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 55 mins for repairs oil change on main engine, 9 mins for crew boat transfers and 5 mins for removing debris from draghead.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 255 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 128	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/23/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)		
		Mobile Lower Bay	STA 1545+00 to 1590+00			Phase 3 ODMDS		10,752	117,536		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43			GMS/LITER		1.43	
		DENSITY OF WATER			1.0030			GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.36	TIME	23:47	MAX	1.43	TIME	11:46	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 93 °F		VISIBILITY 10 MI		WIND 5-10 SSW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	02:27	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:19	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	09:44	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:32	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,001		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	09:46	0.0		
						TOTALS:	00:00	22:48	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		
6	10,752	Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:16	0.0		
						MINOR OPERATING REPAIRS	00:00	00:46	0.0		
						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	00:10	0.0		
						TOTALS	00:00	01:12	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 256 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 128
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1545+00 and 1590+00 (AS100-107). The dredge completed 6 loads in Phase 3 for the day and placed the dredged material in the ODMS for Phase 3.

Non-Effective Working Time of 16 mins for traffic, 10 mins for crew boat transfers and 46 mins for repairs jet pump automation system.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 257 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 129	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/23/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1082+00 to STA 1142+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 12,051	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,679,106		
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.36	TIME 23:47	MAX 1.43	TIME 11:46	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 93 °F	VISIBILITY 10 MI	WIND 3-10 WNW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	01:59	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:33	0.0			
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	06:43	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,063		DUMPING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	06:59	0.0			
					TOTALS:	00:00	16:26	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					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 3	TOTAL CYS 12,051	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	02:33	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:37	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	02:24	0.0			
					TOTALS	00:00	07:34	0.0			
ATTENDANT PLANT					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 258 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 129
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1142+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 157, 153 mins for weather and 25 mins for crew boat transfers.

Miscellaneous 119 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 259 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 131	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/24/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1566+00 to STA 1590+00				Phase 3 ODMDS		10,752	157,952
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT				AVG WIDTH OF CUT 450 FT				AVG DIST TO DUMP 30 NM	
		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 86 °F	
		MIN 0.59		TIME 23:24		MAX 1.21		TIME 12:31		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 73 °F / 94 °F		VISIBILITY 10 MI		WIND 3-10 WNW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:06	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:27	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	10:14	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:37	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,461	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	09:37	0.0			
WORK PERFORMED						TOTALS:	00:00	23:01	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
6		10,752		Phase 3 ODMDS		0		AGITATING	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	00:49	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	00:59	0.0
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0
								CESSATION:	00:00	00:00	0.0
								COLLISIONS:	00:00	00:00	0.0
								TOTALS:	00:00	00:00	0.0
								TOTAL TIME/MILES:	00:00	24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 260 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 131
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1566+00 and 1590+00. Padre completed 6 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 49 mins for traffic and 10 mins for crew boat transfers

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 261 of 343				
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 132				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/24/2021						
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1082+00 to STA 1142+00			DISPOSAL AREA USE Phase 3 ODMDS		QTY DEPOSITED GROSS(CY) 15,212		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,694,318		
		AVG LENGTH OF CUT 7200 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 46 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43				
		DENSITY OF WATER				1.0030		GMS/LITER@		86 °F				
RIVER/TIDE STAGE		MIN 0.59		TIME 23:24		MAX 1.21		TIME 12:31		GAGE LOCATION Fowl River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 94 °F		VISIBILITY 10 MI		WIND 3-10 WNW MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:								
AFT		13		30		PUMPING:		00:00		02:36		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:47		0.0		
INDICATORS LAST CHECKED ON		05/25/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		06:13		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		5,463		DUMPING:		00:00		00:11		0.0		
GALLONS OF WATER CONSUMED		GAL		300		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		06:08		0.0		
						TOTALS:		00:00		15:55		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		
NO.OF LOADS 3		TOTAL CYS 15,212		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0
								MISCELLANEOUS		00:00		08:05		0.0
								TOTALS		00:00		08:05		0.0
								LOST TIME:						
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
								CESSATION:		00:00		00:00		0.0
								COLLISIONS:		00:00		00:00		0.0
								TOTALS:		00:00		00:00		0.0
								TOTAL TIME/MILES:		00:00		24:00		0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 262 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 132
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1142+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Miscellaneous 485 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 263 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 130	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/24/2021	
DREDGE Dodge Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay				REACH DREDGED; STA TO STA STA 1554+00 to 1590+00				DISPOSAL AREA USE Phase 3 ODMDS	
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 500 FT		AVG DIST TO DUMP 33 NM		QTY DEPOSITED GROSS(CY) 12,544		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 130,080	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43				GMS/LITER 1.43	
		DENSITY OF WATER				1.0030				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.59		TIME 23:24		MAX 1.21		TIME 12:31		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 94 °F		VISIBILITY 10 MI		WIND 3-10 WNW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	02:52	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:11	0.0		
INDICATORS LAST CHECKED ON		07/12/2021				TO DUMP:	00:00	11:13	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:26	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,024		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	09:00	0.0		
						TOTALS:	00:00	23:42	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 7	TOTAL CYS 12,544	DISPOSAL AREA Phase 3 ODMDS			TOTAL CYS 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		
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	00:18	0.0		
						TOTALS	00:00	00:18	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 264 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 130
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1554+00 and 1590+00. The dredge completed 7 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

Non-Effective Working Time of 18 mins for crew boat transfers.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 265 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 133	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/25/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)	
		Mobile Lower Bay		STA 1546+00 to STA 1590+00			Phase 3 ODMDS		12,544	170,496	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP		30 NM	
		2000 FT			450 FT						
DENSITY OF MATERIALS					1.38			GMS/LITER		1.38	
		DENSITY OF WATER			1.0030			GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN	1.22	TIME	00:06	MAX	2.26	TIME	14:42	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 76 °F / 91 °F		VISIBILITY 10 MI		WIND 13 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:34	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:40	0.0		
INDICATORS LAST CHECKED ON		06/21/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	10:07	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,552		DUMPING:	00:00	00:33	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	09:17	0.0		
						TOTALS:	00:00	23:11	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
7		12,544	Phase 3 ODMDS		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		
						MISCELLANEOUS	00:00	00:30	0.0		
						TOTALS	00:00	00:49	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 266 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 133
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1546+00 and 1590+00. Padre completed 7 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 19 mins for traffic, 6 mins for crew boat transfers and 24 mins crane lift.

No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 267 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 134	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/25/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 1549+00 to 1590+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 5,376	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 135,456			
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 500 FT		AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38	GMS/LITER	1.38			
		DENSITY OF WATER				1.0030	GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN 1.22	TIME 00:06	MAX 2.26	TIME 14:42	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 91 °F	VISIBILITY 10 MI	WIND 13 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	8		19		EFFECTIVE WORKING TIME:						
AFT	8		19		PUMPING:	00:00	00:45	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	07/12/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	03:14	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,568		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	00:14	0.0			
WORK PERFORMED					DISCONNECTING:	00:00	00:00	0.0			
DREDGING AND HAULING		AGITATING		NON-EFFECTIVE WORKING TIME:							
NO.OF LOADS 3	TOTAL CYS 5,376	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	16:27	0.0			
					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	16:27	0.0			
LOST TIME:					TOTALS:	00:00	00:00	0.0			
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 268 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 134
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1549+00 and 1590+00. The dredge completed 3 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

Non-Effective Working Time of 987 mins for repairs to STBD rudder.

No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 269 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 135	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/25/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 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)		
		Mobile Lower Bay	STA 1082+00 to STA 1166+00			Phase 3 ODMDS		25,907	1,720,225		
		AVG LENGTH OF CUT 7200 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 1.22	TIME 00:06	MAX 2.26	TIME 14:42	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 91 °F		VISIBILITY 10 MI	WIND 13 SE MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	04:14	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:44	0.0			
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	07:45	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,374		DUMPING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	07:43	0.0			
					TOTALS:	00:00	20:38	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			
NO.OF LOADS 4	TOTAL CYS 25,907	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	03:22	0.0			
					TOTALS	00:00	03:22	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 270 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 135
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1082+00 and 1166+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Delays: 2 mins Crew Boat Transfer

Miscellaneous 200 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 271 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 136		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/26/2021				
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)			
		Mobile Lower Bay	STA 1546+00 to STA 1590+00			Phase 3 ODMDS		7,168	177,664			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.38			GMS/LITER		1.38		
		DENSITY OF WATER			1.0030			GMS/LITER@		87 °F		
RIVER/TIDE STAGE		MIN	1.24	TIME	09:42	MAX	2.35	TIME	21:48		GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 90 °F		VISIBILITY 10 MI		WIND 14 E MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		20		EFFECTIVE WORKING TIME:						
AFT		8		20		PUMPING:	00:00	01:11	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:28	0.0			
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	06:06	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:29	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,168		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	06:18	0.0			
						TOTALS:	00:00	14:32	0.0			
NON-EFFECTIVE WORKING TIME:												
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES	00:00	06:02	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	7,168	Phase 3 ODMDS		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	03:26	0.0			
						TOTALS	00:00	09:28	0.0			
ATTENDANT PLANT						LOST TIME:						
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 272 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 136
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued dredging operations in the outbound end of Phase 3 dredging area between Stations 1546+00 and 1590+00. Padre completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS. After completing Load #104 the dredge set sail for another project at 2030 hrs.

Non-Effective Working Time of 362 mins for fueling. Misc delay of 206 minutes accounts for sail time to next contract.

No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 273 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 137	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/26/2021			
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 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)			
		Mobile Lower Bay	n/a			Phase 3 ODMDS	0	135,456			
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT			AVG WIDTH OF CUT 500 FT			AVG DIST TO DUMP 33 NM			
		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
		MIN 1.24	TIME 09:42	MAX 2.35	TIME 21:48	GAGE LOCATION		Fowl River			
WEATHER CONDITION		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
		WEATHER Weather Caused No Delay			TEMP 74 °F / 90 °F		VISIBILITY 10 MI		WIND 14 E MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		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	0		TO CUT:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	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			
0	0	Phase 3 ODMDS		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 ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 274 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 137
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island remained in AL shipyard for repairs.  
 Non-Effective Working Time of 1440 mins for repairs to STBD rudder.  
 No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 275 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 138	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/26/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 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)			
		Mobile Lower Bay	STA 1040+00 to STA 1172+00			Phase 3 ODMDS	19,477	1,739,702			
		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38	GMS/LITER 1.38				
		DENSITY OF WATER				1.0030	GMS/LITER@ 87 °F				
RIVER/TIDE STAGE		MIN 1.24	TIME 09:42	MAX 2.35	TIME 21:48	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 90 °F	VISIBILITY 10 MI	WIND 14 E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:24	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:51	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	07:01	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN 0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN 0		DUMPING:	00:00	00:14	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL 9,503		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL 500		TO CUT:	00:00	07:29	0.0				
				TOTALS:	00:00	18:59	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				
NO.OF LOADS 3	TOTAL CYS 19,477	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	05:01	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					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	05:01	0.0	
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
						CESSATION:		00:00	00:00	0.0	
						COLLISIONS:		00:00	00:00	0.0	
						TOTALS:		00:00	00:00	0.0	
						TOTAL TIME/MILES:		00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 276 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 138
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1040+00 and 1172+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Delays: 301 mins Traffic

Endangered Species:

No incidents with endangered or protected species on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 277 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 139		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/27/2021				
DREDGE Dodge Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		16	0			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)					
		Mobile Lower Bay	n/a		Phase 3 ODMDS	0	135,456					
		AVG LENGTH OF CUT 2000 FT		AVG WIDTH OF CUT 500 FT		AVG DIST TO DUMP 33 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.38		GMS/LITER		1.38			
		DENSITY OF WATER			1.0030		GMS/LITER@		87 °F			
RIVER/TIDE STAGE		MIN 1.67	TIME 12:12	MAX 2.25	TIME 02:30	GAGE LOCATION		Fowl River				
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 83 °F	VISIBILITY 10 MI	WIND 16 SE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD		8	19		EFFECTIVE WORKING TIME:							
AFT		8	19		PUMPING:	00:00	00:00	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	00:00	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		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	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	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				
0	0	Phase 3 ODMDS		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				
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	24:00	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 278 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 139
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island remained in AL shipyard for repairs.

No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 279 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 140	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 08/27/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay				REACH DREDGED; STA TO STA STA 1040+00 to STA 1100+00				DISPOSAL AREA USE Phase 3 ODMDS	
		QTY DEPOSITED GROSS(CY) 5,624		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,745,326		AVG LENGTH OF CUT 7200 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38				GMS/LITER 1.38	
		DENSITY OF WATER				1.0030				GMS/LITER@ 87 °F	
RIVER/TIDE STAGE		MIN 1.67		TIME 12:12		MAX 2.25		TIME 02:30		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 72 °F / 83 °F		VISIBILITY 10 MI		WIND 16 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:		00:00		00:56 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:16 0.0	
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		02:14 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:11 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		6,499		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:		00:00		04:18 0.0	
						TOTALS:		00:00		07:55 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 1		TOTAL CYS 5,624		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00 00:00 0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		15:10 0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:40 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	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
								MISCELLANEOUS		00:00 00:15 0.0	
								TOTALS		00:00 16:05 0.0	
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS		00:00 00:00 0.0	
								CESSATION:		00:00 00:00 0.0	
								COLLISIONS:		00:00 00:00 0.0	
								TOTALS:		00:00 00:00 0.0	
								TOTAL TIME/MILES:		00:00 24:00 0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 280 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 140
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1040+00 and 1100+00. Ellis completed 1 load in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS. At 0850 hrs the dredge went on weather delay at the dock due to Hurricane Ida.

Delays: 40 mins Traffic, 15 mins Positioning to flush hopper twice before shutting down for storm, 910 mins Shut down at dock for Hurricane Ida

**Endangered Species:**

No incidents with endangered or protected species on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 281 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 141	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/28/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)			
		N/A		N/A		N/A	0	1,745,326			
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT		AVG DIST TO DUMP	0 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0	GMS/LITER	0			
		DENSITY OF WATER				0	GMS/LITER@	0 °F			
RIVER/TIDE STAGE		MIN	1.61	TIME	14:48	MAX	2.49	TIME	04:24	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 73 °F / 87 °F		VISIBILITY 10 MI	WIND 10 E MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		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	0		TO CUT:	00:00	00:00	0.0			
						TOTALS:	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		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0		
0	0	Phase 3 ODMDS		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 ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 282 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 141
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island at dock all day due to Hurricane Ida.

Delays: 1440 mins Shut down at dock for Hurricane Ida

Endangered Species:  
No incidents with endangered or protected species on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 283 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 142	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/29/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		N/A		N/A			N/A		0		1,745,326
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		0 FT			0 FT			0 NM			
RIVER/TIDE STAGE		DENSITY OF MATERIALS			0			GMS/LITER		0	
		DENSITY OF WATER			0			GMS/LITER@		0 °F	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused Critical Delay			72 °F / 79 °F		10 MI		24 E MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON 05/25/2021						TO DUMP:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		0		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:		00:00		00:00	
WORK PERFORMED						TOTALS:		00:00		00:00	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		AGITATING		TAKING ON FUEL AND SUPPLIES		00:00	
0		0		Phase 3 ODMDS		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						0		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	
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS		00:00	
								CESSATION:		00:00	
								COLLISIONS:		00:00	
								TOTALS:		00:00	
								TOTAL TIME/MILES:		00:00	
										24:00	
										0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 284 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 142
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island at dock all day due to Hurricane Ida.

Delays: 1440 mins Shut down at dock for Hurricane Ida

Endangered Species:  
No incidents with endangered or protected species on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 285 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 143	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/30/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)			
		N/A		N/A		N/A	0	1,745,326			
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT			
						AVG DIST TO DUMP		0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0	GMS/LITER	0			
		DENSITY OF WATER				0	GMS/LITER@	0 °F			
RIVER/TIDE STAGE		MIN	2.71	TIME	19:54	MAX	4.54	TIME	04:06		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
						GAGE LOCATION	Fowl River				
						GAGE DATUM	MLLW				
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 73 °F / 80 °F	VISIBILITY 2 MI	WIND 30 S MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		05/25/2021			TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		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	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	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			
0	0	Phase 3 ODMDS		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			
Survey Boat	Ohio River	600	00:00		MISCELLANEOUS	00:00	00:00	0.0			
Crew Boat	Miss Judy Ewest	600			TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 286 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 143
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island at dock all day due to Hurricane Ida.  
 Delays: 1440 mins Shut down at dock for Hurricane Ida  
 Endangered Species:  
 No incidents with endangered or protected species on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 287 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 144	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/31/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)		
		N/A			N/A		N/A	0	1,745,326		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		0 FT	0 FT	0 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0	GMS/LITER	0			
		DENSITY OF WATER				0	GMS/LITER@	0 °F			
RIVER/TIDE STAGE		MIN	1.35	TIME	19:42	MAX	3.70	TIME	07:00	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 73 °F / 90 °F	VISIBILITY 2 MI	WIND 23 S MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	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	0	TO CUT:	00:00	00:00	0.0				
				TOTALS:	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		
NO. OF LOADS		0	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0		
		0	0	Phase 3 ODMDS	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:00	0.0		
Survey Boat		Ohio River		600	00:00	TOTALS	00:00	24:00	0.0		
Crew Boat		Miss Judy Ewest		600		LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 288 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 144
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/31/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island at dock due to Hurricane Ida. Dredge departed dock around 2200 hrs to resume operations in Phase 3.

Delays: 1440 mins Weather

Endangered Species:

No incidents with endangered or protected species on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 289 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 146	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/01/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
			19	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)				
		Mobile Lower Bay	STA 1094+00 to STA 1166+00		Phase 3 ODMDS	32,407	1,777,733				
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43		GMS/LITER 1.43				
		DENSITY OF WATER			1.0030		GMS/LITER@ 87 °F				
RIVER/TIDE STAGE		MIN 0.12	TIME 17:51	MAX 1.59	TIME 06:01	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 73 °F / 93 °F	VISIBILITY 10 MI	WIND 5-10 SW MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13	30		EFFECTIVE WORKING TIME:							
AFT	13	30		PUMPING:	00:00	04:53	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:41	0.0				
INDICATORS LAST CHECKED ON 05/25/2021				TO DUMP:	00:00	08:24	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:15	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	9,131	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	50	TO CUT:	00:00	09:01	0.0				
				TOTALS:	00:00	23:14	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		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
5	32,407	Phase 3 ODMDS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:41	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	00:46	0.0				
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
				CESSATION:	00:00	00:00	0.0				
				COLLISIONS:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
				TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 290 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 146
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 and 1166+00. Ellis completed 3 loads in Phase 5 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 41 mins for traffic and 5 mins for crew boat transfer.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No sample taken, Dredge Operations did not line up with survey schedule.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 291 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 145	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 09/01/2021	
DREDGE Dodge Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1580+00 to 1590+00				Phase 3 ODMDS		3,584	139,040
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 2000 FT				AVG WIDTH OF CUT 500 FT				AVG DIST TO DUMP 33 NM	
		DENSITY OF MATERIALS				1.38				GMS/LITER 1.38	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0030				GMS/LITER@ 87 °F	
		MIN 0.12		TIME 17:51		MAX 1.59		TIME 06:01		GAGE LOCATION Fowl River	
WEATHER CONDITION		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
		WEATHER Weather Caused No Delay				TEMP 73 °F / 93 °F		VISIBILITY 10 MI		WIND 5-10 SW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	01:06	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:54	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	04:53	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:14	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,000	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	03:08	0.0			
WORK PERFORMED						TOTALS:	00:00	10:15	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
2		3,584		Phase 3 ODMDS		0		AGITATING	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	00:08	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	13:37	0.0
								TOTALS	00:00	13:45	0.0
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0
								CESSATION:	00:00	00:00	0.0
								COLLISIONS:	00:00	00:00	0.0
								TOTALS:	00:00	00:00	0.0
								TOTAL TIME/MILES:	00:00	24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 292 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 145
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 09/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island returned to digging at 13:04 after being at dock for repairs to continue dredging operations in the outbound end of Phase 3 dredging area between Stations 1580+00 and 1590+00. The dredge completed 2 loads in Phase 3 for the day and placed the dredged material in the ODMDS for Phase 3.

Non-Effective Working Time of 784 mins for at dock for repairs, 8 mins for traffic, 10 mins for dredge computer and 23 mins for cleaning hopper in preparation for sail.

No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 293 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 147	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/02/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA STA 1094+00 to STA 1166+00		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 19,087	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,796,820		
		AVG LENGTH OF CUT 6600 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN	0.10	TIME	18:47	MAX	1.63	TIME	06:59	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 89 °F		VISIBILITY 10 MI		WIND 3-8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:12	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:17	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:55	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:13	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,075		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		50		TO CUT:	00:00	06:37	0.0		
						TOTALS:					
						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 3	TOTAL CYS 19,087	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	05:33	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	05:46	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 294 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 147
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 and 1166+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 333 mins for traffic and 13 mins for resetting dredge computer.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 295 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 148	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 09/02/2021	
DREDGE Dodge Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 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)
		Mobile Lower Bay		STA 1580+00 to 1590+00				Phase 3 ODMDS		1,792	140,832
CHARACTER OF MATERIAL		AVG LENGTH OF CUT				AVG WIDTH OF CUT				AVG DIST TO DUMP	
		2000 FT				500 FT				33 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38				GMS/LITER 1.38	
		DENSITY OF WATER				1.0030				GMS/LITER@ 87 °F	
RIVER/TIDE STAGE		MIN 0.10		TIME 18:47		MAX 1.63		TIME 06:59		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 89 °F		VISIBILITY 10 MI		WIND 3-8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		8		19		EFFECTIVE WORKING TIME:					
AFT		8		19		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/12/2021				TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		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		1,981		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	01:35	0.0		
						TOTALS:	00:00	01:35	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		
1	1,792	Phase 3 ODMDS		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	22:25	0.0		
						TOTALS	00:00	22:25	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 296 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 148
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 09/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island completed dredging operations for Phase 3 on this day early in the morning. Dredge finished disposing the last load, cleaned out the hopper in preparation for sail and went off contract at 03:20. Dredge

Non-Effective Working Time of 105 mins cleaning hopper in preparation for sail, 1240 mins dredge off contract.

No incidents involving protected species.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 297 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 149	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/03/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA STA 1094+00 to STA 1166+00			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 27,340	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,824,160			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.09	TIME 19:38	MAX 1.66	TIME 07:56	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 90 °F	VISIBILITY 10 MI	WIND 3-8 NNE MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:		00:00	03:58	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:33	0.0	
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00	08:18	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:20	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		5,000		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		50		TO CUT:		00:00	06:35	0.0	
						TOTALS:		00:00	19:44	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 4	TOTAL CYS 27,340	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	04:16	0.0	
						MINOR OPERATING REPAIRS		00:00	00:00	0.0	
						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	04:16	0.0	
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
						CESSATION:		00:00	00:00	0.0	
						COLLISIONS:		00:00	00:00	0.0	
						TOTALS:		00:00	00:00	0.0	
						TOTAL TIME/MILES:		00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 298 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 149
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/03/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 and 1166+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 256 mins for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No sample today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 299 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 150	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/04/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)		
		Mobile Lower Bay			STA 1094+00 to STA 1166+00		Phase 3 ODMDS	26,500	1,850,660		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		46 NM			
		6600 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.12	TIME	20:24	MAX	1.67	TIME	08:48	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 89 °F	VISIBILITY 10 MI	WIND 5-14 ENE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:45	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:33	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	06:24	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	8,624			DUMPING:	00:00	00:10	0.0		
GALLONS OF WATER CONSUMED		GAL	100			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	07:42	0.0		
						TOTALS:	00:00	18:34	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
4		26,500	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	04:43	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	00:43	0.0		
						TOTALS	00:00	05:26	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 300 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 150
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 and 1166+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 283 mins for traffic, 27 mins for 43 mins for computer system restart.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

The cycle time of the Ellis Island did not line up with the time the Miss Judy was conducting survey.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 301 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 151	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/05/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	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)		
		Mobile Lower Bay			STA 1094+00 to STA 1166+00		Phase 3 ODMDS	18,684	1,869,344		
		AVG LENGTH OF CUT		6600 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP	46 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER	1.43		
		DENSITY OF WATER				1.0030		GMS/LITER@	87 °F		
RIVER/TIDE STAGE		MIN	0.20	TIME	21:03	MAX	1.63	TIME	09:38	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 87 °F		VISIBILITY 10 MI	WIND 5-10 SSE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:04	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:27	0.0				
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	06:46	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	8,928	DUMPING:	00:00	00:13	0.0				
GALLONS OF WATER CONSUMED		GAL	100	DISCONNECTING:	00:00	00:00	0.0				
				TO CUT:	00:00	07:03	0.0				
				TOTALS:	00:00	17:33	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				
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
3		18,684	Phase 3 ODMDS	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:31	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	03:56	0.0			
					TOTALS	00:00	06:27	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 302 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 151
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 and 1166+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 151 mins for traffic.

Miscellaneous 236 min delay accounts for time spent in Phase 1 contract.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

The cycle time of the Ellis Island did not line up with the time the Miss Judy was conducting survey.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 303 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 152	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/06/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
			19		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)		
		Mobile Lower Bay			STA 1094+00 to STA 1166+00		Phase 3 ODMDS	25,230	1,894,574		
		AVG LENGTH OF CUT		6600 FT		AVG WIDTH OF CUT		450 FT			
								AVG DIST TO DUMP			
								46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN	0.34	TIME	21:35	MAX	1.53	TIME	10:27	GAGE LOCATION Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 87 °F		VISIBILITY 10 MI	WIND 5-10 SSE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:51	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:48	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:49	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,928		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	07:56	0.0		
						TOTALS:	00:00	20:38	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		
NO.OF LOADS		TOTAL CYS <td colspan="2">DISPOSAL AREA <td colspan="1">TOTAL CYS <td colspan="1">LOSS DUE TO NATURAL ELEMENTS:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td> </td></td>	DISPOSAL AREA <td colspan="1">TOTAL CYS <td colspan="1">LOSS DUE TO NATURAL ELEMENTS:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td> </td>		TOTAL CYS <td colspan="1">LOSS DUE TO NATURAL ELEMENTS:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td>	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
4		25,230	Phase 3 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	03:14	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		
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	03:22	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 304 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 152
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 and 1166+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 194 mins for traffic and 8 mins for main engine repairs

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

The Ellis was not in the dig area during the time of survey, no sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 305 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 153	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/07/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 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)	
		Mobile Lower Bay		1142+00 to 1172+00, 1544+00 to 1590+00			Phase 3 ODMDS		33,329	1,927,903	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		6600 FT			450 FT			46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN	0.56	TIME	21:49	MAX	1.37	TIME	11:20	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 88 °F		VISIBILITY 10 MI	WIND 3-12 SSE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:59	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:38	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	08:41	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:15	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		8,277	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		50	TO CUT:	00:00	07:30	0.0			
						TOTALS:	00:00	22:03	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 5	TOTAL CYS 33,329	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:57	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	01:57	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 306 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 153
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1142+00 to 1172+00 and 1544+00 to 1590+00. Ellis completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 117 mins for traffic.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

The Ellis was not in the dig area during the time of survey, no sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 307 of 343		
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 154		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/08/2021				
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		19	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)					
		Mobile Lower Bay	1094+00 to 1166+00, 1544+00 to 1568+00		Phase 3 ODMDS	34,077	1,961,980					
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.43	GMS/LITER	1.43					
		DENSITY OF WATER			1.0030	GMS/LITER@	87 °F					
RIVER/TIDE STAGE		MIN 0.80	TIME 20:48	MAX 1.14	TIME 12:28	GAGE LOCATION Fowl River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 82 °F	VISIBILITY 10 MI	WIND 3-12 SSE MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	13		30		EFFECTIVE WORKING TIME:							
AFT	13		30		PUMPING:	00:00	04:26	0.0				
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	03:00	0.0				
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	08:12	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN	0			CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN	0			DUMPING:	00:00	00:17	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL	9,451			DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL	500			TO CUT:	00:00	07:15	0.0				
					TOTALS:	00:00	23:10	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				
5	34,077	Phase 3 ODMDS	0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:50	0.0				
					MINOR OPERATING REPAIRS	00:00	00:00	0.0				
					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	00:50	0.0				
LOST TIME:					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 308 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 154
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 to 1166+00, 1544+00 to 1568+00. Ellis completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 50 mins for traffic.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 309 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 155	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/09/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 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)
		Mobile Lower Bay		1094+00 to 1172+00, 1046+00 to 1070+00			Phase 3 ODMDS		19,453	1,981,433	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		6600 FT			450 FT			46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.74		TIME 07:28		MAX 0.85		TIME 01:19		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 66 °F / 86 °F		VISIBILITY 10 MI		WIND 3-14 NNW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:16	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:03	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:15	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:13	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,149		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	05:37	0.0		
						TOTALS:	00:00	17:24	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 3	TOTAL CYS 19,453	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:58	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						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	03:38	0.0		
						TOTALS	00:00	06:36	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 310 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 155
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 to 1172+00, 1046+00 to 1070+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 178 mins for traffic.

Miscellaneous 218 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 311 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 156	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/10/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 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)
		Mobile Lower Bay		1094+00 to 1166+00, 1544+00 to 1590+00			Phase 3 ODMDS		29,093		2,010,526
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		6600 FT			450 FT			46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.55		TIME 11:05		MAX 1.13		TIME 01:00		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 62 °F / 84 °F		VISIBILITY 10 MI		WIND 3-12 NNW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:15	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:44	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	05:07	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:10	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,779		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:	00:00	06:27	0.0		
						TOTALS:	00:00	15:43	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 4		TOTAL CYS 29,093		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	00:34	0.0		
						MINOR OPERATING REPAIRS	00:00	00:27	0.0		
						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	07:16	0.0		
						TOTALS	00:00	08:17	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 312 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 156
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 to 1172+00, 1046+00 to 1070+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 34 mins for traffic, 26 mins for gland pumps repairs and 176 mins for verifying fiber optic cables.

Miscellaneous 260 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 313 of 343			
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 157			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/11/2021					
DREDGE		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY							
Ellis Island/Douglas B. Mackie		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
		19		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)	
		Mobile Lower Bay		1094+00 to 1166+00, 1544+00 to 1568+00				Phase 3 ODMDS		23,741		2,034,267	
		AVG LENGTH OF CUT		6600 FT		AVG WIDTH OF CUT		450 FT		AVG DIST TO DUMP		46 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43			
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F			
RIVER/TIDE STAGE		MIN 0.33		TIME 12:56		MAX 1.39		TIME 01:34		GAGE LOCATION Fowl River			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER				TEMP <th colspan="2">VISIBILITY</th> <th colspan="2">WIND</th>		VISIBILITY		WIND			
		Weather Caused No Delay				62 °F / 84 °F		10 MI		3-12 NNW MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:							
AFT		13		30		PUMPING:		00:00		03:39		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:02		0.0	
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		07:23		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:13		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		6,779		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:		00:00		06:03		0.0	
						TOTALS:		00:00		18:20		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	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
3		23,741		Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:20	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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
								MISCELLANEOUS		00:00		05:20	0.0
								TOTALS		00:00		05:40	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 314 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 157
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 to 1166+00, 1544+00 to 1568+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 20 mins for traffic.

Miscellaneous 320 min delay accounts for time spent in Phase 1 contract.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 315 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 158	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/12/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 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)			
		Mobile Lower Bay	1094+00 to 1166+00, 1544+00 to 1568+00			Phase 3 ODMDS	30,733	2,065,000			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN 0.16	TIME 14:16	MAX 1.61	TIME 02:22	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 71 °F / 86 °F	VISIBILITY 10 MI	WIND 5-16 VAR MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	04:23	0.0			
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:29	0.0				
INDICATORS LAST CHECKED ON 05/25/2021				TO DUMP:	00:00	09:07	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:16	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	9,284		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	500		TO CUT:	00:00	09:07	0.0			
				TOTALS:	00:00	23:22	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				
NO.OF LOADS 5	TOTAL CYS 30,733	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
				LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:20	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	00:18	0.0			
				TOTALS		00:00	00:38	0.0			
				LOST TIME:							
				MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0			
				CESSATION:		00:00	00:00	0.0			
				COLLISIONS:		00:00	00:00	0.0			
				TOTALS:		00:00	00:00	0.0			
				TOTAL TIME/MILES:		00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 316 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 158
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 to 1166+00, 1544+00 to 1568+00. Ellis completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 20 mins for traffic and 18 mins for crew boat transfers.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 317 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 159	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/13/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 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)			
		Mobile Lower Bay	1544+00 to 1568+00			Phase 3 ODMDS	22,803	2,087,803			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43	GMS/LITER	1.43			
		DENSITY OF WATER				1.0030	GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN 0.05	TIME 15:31	MAX 1.75	TIME 03:20	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 84 °F	VISIBILITY 10 MI	WIND 3-14 E MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	01:24	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:19	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	06:22	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:11	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,686		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	03:42	0.0		
						TOTALS:	00:00	11:58	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
						TAKING ON FUEL AND SUPPLIES	00:00	11:03	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS 3	TOTAL CYS 22,803	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:59	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
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	12:02	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 318 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 159
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1544+00 to 1568+00. Ellis completed 3 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time of 59 mins for traffic and 663 mins for taking on fuel.

Endangered Species:  
No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
No sample taken today.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 319 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 160	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/14/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 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)
		Mobile Lower Bay		1094+00 to 1166+00 & 1046+00 to 1052+00			Phase 3 ODMDS		27,908		2,115,711
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		6600 FT			450 FT			46 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.43		GMS/LITER		1.43	
		DENSITY OF WATER				1.0030		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 16:46		MAX 1.83		TIME 04:26		GAGE LOCATION Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 79 °F		VISIBILITY 10 MI		WIND 3-9 ENE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED						AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:05	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:51	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:47	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:13	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,724		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	08:30	0.0		
						TOTALS:	00:00	21:26	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 4		TOTAL CYS 27,908		DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	02:22	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:12	0.0		
						TOTALS	00:00	02:34	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 320 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 160
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between Stations 1094+00 to 1166+00 & 1046+00 to 1052+00. Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMS.

Non-Effective Working Time of 142 mins for traffic and 12 mins for crew boat transfers.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances in turbidity on this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE							PAGE NO. Page 321 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 161	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK					DATE 09/15/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY		
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		19	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA AS28-37 (STA 1112+00 to 1118+00) & AS94-103 (STA 1508+00 to 1568+00)	DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 33,507	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,149,218
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.38		GMS/LITER 1.38	
		DENSITY OF WATER			1.0030		GMS/LITER@ 83 °F	
RIVER/TIDE STAGE		MIN 1.03	TIME 19:06	MAX 1.77	TIME 09:36	GAGE LOCATION Fowl River		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 71 °F / 75 °F	VISIBILITY 10 MI	WIND 15 NNE MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13	30		EFFECTIVE WORKING TIME:			
AFT		13	30		PUMPING:	00:00	04:12	0.0
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:53	0.0
INDICATORS LAST CHECKED ON		05/25/2021						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	08:36	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	9,079		DUMPING:	00:00	00:17	0.0
GALLONS OF WATER CONSUMED		GAL	500		DISCONNECTING:	00:00	00:00	0.0
				TO CUT:		00:00	07:56	0.0
				TOTALS:		00:00	21:54	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	
5	33,507	Phase 3 ODMDS	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:40	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	
ITEM		NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS		00:00	00:22	0.0
				TOTALS		00:00	02:06	0.0
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 322 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 161
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS28-37 (STA 1112+00 to 1118+00) & AS94-103 (STA 1508+00 to 1568+00). Ellis completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
 100 mins - Traffic  
 22 mins - Crewboat  
 4 mins - Repairs to dredge pump engines

Endangered Species:  
 No incidents with endangered or protected species on this date.

Turbidity Monitoring:  
 No turbidity sample taken this date.

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 323 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 162	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/16/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		19	19		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)		
		Mobile Lower Bay			AS28-37 (STA 1112+00 to 1118+00) & AS16-18 (STA 1040+00 to 1058+00)		Phase 3 ODMDS	26,989	2,176,207		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		46 NM			
		6600 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38	
		DENSITY OF WATER				1.0030		GMS/LITER@		83 °F	
RIVER/TIDE STAGE		MIN	1.29 <th colspan="1">TIME</th> <td colspan="1">19:00</td> <th colspan="1">MAX</th> <td colspan="1">3.61 <th colspan="1">TIME</th> <td colspan="1">07:00</td> <th colspan="2">GAGE LOCATION Fowl River</th> </td>	TIME	19:00	MAX	3.61 <th colspan="1">TIME</th> <td colspan="1">07:00</td> <th colspan="2">GAGE LOCATION Fowl River</th>	TIME	07:00	GAGE LOCATION Fowl River	
		MIN	0.00 <th colspan="1">TIME</th> <td colspan="1">00:00</td> <th colspan="1">MAX</th> <td colspan="1">0.00 <th colspan="1">TIME</th> <td colspan="1">00:00</td> <th colspan="2">GAGE DATUM MLLW</th> </td>	TIME	00:00	MAX	0.00 <th colspan="1">TIME</th> <td colspan="1">00:00</td> <th colspan="2">GAGE DATUM MLLW</th>	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY	WIND		
		Weather Caused No Delay				73 °F / 85 °F		10 MI	20 S MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:31	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:40	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	07:46	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,718		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:	00:00	08:27	0.0		
						TOTALS:	00:00	21:38	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	26,989	Phase 3 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:49	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	00:33	0.0		
						TOTALS	00:00	02:22	0.0		
ATTENDANT PLANT						LOST TIME:					
		ITEM	NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
							CESSATION:	00:00	00:00	0.0	
							COLLISIONS:	00:00	00:00	0.0	
							TOTALS:	00:00	00:00	0.0	
							TOTAL TIME/MILES:	00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 324 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 162
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS28-37 (STA 1112+00 to 1118+00) & AS16-18 (STA 1040+00 to 1058+00). Ellis completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time

109 mins - Traffic

33 mins - Crewboat

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 325 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 163	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/17/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 31,746	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,207,953			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 46 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.38			GMS/LITER		1.38	
		DENSITY OF WATER			1.0030			GMS/LITER@		83 °F	
RIVER/TIDE STAGE		MIN 0.90	TIME 21:12	MAX 3.15	TIME 09:12	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 80 °F	VISIBILITY 10 MI	WIND 13 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13		30		EFFECTIVE WORKING TIME:						
AFT	13		30		PUMPING:	00:00	04:22	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:38	0.0			
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	07:18	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,664		DUMPING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	08:37	0.0			
					TOTALS:	00:00	21:07	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			
NO.OF LOADS 5	TOTAL CYS 31,746	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:33	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	02:20	0.0			
					TOTALS	00:00	02:53	0.0			
ATTENDANT PLANT					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 326 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 163
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). Ellis completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
33 mins - Traffic  
140 mins - Work in Phase 1

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 327 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 164	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/18/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
			19		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)		
		Mobile Lower Bay			AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)		Phase 3 ODMDS	25,773	2,233,726		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6600 FT		450 FT		46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38	
		DENSITY OF WATER				1.0030		GMS/LITER@		83 °F	
		MIN	0.90	TIME	22:06	MAX	2.78	TIME	08:18	GAGE LOCATION	Fowl River
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
RIVER/TIDE STAGE		WEATHER		TEMP		VISIBILITY		WIND			
		Weather Caused No Delay		74 °F / 83 °F		10 MI		12 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		30		EFFECTIVE WORKING TIME:					
AFT		13		30		PUMPING:	00:00	03:31	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:32	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	08:54	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,593		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		400		TO CUT:	00:00	08:08	0.0		
						TOTALS:	00:00	21:22	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		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
4		25,773	Phase 3 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:29	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	01:40	0.0		
						TOTALS	00:00	02:38	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 328 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 164
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). The Ellis Island completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
 29 mins - Traffic  
 100 mins - Work in Phase 1  
 29 mins - Fix Hydraulic Hose on Port Drag Arm

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 329 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 165	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/19/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 34,197	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,267,923		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.38		GMS/LITER	1.38			
		DENSITY OF WATER			1.0030		GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN 1.22	TIME 00:00	MAX 2.44	TIME 10:36	GAGE LOCATION		Fowl River			
		MIN 1.22	TIME 20:30	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 85 °F	VISIBILITY 10 MI	WIND 12 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	04:32	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:51	0.0			
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	07:26	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,589		DUMPING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	06:58	0.0			
					TOTALS:	00:00	19:59	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					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 5	TOTAL CYS 34,197	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:46	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	02:15	0.0			
					TOTALS	00:00	04:01	0.0			
ATTENDANT PLANT					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 330 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 165
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). The Ellis Island completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
 106 mins - Traffic  
 135 mins - Work in Phase 1

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 331 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 166	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/20/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay			REACH DREDGED; STA TO STA AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 28,352	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,296,275		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38	
		DENSITY OF WATER				1.0030		GMS/LITER@		81 °F	
RIVER/TIDE STAGE		MIN 1.41	TIME 19:54	MAX 2.43	TIME 11:54	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 71 °F / 87 °F	VISIBILITY 10 MI	WIND 16 SW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:19	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:29	0.0			
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	09:25	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	8,897		DUMPING:	00:00	00:18	0.0			
GALLONS OF WATER CONSUMED		GAL	400		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	07:00	0.0			
					TOTALS:	00:00	20:31	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			
NO.OF LOADS 4	TOTAL CYS 28,352	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:19	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			
					MISCELLANEOUS	00:00	02:10	0.0			
					TOTALS	00:00	03:29	0.0			
ATTENDANT PLANT					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 332 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 166
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). The Ellis Island completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
79 mins - Traffic  
130 mins - Work in Phase 1

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 333 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 167	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/21/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)		DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 32,384	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,328,659				
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.38		GMS/LITER		1.38			
		DENSITY OF WATER		1.0030		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN 1.23	TIME 07:12	MAX 2.07	TIME 17:36	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 71 °F / 87 °F	VISIBILITY 10 MI	WIND 17 W MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	13	30		EFFECTIVE WORKING TIME:							
AFT	13	30		PUMPING:	00:00	03:39	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:40	0.0				
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	07:12	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:16	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	11,832	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	400	TO CUT:	00:00	08:12	0.0				
				TOTALS:	00:00	19:59	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 4	TOTAL CYS 32,384	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 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	00:33	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					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	03:28	0.0			
					TOTALS	00:00	04:01	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 334 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 167
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). The Ellis Island completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
33 mins - Traffic  
3.37 hrs - Work in Phase 1

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 335 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 168	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/22/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Lower Bay	REACH DREDGED; STA TO STA AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)			DISPOSAL AREA USE Phase 3 ODMDS	QTY DEPOSITED GROSS(CY) 37,715	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 2,366,374			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38	
		DENSITY OF WATER				1.0030		GMS/LITER@		83 °F	
RIVER/TIDE STAGE		MIN 0.78	TIME 10:12	MAX 1.88	TIME 01:24	GAGE LOCATION		Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 62 °F / 78 °F	VISIBILITY 10 MI	WIND 17 NW MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	03:50	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:37	0.0		
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:	00:00	08:51	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		11,954		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	08:44	0.0		
						TOTALS:	00:00	22:20	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		
NO.OF LOADS 5		TOTAL CYS 37,715	DISPOSAL AREA Phase 3 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:18	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	01:22	0.0		
						TOTALS	00:00	01:40	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 336 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 168
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). The Ellis Island completed 5 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
 18 mins - Traffic  
 1.37 hrs - Work in Phase 1

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE							PAGE NO. Page 337 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3			CONTRACTOR Great Lakes Dredge & Dock Company, LLC		REPORT NO. 169	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK					DATE 09/23/2021	
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY		
LOCATION OF WORK		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
LOCATION CHANNEL Mobile Lower Bay		19	19	2		2	7	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.38		GMS/LITER 1.38		
DENSITY OF WATER		1.0030		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.77	TIME 00:30	MAX 1.64	TIME 16:36	GAGE LOCATION Fowl River		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 56 °F / 76 °F	VISIBILITY 10 MI	WIND 14 N MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD 13		30		EFFECTIVE WORKING TIME:				
AFT 13		30		PUMPING:	00:00	03:40	0.0	
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:44	0.0	
INDICATORS LAST CHECKED ON 05/25/2021				TO DUMP:	00:00	07:50	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:09	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	9,022	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	100	TO CUT:	00:00	06:42	0.0	
				TOTALS:	00:00	19:05	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 4	TOTAL CYS 29,549	DISPOSAL AREA Phase 3 ODMDS	TOTAL CYS 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	02:59	0.0	
				MINOR OPERATING REPAIRS	00:00	01:46	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
ITEM		NAME OR NUMBER	H.P.	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS	00:00	00:10	0.0	
				TOTALS	00:00	04:55	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 338 of 343
<b>CONTRACT NO.</b> W9127821C0016 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase 3	<b>CONTRACTOR</b> Great Lakes Dredge & Dock Company, LLC	<b>REPORT NO.</b> 169
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Ellis Island continued dredging operations digging inbound and outbound to cover both sides of the Mobile Lower Bay Channel, dredging area between AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00). The Ellis Island completed 4 loads in Phase 3 for the day, disposing of all material in the Phase 3 ODMDS.

Non-Effective Working Time  
 2.98 hrs - Traffic  
 1.77 hrs - Main Engine

<b>CONTRACTOR CERTIFICATION</b>	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.		
<b>QC REPRESENTATIVE'S SIGNATURE</b>	<b>DATE</b>	<b>SUPERINTENDENT'S INITIALS</b>	<b>DATE</b>

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 339 of 343			
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 170			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/24/2021					
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY							
LOCATION OF WORK		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
		19		2						2		7	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.38		GMS/LITER		1.38			
		DENSITY OF WATER				1.0030		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN 0.83		TIME 09:18		MAX 1.73		TIME 01:36		GAGE LOCATION Fowl River			
		MIN 0.00		TIME 00:00		MAX 2.08		TIME 23:36		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 54 °F / 78 °F		VISIBILITY 10 MI		WIND 9 N MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
LIGHT		LOADED						AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		13		30		EFFECTIVE WORKING TIME:							
AFT		13		30		PUMPING:		00:00		02:28		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:28		0.0	
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		05:05		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:09		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		9,022		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:		00:00		04:02		0.0	
						TOTALS:		00:00		12:12		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
3		23,241		Phase 3 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		03:24	0.0
								MINOR OPERATING REPAIRS		00:00		05:25	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								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		02:59	0.0
								TOTALS		00:00		11:48	0.0
LOST TIME:													
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	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 341 of 343	
CONTRACT NO. W9127821C0016 NA		CONTRACT TITLE Mobile Harbor Deepening Phase 3				CONTRACTOR Great Lakes Dredge & Dock Company, LLC				REPORT NO. 171	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/25/2021			
DREDGE Ellis Island/Douglas B. Mackie		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 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 AS27-37 (STA 1106+00 to 1172+00) & AS94-104 (STA 1508+00 to 1574+00)		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Lower Bay			Phase 3 ODMDS	19,531	2,438,695				
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 46 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.38	GMS/LITER	1.38				
		DENSITY OF WATER			1.0030	GMS/LITER@	80 °F				
RIVER/TIDE STAGE		MIN 0.76	TIME 12:00	MAX 2.10	TIME 00:36	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 2.03	TIME 23:54	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 54 °F / 78 °F	VISIBILITY 10 MI	WIND 9 N MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD		13	30		EFFECTIVE WORKING TIME:						
AFT		13	30		PUMPING:	00:00	02:46	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	01:03	0.0			
INDICATORS LAST CHECKED ON		05/25/2021			TO DUMP:	00:00	06:53	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	0		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	04:44	0.0			
					TOTALS:	00:00	15:39	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					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			
3	19,531	Phase 3 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:50	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	07:31	0.0			
					TOTALS	00:00	08:21	0.0			
ATTENDANT PLANT					LOST TIME:						
ITEM	NAME OR NUMBER	H.P.	HOURS		MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					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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CONTRACT NO.

W9127821C0016 NA

CONTRACT TITLE

Mobile Harbor Deepening Phase 3

CONTRACTOR

Great Lakes Dredge & Dock Company, LLC

REPORT NO.

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