

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 1 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 94		
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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71 (AS1-AS17)			Phase 1 ODMDS	22,846	22,846				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		73 °F		
RIVER/TIDE STAGE		MIN	0.82	TIME	18:00	MAX	1.66	TIME	08:48	GAGE LOCATION Dauphin Island		
		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	03:49	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	02:46	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,688		DUMPING:	00:00	00:22	0.0				
GALLONS OF WATER CONSUMED		GAL	200		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	03:26	0.0				
					TOTALS:	00:00	10:23	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				
5	22,846	Phase 1 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	13:37	0.0			
						TOTALS	00:00	13:37	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 1
<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 2093+68 - 2189+58.71 (AS1 - AS17). Dredge completed 5 loads in Phase 1 for the day and transported the dredged material to the ODMS for Phase 1. Miscellaneous 817 min delay accounts for time in Phase 3 contract.

Delays of 0 mins. Misc. 817 min delay accounts for time in Phase 3 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 3 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 2	
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					
		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 Bar Channel			STA 2093+68 to STA 2089+58.71		Phase 1 ODMDS	16,744	39,590		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		73 °F	
RIVER/TIDE STAGE		MIN	0.82	TIME	20:24	MAX	1.96	TIME	09:36	GAGE LOCATION Dauphin Island	
		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	03:03	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	03:00	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	00:24	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	4,200	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	85	TO CUT:	00:00	03:01	0.0				
				TOTALS:	00:00	09:28	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		16,744	Phase 1 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:55	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	13:37	0.0		
						TOTALS	00:00	14:32	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 4 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 2
<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 Bar Channel dredging area between Stations 2093+68 - 2189+58.71 (AS1 - AS17). Dredge completed 4 loads in Phase 1 for the day and transported the dredged material to the ODMDS for Phase 1. Miscellaneous 817 min delay accounts for time in Phase 3 contract.

Delays of 55 mins due to traffic. Misc. 817 min delay accounts for time in Phase 3 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 5 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 3		
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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	7,806	47,396					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	73 °F					
RIVER/TIDE STAGE		MIN 0.63	TIME 21:00	MAX 2.13	TIME 07:30	GAGE LOCATION Dauphin Island						
		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	01:39	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	00:41	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	00:05	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL		1,270		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		36		TO CUT:	00:00	00:48	0.0				
					TOTALS:	00:00	03:13	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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
2	7,806	Phase 1 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	20:34	0.0				
					TOTALS	00:00	20:47	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 6 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 3
<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 Bar Channel dredging area between Stations 2093+68 - 2189+58.71 (AS1 - AS17). Dredge completed 2 loads in Phase 1 for the day and transported the dredged material to the ODMDS for Phase 1. Miscellaneous 1234 min delay accounts for time in Phase 3 contract.

Delays of 13 mins due to traffic. Misc. 1234 min delay accounts for time in Phase 3 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 7 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 4	
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				
		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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	13,702	61,098		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		7 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	73 °F			
RIVER/TIDE STAGE		MIN	0.65	TIME	20:30	MAX	2.20	TIME	09:24	GAGE LOCATION Dauphin Island	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical 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	01:25	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	01:55	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,896			DUMPING:	00:00	00:19	0.0		
GALLONS OF WATER CONSUMED		GAL	0			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	02:22	0.0		
						TOTALS:	00:00	06:01	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		13,702	Phase 1 ODMDS	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		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	16:27	0.0		
						TOTALS	00:00	17:59	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 8 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 4
<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 Bar Channel dredging area between Stations 2093+68 - 2189+58.71 (AS1 - AS17). Dredge completed 3 loads in Phase 1 for the day and transported the dredged material to the ODMDS for Phase 1. Miscellaneous 987 min delay accounts for time in Phase 3 contract.

Delays of 92 mins due to traffic. Misc. 987 min delay accounts for time in Phase 3 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 9 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 5	
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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	4,453	65,551				
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER		1.85		
		DENSITY OF WATER				1.0250	GMS/LITER@		73 °F		
RIVER/TIDE STAGE		MIN -0.27	TIME 21:04	MAX 1.54	TIME 09:46	GAGE LOCATION		Dauphin Island			
		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 / 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	00:40	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	00:46	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING				CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING				DUMPING:	00:00	00:05	0.0				
GALLONS OF FUEL OIL CONSUMED				DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED				TO CUT:	00:00	00:49	0.0				
				TOTALS:	00:00	02:20	0.0				
				NON-EFFECTIVE WORKING TIME:							
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
DREDGING AND HAULING				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
NO.OF LOADS 1	TOTAL CYS 4,453	DISPOSAL AREA Phase 1 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				
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	21:40	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 10 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 5
<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 on the red side of the Mobile Bar Channel dredging area between Stations 2093+68 - 2189+58.71 (AS1 - AS17). Dredge completed 1 load in Phase 1 for the day and transported the dredged material to the ODMDS for Phase 1.

Miscellaneous 1300 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 21.7 hrs.

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

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

Relocation Trawling:  
TE#1 – Miss Vicky: Relocation Trawling continues with 11 total tows for the day. One loggerhead was relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 6	
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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	0			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 4,981	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 70,532		
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85		
		DENSITY OF WATER			1.0250		GMS/LITER@		73 °F		
RIVER/TIDE STAGE		MIN	-0.29	TIME	21:50	MAX	1.57	TIME	10:18	GAGE LOCATION Dauphin Island	
		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 / 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	00:49	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	00:40	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	00:06	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,142		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	500		TO CUT:	00:00	00:37	0.0			
					TOTALS:	00:00	02:12	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		AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
1	4,981	Phase 1 ODMDS		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
				0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:15	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	19:33	0.0			
					TOTALS	00:00	21:48	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			

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 12 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 6
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 135 mins due to traffic.

Miscellaneous 1173 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 19.55 hrs.

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

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

Relocation Trawling:  
TE#1 – Miss Vicky: Relocation Trawling continues with 12 total tows for the day. No protected species were relocated.  
Note: As of 6/10/21, Miss Vicky has relocated a total of 3 turtles. Relocations dates are as follow:  
1 Kemp’s Ridley on 6/4/21  
1 Loggerhead on 6/7/21  
1 Loggerhead on 6/9/21

Relocation photos attached. Also attached is the documentation form for the Fibropapilloma observed on Project Capture #01 on 06/04/21.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 7		
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	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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	7,426	77,958					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	73 °F					
RIVER/TIDE STAGE		MIN	-0.32	TIME	23:33	MAX	1.58	TIME	11:31	GAGE LOCATION Dauphin Island		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused Non-Critical 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	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	01:18	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	00:09	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	5,065		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	01:45	0.0				
					TOTALS:	00:00	04:37	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
					TAKING ON FUEL AND SUPPLIES	00:00	11:02	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	7,426	Phase 1 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:11	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	06:10	0.0				
					MISCELLANEOUS	00:00	00:00	0.0				
					TOTALS	00:00	19:23	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 14 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 7
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 131 mins due to traffic and 662 mins for taking on fuel.

Miscellaneous 370 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 6.17 hrs.

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

Turbidity Monitoring:  
Turbidity test not conducted due to dredge cycle.

Relocation Trawling:  
TE#1 – Miss Vicky: Relocation Trawling continues with 13 total tows for the day. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 8		
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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	4,337	82,295					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	73 °F					
RIVER/TIDE STAGE		MIN	-0.32	TIME	23:33	MAX	1.58	TIME	11:31	GAGE LOCATION Dauphin Island		
		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 / 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	01:54	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	01:06	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	00:04	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL		1,539		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		17		TO CUT:	00:00	00:31	0.0				
					TOTALS:	00:00	03:45	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				
1	4,337	Phase 1 ODMDS		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	19:50	0.0				
					TOTALS	00:00	20:15	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 16 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 8
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 25 mins due to traffic.

Miscellaneous 1190 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 19.83 hrs.

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

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

Relocation Trawling:  
TE#1 – Miss Vicky: Relocation Trawling continues with 13 total tows for the day. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 9	
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		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL				REACH DREDGED; STA TO STA				DISPOSAL AREA USE	
		Mobile Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 750 FT				AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 73 °F	
RIVER/TIDE STAGE		MIN -0.35		TIME 23:59		MAX 1.56		TIME 12:10		GAGE LOCATION Dauphin Island	
		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 / 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	01:01	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	00:38	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	00:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,359	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		19	TO CUT:	00:00	01:07	0.0			
						TOTALS:	00:00	02:59	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		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
2		8,550		Phase 1 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
						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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	19:30	0.0		
						TOTALS	00:00	21:01	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 18 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 9
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 91 mins due to traffic and 3 mins to flushed discharge boxes.

Miscellaneous 1167 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 19.45 hrs.

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

Turbidity Monitoring:  
Turbidity test not conducted due to dredge cycle.

Relocation Trawling:  
TE#1 – Miss Vicky: Relocation Trawling continues with 15 total tows for the day. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 10	
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			REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		Mobile Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	4,728	95,573		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER	1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@	73 °F		
RIVER/TIDE STAGE		MIN	-0.31	TIME	00:20	MAX	1.51	TIME	12:49	GAGE LOCATION Dauphin Island	
		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 / 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	00:27	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	00:45	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		1,359		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		19		TO CUT:	00:00	00:58	0.0		
						TOTALS:	00:00	02:14	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		
1	4,728	Phase 1 ODMDS		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	19:24	0.0		
						TOTALS	00:00	21:46	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 20 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 10
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 142 mins due to traffic.

Miscellaneous 1164 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 19.40 hrs.

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

Turbidity Monitoring:  
Turbidity test not conducted due to dredge cycle.

Relocation Trawling:  
TE#1 – Miss Vicky: Relocation Trawling continues with 14 total tows for the day. One Kemp's Ridley was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 11		
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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	4,333	99,906					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN	-0.28	TIME	01:00	MAX	1.41	TIME	13:26	GAGE LOCATION Dauphin Island		
		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 / 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	00:36	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	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	00:06	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	811		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	0		TO CUT:	00:00	00:56	0.0				
					TOTALS:	00:00	02:10	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	00:00	0.0				
1	4,333	Phase 1 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	21:50	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 22 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 11
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Miscellaneous 1310 mins delay accounts for time in Phase 3 contract. Dredge dug in Phase 3 for 21.83 hrs.

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

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

Relocation Trawling:  
TE#1 – Jessica Marie: Relocation Trawling continues with 11 total tows for the day. One Kemp's Ridley was relocated.

<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 405			
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.			
W9127820C0032 NA		Mobile Harbor Deepening Phase I				Great Lakes				12			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE		06/16/2021			
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		19	OTHER PLANT	0	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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	0	99,906					
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85			
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN	-0.19	TIME	01:00	MAX	1.24	TIME	13:26	GAGE LOCATION Dauphin Island			
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND			
		Weather Caused Non-Critical Delay				72 °F / 89 °F		10 MI		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	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	00:00	0.0				
0	0	Phase 1 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:								
						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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 12
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging for Phase 1 on this day.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No testing due to no dredging operations on this day.

**Relocation Trawling:**

TE#1 – Jessica Marie: Relocation Trawling continues with 15 total tows for the day. One Kemp's Ridley was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 13		
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	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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	9,983	109,889					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN -0.03	TIME 01:49	MAX 1.01	TIME 14:09	GAGE LOCATION Dauphin Island						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused Non-Critical 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	02:06	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:13	0.0				
INDICATORS LAST CHECKED ON	05/25/2021				TO DUMP:	00:00	01:13	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	00:11	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	01:49	0.0				
					TOTALS:	00:00	05:32	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	9,983	Phase 1 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				
					LAY TIME:	00:00	00:00	0.0				
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
					MISCELLANEOUS	00:00	15:17	0.0				
					TOTALS	00:00	18:28	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 26 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 13
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 191 mins due to traffic

Miscellaneous 917 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
TE#1 – Jessica Marie: Relocation Trawling continues with 21 total tows for the day. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 14		
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						
		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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	3,576	113,465					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN 0.19	TIME 01:41	MAX 0.77	TIME 11:43	GAGE LOCATION Dauphin Island						
		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	00:27	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	00:33	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		261		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		200		TO CUT:	00:00	00:38	0.0				
					TOTALS:	00:00	01:42	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				
1	3,576	Phase 1 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	22:00	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	22:18	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 28 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 14
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

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 1320 mins for weather (Potential Tropical Cyclone Three)

Miscellaneous 18 mins delay accounts for time in Phase 3 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.

Relocation Trawling:

Trawling suspended at 0046 in preparation for hazardous weather. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 15		
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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	0	113,465				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN	0.39	TIME	00:32	MAX	0.82	TIME	08:50	GAGE LOCATION Dauphin Island		
		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										
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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0				
0	0	Phase 1 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 30 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 15
<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.

Relocation Trawling:

Trawling 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 31 of 405					
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 16					
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 19	OTHER PLANT 0	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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	0	113,465							
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM									
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85					
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F					
RIVER/TIDE STAGE		MIN 0.04	TIME 18:27	MAX 1.07	TIME 08:01	GAGE LOCATION Dauphin Island									
		MIN 0.00	TIME 18:48	MAX 0.00	TIME 00:00	GAGE DATUM MLLW									
WEATHER CONDITION		WEATHER Previous Weather - 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 1 ODMDS		TOTAL CYS 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		00:00		0.0	
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
								LAY TIME:		00:00		00:00		0.0	
								FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
								MISCELLANEOUS		00:00		14:00		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 32 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 16
<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.

Miscellaneous 840 mins delay accounts for time in Phase 3 contract

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

Turbidity test not conducted due to Tropical Storm Claudette.

Relocation Trawling:

Trawling 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 33 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 18	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/21/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 824	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 824			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.90	GMS/LITER	1.90			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.23	TIME	19:05	MAX	1.35	TIME	08:05		GAGE LOCATION Dauphin Island
		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 / 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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	00:57	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	01:58	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	00:07	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,863	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	00:22	0.0				
						TOTALS:	00:00	03:56	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 1	TOTAL CYS 824	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	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:48	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	19:16	0.0		
						TOTALS	00:00	20:04	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 34 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 18
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island arrived on site at 1300 hrs and began the required dredge calibrations followed by Pre-Dredge Inspection Checklists, Water Test and Paint Test. After all the required calibrations were performed, dredge commenced digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug part of a load during paint test and disposed the material in Phase 1 ODMDS.

Non-Effective Working Time of 1149 mins sailing to site, 7 mins for crew boat transfer and 48 mins for dredge calibrations.

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

Turbidity Monitoring:  
Turbidity test not conducted due to dredge cycle/unsafe sea conditions

Relocation Trawling:  
TE#1 – Jessica Marie: Relocation Trawling continues with 7 total tows for the day. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 17	
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 Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 113,465			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.23	TIME	08:05	MAX	1.35	TIME	19:05	GAGE LOCATION Dauphin Island	
		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	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		
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 1 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	0.0			
					TOTALS	00:00	24:00	0.0			
LOST TIME:											
					MAJOR REPAIRS AND 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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 17
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations on this day for Dredge Ellis Island for Phase 1.

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract

Endangered Species:  
N/A

Turbidity Monitoring:  
N/A

Relocation Trawling:  
N/A

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 20	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 06/22/2021	
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	
		Mobile Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 750 FT				AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.90				GMS/LITER 1.90	
		DENSITY OF WATER				1.0250				GMS/LITER@ 82 °F	
RIVER/TIDE STAGE		MIN -0.41		TIME 19:58		MAX 1.58		TIME 08:34		GAGE LOCATION Dauphin Island	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical 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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	01:59	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:04	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	02:03	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	00:35	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,458	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	02:15	0.0			
WORK PERFORMED						TOTALS:	00:00	06:56	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		5,426		Phase 1 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	00:46	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:22	0.0
								MINOR OPERATING REPAIRS	00:00	12:37	0.0
								TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0
								LAY TIME:	00:00	00:00	0.0
								FIRE AND BOAT DRILLS:	00:00	00:00	0.0
								MISCELLANEOUS	00:00	02:19	0.0
								TOTALS	00:00	17:04	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 38 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 20
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug part 4 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 757 mins due to draghead repairs, 139 mins due to crew boat transfers, 82 mins due to traffic, and 46 mins due to weather.

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

Turbidity Monitoring:  
Turbidity test not conducted due to unsafe sea conditions.

Relocation Trawling:  
Trawling not conducted due to unsafe sea conditions.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 19	
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 7,751	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 121,216			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN -0.41	TIME 19:58	MAX 1.58	TIME 08:34	GAGE LOCATION Dauphin Island					
		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	01:51	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:08	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	01:47	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		1,620		DUMPING:	00:00	00:13	0.0		
GALLONS OF WATER CONSUMED		GAL		400		DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	00:54	0.0		
						TOTALS:	00:00	04:53	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 7,751	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	00:00	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	19:07	0.0		
						TOTALS	00:00	19:07	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 40 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 19
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 0 mins.

Miscellaneous 1147 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
Turbidity test not conducted due to unsafe sea conditions.

Relocation Trawling:  
Trawling not conducted due to unsafe sea conditions.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 22		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/23/2021				
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 Bar Channel	STA 2093+68 to 2189+58.71			Phase 1 ODMDS	27,750	34,000				
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 NM
		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
DENSITY OF WATER				1.0250		GMS/LITER@		82 °F				
RIVER/TIDE STAGE		MIN	0.21	TIME	21:24	MAX	2.31	TIME	09:36	GAGE LOCATION Dauphin Island		
		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 / 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		8	20	EFFECTIVE WORKING TIME:								
AFT		8	20	PUMPING:	00:00	07:15	0.0					
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0					
INDICATORS LAST CHECKED ON 06/21/2021				TO DUMP:	00:00	06:48	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	01:40	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL	4,071	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED				GAL	1,000	TO CUT:	00:00	04:53	0.0			
WORK PERFORMED						TOTALS:	00:00	20:36	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			
12	27,750	Phase 1 ODMDS		0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
ATTENDANT PLANT						LOSS DUE TO NATURAL ELEMENTS:	00:00	00:24	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
MINOR OPERATING REPAIRS						00:00	00:58	0.0				
TRANSFERRING BETWEEN WORKS						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	02:02	0.0				
TOTALS						00:00	03:24	0.0				
LOST TIME:						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 42 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 22
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 12 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 96 mins due to port gimbal repairs, 58 mins due to stbd draghead repairs, 26 mins due to crew boat transfers, and 24 mins due to weather.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. One Kemp's Ridley was relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 21	
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 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 4,204	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 125,420				
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1.85		GMS/LITER 1.85					
		DENSITY OF WATER		1.0250		GMS/LITER@ 82 °F					
RIVER/TIDE STAGE		MIN 0.21	TIME 20:24	MAX 2.31	TIME 09:36	GAGE LOCATION Dauphin Island					
		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	00:32	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	00:37	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	00:04	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	172	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	428	TO CUT:	00:00	01:02	0.0				
				TOTALS:	00:00	02:15	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 1	TOTAL CYS 4,204	DISPOSAL AREA Phase 1 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	21:45	0.0				
				TOTALS	00:00	21:45	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 44 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 21
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 0 mins.

Miscellaneous 1305 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's Ridley was relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 23	
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		OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
		19	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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	12,639	138,059		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		7 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	-0.02	TIME	21:18	MAX	2.38	TIME	09:24		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
		GAGE LOCATION				Dauphin Island					
		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	02:56	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	02:27	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	00:17	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,930		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		200		TO CUT:	00:00	01:56	0.0		
						TOTALS:	00:00	08:06	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		12,639	Phase 1 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:04	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	15:50	0.0		
						TOTALS	00:00	15:54	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 46 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 23
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 3 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 22 mins due to de-watering, 4 mins due to minor repairs, and 4 mins due to raising the dragheads.

Miscellaneous 924 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated 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 47 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 24	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/24/2021			
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 Bar Channel	STA 2093+68 to 2189+58.71			Phase 1 ODMDS	34,300	68,300			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN	-0.02	TIME	21:18	MAX	2.38	TIME	09:24	GAGE LOCATION Dauphin Island	
		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	8		20			EFFECTIVE WORKING TIME:					
AFT	8		20			PUMPING:	00:00	08:16	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON	06/11/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	07:09	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	4,176			DUMPING:	00:00	01:36	0.0		
GALLONS OF WATER CONSUMED		GAL	1,000			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	06:01	0.0		
						TOTALS:	00:00	23:02	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		
14	34,300	Phase 1 ODMDS	0			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:46	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	00:12	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 48 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 24
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 14 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 46 mins due to traffic and 12 mins due to crew boat transfer.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. No protected species relocated 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 49 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 25	
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 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 4,357	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 142,416			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.44	TIME 21:13	MAX 2.61	TIME 11:00	GAGE LOCATION		Dauphin Island			
		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	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		530		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		200		TO CUT:		00:00	00:32	0.0	
						TOTALS:		00:00	00:32	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 1	TOTAL CYS 4,357	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	00:00	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	23:28	0.0	
						TOTALS		00:00	23:28	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 50 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 25
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMS. Entire load was dug and disposed just prior to midnight on 6/24, but the dredge did not begin digging the next load and start the next load cycle until after midnight. This load therefore gets reported to 6/25 even though there is only sail time reported.

Non-Effective Working Time of 0 mins.

Miscellaneous 1408 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated 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 51 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 26	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 06/25/2021	
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 Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		29,400	97,700
CHARACTER OF MATERIAL		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 750 FT				AVG DIST TO DUMP 7 NM	
		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
RIVER/TIDE STAGE		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
		MIN 0.44		TIME 23:18		MAX 2.61		TIME 11:00		GAGE LOCATION Dauphin Island	
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 / 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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	07:49	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	06:59	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	01:35	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,957	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	05:59	0.0			
NON-EFFECTIVE WORKING TIME:						TOTALS:	00:00	22:22	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 12	TOTAL CYS 29,400	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	00:46	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	00:06	0.0		
						TOTALS	00:00	01:38	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 52 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 26
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 12 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 46 mins due to traffic, 46 mins due to hydraulic repairs, and 6 mins due to crew boat transfer.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued with the Jessica Marie. No protected species relocated 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 53 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 27	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/26/2021			
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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	29,885	127,585			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN 0.53	TIME 00:24	MAX 2.68	TIME 12:30	GAGE LOCATION Dauphin Island					
		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	8		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	08:22	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	06/21/2021										
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	07:25	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,615		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	01:37	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 14	TOTAL CYS 29,885	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	00:12	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	00:12	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 54 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 27
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 14 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 12 mins due to traffic.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. One Kemp's Ridley was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 28		
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 4,358	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 146,774				
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN 0.53	TIME 00:24	MAX 2.68	TIME 12:30	GAGE LOCATION		Dauphin Island				
		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	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	00:59	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	00:05	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,402		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		150		TO CUT:	00:00	00:28	0.0			
						TOTALS:	00:00	03:08	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 1		TOTAL CYS 4,358	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	00:21	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	20:31	0.0			
						TOTALS	00:00	20:52	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 28
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 21 mins due to traffic.

Miscellaneous 1231 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's Ridley was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 30		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/27/2021				
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					
		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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	29,471	157,056				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN	0.66	TIME	01:30	MAX	2.66	TIME	12:18	GAGE LOCATION Dauphin Island		
		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		8	20			EFFECTIVE WORKING TIME:						
AFT		8	20			PUMPING:	00:00	07:47	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	06:34	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,615			DUMPING:	00:00	01:31	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000			DISCONNECTING:	00:00	00:00	0.0			
						TO CUT:	00:00	05:53	0.0			
						TOTALS:	00:00	21:45	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	00:00	0.0			
13	29,471	Phase 1 ODMDS	0			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:33	0.0			
						MINOR OPERATING REPAIRS	00:00	01:42	0.0			
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
						LAY TIME:	00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
						MISCELLANEOUS	00:00	00:00	0.0			
						TOTALS	00:00	02:15	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 58 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 30
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 13 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 33 mins due to traffic and 102 mins due to service repairs.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued with the Jessica Marie. No protected species were relocated 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 59 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 29	
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 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 7,164	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 153,938
		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 750 FT				AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.66		TIME 01:30		MAX 2.66		TIME 12:18		GAGE LOCATION Dauphin Island	
		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	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	01:59	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	00:09	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		1,484		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		300		TO CUT:	00:00	00:56	0.0		
						TOTALS:	00:00	04:40	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS 2		TOTAL CYS 7,164		DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
						LOSS DUE TO NATURAL ELEMENTS:	00:00	00:04	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:04	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	18:12	0.0		
						TOTALS	00:00	19:20	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 60 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 29
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 64 mins due to traffic, 4 mins due to weather, and 8 mins due to misc. delays.

Miscellaneous 1084 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated 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 61 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 31	
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				
		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 Bar Channel	STA 2093+69 to STA 2189+58.71			Phase 1 ODMDS	6,057	159,995			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85		
		DENSITY OF WATER			1.0250		GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN 0.79	TIME 02:12	MAX 2.49	TIME 14:12	GAGE LOCATION Dauphin Island					
		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	01:12	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	01:29	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,320		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	200		DUMPING:	00:00	00:18	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			
2	6,057	Phase 1 ODMDS	0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:06	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:16	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	18:09	0.0			
					TOTALS	00:00	18:31	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 31
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 16 mins due to traffic and 6 mins due to weather.

Miscellaneous 1089 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's Ridley was relocated.  
There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 32	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/28/2021			
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 Bar Channel		STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		35,173	192,229	
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.79		TIME 02:12		MAX 2.49		TIME 14:12		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	07:39	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		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	01:42	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		5,350		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	06:09	0.0		
						TOTALS:	00:00	23:19	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 13	TOTAL CYS 35,173	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	00:20	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	00:41	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 64 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 32
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 13 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 20 mins due to traffic and 21 mins due to crew boat transfer.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. One Kemp's Ridley was relocated.  
There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 34	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 06/29/2021	
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 Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		26,059	218,288
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 1.10		TIME 02:42		MAX 2.22		TIME 14:24		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	05:39	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	04:54	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	01:03	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,392	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	04:14	0.0			
WORK PERFORMED						TOTALS:	00:00	15:50	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	07:50	0.0
10		26,059		Phase 1 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	00:20	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	00:00	0.0		
						TOTALS	00:00	08:10	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 66 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 34
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 10 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 20 mins due to traffic and 470 mins due to fueling.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. No protected species were relocated.  
There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 33	
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 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 4,098	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 164,093
		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 750 FT				AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						1.85		GMS/LITER 1.85	
		DENSITY OF WATER						1.0250		GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 1.10		TIME 02:48		MAX 2.22		TIME 14:24		GAGE LOCATION Dauphin Island	
		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	00:43	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	00:43	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	00:10	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		891		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	00:31	0.0		
						TOTALS:	00:00	02:07	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 4,098	DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:07	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	21:46	0.0		
						TOTALS	00:00	21:53	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 68 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 33
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 7 mins due to weather.

Miscellaneous 1306 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.  
There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 36	
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 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 164,093			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.09	TIME 01:46	MAX 0.95	TIME 14:11	GAGE LOCATION Dauphin Island					
		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	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 0	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	00:00	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	24:00	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 70 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 36
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 06/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging for Phase 1 on this day.

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

TE#1 – Trawling continued with the Jessica Marie. No protected species were relocated.

There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 35				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 06/30/2021						
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 35,171		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 253,459		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85				
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN 0.09		TIME 01:46		MAX 0.95		TIME 14:11		GAGE LOCATION Dauphin Island				
		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		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		07:40		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		08:00		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,629		DUMPING:		00:00		01:46		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		06:07		0.0		
						TOTALS:		00:00		23:33		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 13		TOTAL CYS 35,171		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		00:11		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		00:16		0.0
								TOTALS		00:00		00:27		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 72 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 35
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 06/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 13 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 11 mins due to traffic and 16 mins for crew boat transfers.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. No protected species were relocated.  
There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 37	
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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	9,122	173,215			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.30	TIME 01:02	MAX 0.71	TIME 12:02	GAGE LOCATION		Dauphin Island			
		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	01:34	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	01:13	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	00:11	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,308		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	01:44	0.0		
						TOTALS:	00:00	04:42	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 2		TOTAL CYS 9,122	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	00:00	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	19:18	0.0		
						TOTALS	00:00	19:18	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 74 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 37
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMS.

Miscellaneous 1158 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated. There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 38				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/01/2021						
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							
		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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	39,719	293,178						
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85					
		DENSITY OF WATER			1.0250		GMS/LITER@		80 °F					
RIVER/TIDE STAGE		MIN	0.30	TIME	01:02	MAX	0.71	TIME	12:02	GAGE LOCATION Dauphin Island				
		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		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:	00:00	08:14	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	07:52	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:						00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	4,866		DUMPING:						00:00	01:50	0.0	
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:						00:00	00:00	0.0	
						TO CUT:						00:00	06:04	0.0
						TOTALS:						00:00	24:00	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					
15	39,719	Phase 1 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	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 76 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 38
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 15 loads during the day, disposing the material in Phase 1 ODMDS.

Endangered Species:

No incidents with endangered or protected species on this date.

Turbidity Monitoring:

No exceedances for turbidity measurements on this date.

Relocation Trawling:

Trawling continued with the Jessica Marie. No protected species were relocated. There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 40	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/02/2021	
DREDGE Padre Island		HOPPER CAP: 14800 CY				AVG VOL OF BIN WATER: 10950 CY				AVG UNFILLED CAP: 3850 CY	
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71				DISPOSAL AREA USE Phase 1 ODMDS	
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM		QTY DEPOSITED GROSS(CY) 24,963		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 318,141	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.35		TIME 19:44		MAX 0.79		TIME 07:55		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	06:59	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:09	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	06:50	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	01:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,623		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	04:48	0.0		
						TOTALS:	00:00	20:02	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 11	TOTAL CYS 24,963	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	00:13	0.0		
						MINOR OPERATING REPAIRS	00:00	01:50	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	01:55	0.0		
						TOTALS	00:00	03:58	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 78 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 40
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 11 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 13 mins due to traffic, 36 mins for crew boat transfers, 79 mins for ran aground and 110 mins for repairs on the drag head wire.

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

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

Relocation Trawling:  
Trawling continued with the Jessica Marie. No protected species were relocated.  
There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 39	
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 19	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 4,514	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 177,729			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.35	TIME 19:44	MAX 0.79	TIME 07:55	GAGE LOCATION		Dauphin Island			
		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	01:19	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	00:31	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	00:04	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,703		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:		00:00	00:30	0.0	
						TOTALS:		00:00	02:35	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 1		TOTAL CYS 4,514	DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	01:43	0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:22	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	19:20	0.0	
						TOTALS		00:00	21:25	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 80 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 39
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 1 load for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 103 mins due to weather and 22 mins for traffic

Miscellaneous 1160 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated. There have been 9 relocations to date: 7 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 42	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/03/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS	DREDGE 19		OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 16,166	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 334,307			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 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 18:19	MAX 1.01	TIME 07:18	GAGE LOCATION		Dauphin Island			
		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 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	07:49	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:14	0.0		
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0		TO DUMP:	00:00	06:20	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	2,961		DUMPING:	00:00	01:11	0.0		
GALLONS OF WATER CONSUMED			GAL	1,000		DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	04:51	0.0		
						TOTALS:	00:00	20:25	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 11	TOTAL CYS 16,166	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	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	03:35	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	03:35	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 82 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 42
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/03/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 11 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 14 mins for repairs changing gimbal hoist wire and 201 mins for repairs replacing a drag head wire.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's Ridley was relocated.  
-There have been 10 relocations to date: 8 Kemp's Ridleys and 2 Loggerheads.

<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 405					
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 41					
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/03/2021					
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 Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71				DISPOSAL AREA USE Phase 1 ODMDS					
		QTY DEPOSITED GROSS(CY) 7,992		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 185,721		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 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 18:19		MAX 1.01		TIME 07:18		GAGE LOCATION Dauphin Island					
		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 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		01:39	0.0				
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:13	0.0				
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		01:01	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		00:08	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL		2,235		DISCONNECTING:		00:00		00:00	0.0				
GALLONS OF WATER CONSUMED		GAL		50		TO CUT:		00:00		01:05	0.0				
WORK PERFORMED						TOTALS:		00:00		04:06	0.0				
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:									
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		AGITATING		TOTAL CYS		TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0	
2		7,992		Phase 1 ODMDS		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		00:47	0.0
										TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
										LAY TIME:		00:00		00:00	0.0
										FIRE AND BOAT DRILLS:		00:00		00:00	0.0
										MISCELLANEOUS		00:00		19:07	0.0
										TOTALS		00:00		19:54	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 84 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 41
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 43 mins for repairs on barge generator and 4 mins for repairs on jet pump.

Miscellaneous 1147 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's Ridley was relocated.  
-There have been 10 relocations to date: 8 Kemp's Ridelys and 2 Loggerheads.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 43		
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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	0	185,721				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 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	-0.02	TIME	18:30	MAX	1.21	TIME	07:24	GAGE LOCATION Dauphin Island		
		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	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	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
0	0	Phase 1 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 86 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 43
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging from TSH Ellis Island for Phase 1 on this day.

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
TE#1 – Trawling continued with the Jessica Marie. No protected species were relocated.  
There have been 10 relocations to date: 8 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 44	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/04/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE		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 Bar Channel		STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		25,683	359,990	
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 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	-0.02	TIME	18:30	MAX	1.21	TIME	07:24	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	10:05	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:54	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	06:10	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	01:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,066	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	05:07	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			
11	25,683	Phase 1 ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:21	0.0			
					MINOR OPERATING REPAIRS	00:00	00:10	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 88 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 44
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 11 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 21 mins for traffic and 10 mins for repairs replacing gimbal hoist wire.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's Ridley was relocated.  
-There have been 10 relocations to date: 8 Kemp's Ridelys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 46	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/05/2021	
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 Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		27,592	387,582
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 18:58		MAX 1.36		TIME 07:45		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	09:02	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	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	01:11	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,924		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		200		TO CUT:	00:00	04:46	0.0		
						TOTALS:	00:00	21:53	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 11	TOTAL CYS 27,592	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	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	00:21	0.0		
						TOTALS	00:00	02:07	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 90 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 46
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 11 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 106 mins for traffic, 2 mins for cleaning drag heads and 19 mins for crew boat transfers.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated..  
-There have been 10 relocations to date: 8 Kemp's Ridley's and 2 Loggerheads.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 45		
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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	17,555	203,276				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 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	18:58	MAX	1.36	TIME	07:45	GAGE LOCATION Dauphin Island		
		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	04:07	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	03:29	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,531		DUMPING:	00:00	00:15	0.0				
GALLONS OF WATER CONSUMED		GAL	100		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	02:09	0.0				
					TOTALS:	00:00	10:00	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	00:00	0.0				
5	17,555	Phase 1 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	14:00	0.0				
					TOTALS	00:00	14:00	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 92 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 45
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 5 loads for the day, disposing the material in Phase 1 ODMDS.

Miscellaneous 840 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.  
-There have been 10 relocations to date: 8 Kemp's Ridley's and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 48	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/06/2021	
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 24,917	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 412,499
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 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 -0.22		TIME 19:34		MAX 1.47		TIME 08:14		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	07:19	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:03	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	05:50	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	01:21	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,799		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	04:59	0.0		
						TOTALS:	00:00	20:32	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 10	TOTAL CYS 24,917	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	02:10	0.0		
						MINOR OPERATING REPAIRS	00:00	01:10	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	00:08	0.0		
						TOTALS	00:00	03:28	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 94 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 48
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71 on the red widener side of the channel. Dredge dug 10 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 130 mins for traffic, 8 mins for crew boat transfers and 70 mins for repairs to clear debris in dredge pump.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. One Kemp's ridley was relocated.

-There have been 11 relocations to date: 9 Kemp's Ridleys and 2 Loggerheads.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 47		
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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	8,165	211,441				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		7 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	-0.22	TIME	19:34	MAX	1.47	TIME	08:14	GAGE LOCATION Dauphin Island		
		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	01:24	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	01:36	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,531		DUMPING:	00:00	00:10	0.0				
GALLONS OF WATER CONSUMED		GAL	100		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	02:11	0.0				
					TOTALS:	00:00	05:21	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	8,165	Phase 1 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	02:13	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	16:26	0.0				
					TOTALS	00:00	18:39	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 96 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 47
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 2 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time of 133 mins for traffic.

Miscellaneous 986 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's ridley was relocated.  
-There have been 11 relocations to date: 9 Kemp's Ridleys and 2 Loggerheads.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				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 Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 9,734	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 221,175		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		74 °F	
RIVER/TIDE STAGE		MIN	0.63	TIME	20:36	MAX	2.38	TIME	08:36	GAGE LOCATION Dauphin Island	
		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 / 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	02:24	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	01:53	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	00:24	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,961		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	200		TO CUT:	00:00	02:21	0.0			
						TOTALS:	00:00	07:14	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 9,734	DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:09	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	16:37	0.0		
						TOTALS	00:00	16:46	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 98 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<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:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. Dredge completed 3 loads for the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time:  
9 mins - Weather  
997 mins - 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 99 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 50	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/07/2021			
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 Bar Channel	STA 2093+58 to STA 2189+00			Phase 1 ODMDS	15,464	427,963			
		AVG LENGTH OF CUT 3946 FT		AVG WIDTH OF CUT 662 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	74 °F			
RIVER/TIDE STAGE		MIN 0.63	TIME 20:36	MAX 2.38	TIME 08:36	GAGE LOCATION Dauphin Island					
		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 / 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	8		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	06:26	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:14	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	03:38	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,396		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	01:02	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	05:17	0.0			
9	15,464	Phase 1 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:30	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	02:38	0.0			
					TOTALS	00:00	08:25	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 100 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 50
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+58 and 2189+00 on the red widener side of the channel. Dredge dug 9 loads during the day, disposing the material in Phase 1 ODMDS.

Non-Effective Working Time:

317 mins - Weather

30 mins - Traffic

20 mins - Crew boat transfer

138 mins - Crane lifts

<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 101 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 52	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/08/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 19		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel		REACH DREDGED; STA TO STA STA 2093+58 to STA 2189+00			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 22,758	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 450,721	
		AVG LENGTH OF CUT 3946 FT			AVG WIDTH OF CUT 662 FT			AVG DIST TO DUMP 7 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.28	TIME	21:18	MAX	2.26	TIME	08:18	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	09:43	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:02	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	06:15	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	01:29	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,386		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	04:57	0.0		
						TOTALS:	00:00	23:26	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 11		TOTAL CYS 22,758		DISPOSAL AREA Phase 1 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	00:11	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	00:23	0.0		
						TOTALS	00:00	00:34	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 102 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 52
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+58 and 2189+00 on the red widener side of the channel. The dredge completed 11 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

11 mins - Traffic

23 mins - Crew boat transfer

Padre Island - 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 103 of 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 51		
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				
			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 Bar Channel		STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	22,826	244,001			
			AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL			DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
			DENSITY OF WATER				1.0250	GMS/LITER@	74 °F			
RIVER/TIDE STAGE			MIN	0.28	TIME	21:18	MAX	2.26	TIME	08:18	GAGE LOCATION Dauphin Island	
			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	04:57	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	03:15	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	00:08	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,349		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		300		TO CUT:	00:00	03:05	0.0			
						TOTALS:	00:00	11:57	0.0			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING			AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
5	22,826	Phase 1 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:39	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	11:24	0.0			
						TOTALS	00:00	12:03	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 104 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 51
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the main channel. The dredge completed 5 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
655 mins - Time in Phase 3 contract  
29 mins - Crane lift  
39 mins - Traffic

Ellis Island - 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 105 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 53	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/09/2021	
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	
		Mobile Bar Channel		STA 2093+58 to 2189+59				Phase 1 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
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 0.25		TIME 22:48		MAX 2.23		TIME 10:00		GAGE LOCATION Dauphin Island	
		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 / 79 °F		VISIBILITY 10 MI		WIND 3-10 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	07:26	0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	03:17	0.0	
INDICATORS LAST CHECKED ON		06/21/2021				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	01:26	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,815		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00	04:53	0.0	
NON-EFFECTIVE WORKING TIME:						TOTALS:		00:00	21:55	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 10	TOTAL CYS 26,187	DISPOSAL AREA Phase 1 ODMDS			TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:35	0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	01:03	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	00:27	0.0	
						TOTALS		00:00	02:05	0.0	
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
Crew Boat		Ms. Judy Ewest		700	12:00	CESSATION:		00:00	00:00	0.0	
						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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 53
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+58 and 2189+00 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

63 mins - Traffic

27 mins - Crew boat transfer

35 mins - Weather

Padre Island - 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 107 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 54	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/09/2021			
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 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel		REACH DREDGED; STA TO STA 2093+68 to 2189+59		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 5,613	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 249,614			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 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	0.25	TIME	22:48	MAX	2.23	TIME	10:00		GAGE LOCATION Dauphin Island
		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 / 79 °F		VISIBILITY 10 MI		WIND 3 - 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	01:01	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	00:36	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	00:08	0.0		
GALLONS OF FUEL OIL CONSUMED	GAL		854			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED	GAL		100			TO CUT:	00:00	00:35	0.0		
						TOTALS:	00:00	02:20	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 5,613	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	00:00	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	21:40	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 108 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 54
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/09/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
1300 mins - Time in Phase 3 contract

Ellis Island - 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 109 of 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 56		
CHARACTER OF REPORT			<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/10/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY				
		NO. OF CREW MEMBERS	DREDGE 16		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to 2189+58.71		DISPOSAL AREA USE Phase 1 OMDS	QTY DEPOSITED GROSS(CY) 26,168	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 503,076			
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 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 0.09	TIME 23:18	MAX 2.13	TIME 10:18	GAGE LOCATION Dauphin Island						
		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 8 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	07:31	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	03:19	0.0			
INDICATORS LAST CHECKED ON		06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	05:13	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	4,170		DUMPING:	00:00	01:17	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	04:36	0.0				
					TOTALS:	00:00	21:56	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 10	TOTAL CYS 26,168	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	01:11	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				
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
						MISCELLANEOUS	00:00	00:14	0.0			
						TOTALS	00:00	02:04	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 110 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 56
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+58 and 2189+00 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

71 mins - Traffic

39 mins - Minor Operating Repairs

14 mins - Crew Boat Transfers

Padre Island - 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 111 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 55	
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			REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		Mobile Bar Channel			STA 2093+68 to 2189+58.71		Phase 1 ODMDS	10,885	260,499		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	4 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	0.09	TIME	23:18	MAX	2.13	TIME	10:18	GAGE LOCATION Dauphin Island	
		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 8 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	01:40	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	01:10	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	00:12	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	988		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	00:38	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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
2	10,885	Phase 1 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	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 112 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 55
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
1210 mins - Time in Phase 3 contract (630 mins taking on fuel)

Ellis Island - 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 113 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 57	
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	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 Bar Channel	STA 2093+68 to 2189+58.71		Phase 1 ODMDS	12,580	273,079				
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 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 0.16	TIME 00:06	MAX 2.03	TIME 11:00	GAGE LOCATION Dauphin Island					
		MIN -0.01	TIME 22:30	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	03:14	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	01:57	0.0	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN	0	DUMPING:	00:00	00:15	0.0	DISCONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN	0	TO CUT:	00:00	01:33	0.0	TOTALS:	00:00	07:44	0.0	
GALLONS OF FUEL OIL CONSUMED	GAL	3,552	NON-EFFECTIVE WORKING TIME:								
GALLONS OF WATER CONSUMED	GAL	200	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
WORK PERFORMED			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:06	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS	00:00	00:00	0.0	TRANSFERRING BETWEEN WORKS	00:00	00:00	
3	12,580	Phase 1 ODMDS	0	LAY TIME:	00:00	00:00	0.0	FIRE AND BOAT DRILLS:	00:00	00:00	
				MISCELLANEOUS	00:00	15:10	0.0	TOTALS	00:00	16:16	
				TOTALS	00:00	16:16	0.0	LOST TIME:			
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	CESSATION:	00:00	00:00	
				COLLISIONS:	00:00	00:00	0.0	TOTALS:	00:00	00:00	
				TOTALS:	00:00	00:00	0.0	TOTAL TIME/MILES:	00:00	24:00	
				TOTAL TIME/MILES:	00:00	24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 114 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 57
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
910 mins - Time in Phase 3 contract

Ellis Island - 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 115 of 405			
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 58			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/11/2021					
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS		DREDGE		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 Bar Channel			STA 2093+68 to 2189+58.71			Phase 1 ODMDS		21,440		524,516	
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP					
		750 FT			9600 FT			4 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 0.16		TIME 00:06		MAX 2.03		TIME 11:00		GAGE LOCATION Dauphin Island			
		MIN -0.01		TIME 22:18		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		8		20		EFFECTIVE WORKING TIME:							
AFT		8		20		PUMPING:		00:00		07:41		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		04:09		0.0	
INDICATORS LAST CHECKED ON		06/21/2021				TO DUMP:		00:00		04:54		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		01:12		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		4,067		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		21:51		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
9		21,440		Phase 1 ODMDS		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
								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		Ms. Judy Ewest		700		12:00		MISCELLANEOUS		00:00		00:00	0.0
								TOTALS		00:00		02:09	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 58
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+58 and 2189+00 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

129 mins - Traffic

Padre Island - 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 117 of 405				
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 60				
CHARACTER OF REPORT			<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/12/2021					
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		2				2		7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to 2189+59		DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 8,598		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 8,598		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						1.85		GMS/LITER 1.85				
		DENSITY OF WATER						1.0250		GMS/LITER@ 82 °F				
RIVER/TIDE STAGE		MIN 0.36		TIME 22:18		MAX 2.06		TIME 12:00		GAGE LOCATION Dauphin Island				
		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		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		04:37		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:06		0.0		
INDICATORS LAST CHECKED ON		07/12/2021				TO DUMP:		00:00		03:23		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		00:56		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,958		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		02:26		0.0		
						TOTALS:		00:00		12:28		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 8,598		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		00:08		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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0
								MISCELLANEOUS		00:00		11:24		0.0
								TOTALS		00:00		11:32		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 118 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 60
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:  
Dredge Dodge Island began digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
684 mins - Arrive on Site/Startup Calibrations  
8 mins - Traffic

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

**SAFETY**

Initial equipment inspection performed on the vessel prior to startup.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 59	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/12/2021			
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 Bar Channel		STA 2093+68 to 2189+59			Phase 1 ODMDS		22,076	546,592	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85			GMS/LITER		1.85	
		DENSITY OF WATER			1.0250			GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.36	TIME	22:18	MAX	2.06	TIME	12:00	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	09:23	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	03:18	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	05:12	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	01:29	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,393	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	04:21	0.0			
						TOTALS:	00:00	23:43	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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
9	22,076	Phase 1 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			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Ms. Judy Ewest	700	12:00		MISCELLANEOUS	00:00	00:04	0.0			
					TOTALS	00:00	00:17	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 120 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 59
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

13 mins - Traffic

Padre Island - 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 121 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 62	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/13/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE		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 Bar Channel			2093+68 to 2189+59			Phase 1 ODMDS		25,475	572,067
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		9600 FT			750 FT			4 NM			
DENSITY OF MATERIALS		DENSITY OF MATERIALS			1.85			GMS/LITER		1.85	
		DENSITY OF WATER			1.0250			GMS/LITER@		81 °F	
RIVER/TIDE STAGE		MIN 0.37		TIME 00:30		MAX 2.17		TIME 13:00		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:		00:00	09:02	0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	02:09	0.0	
INDICATORS LAST CHECKED ON		06/21/2021				TO DUMP:		00:00	04:55	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	01:29	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		5,871		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00	05:18	0.0	
						TOTALS:		00:00	22:53	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		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		0.0	
10		25,475		Phase 1 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		0.0	
								MINOR OPERATING REPAIRS		0.0	
								TRANSFERRING BETWEEN WORKS		0.0	
								LAY TIME:		0.0	
								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	
								00:00		24:00	
								0.0		0.0	

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 122 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 62
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

55 mins - Traffic

7 min - Minor Operating Repairs

Padre Island - 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 123 of 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 63				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/13/2021						
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 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to 2189+59			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 16,188		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 24,786		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 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 0.37		TIME 00:30		MAX 2.17		TIME 13:00		GAGE LOCATION Dauphin Island				
		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		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		09:03		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:09		0.0		
INDICATORS LAST CHECKED ON		07/12/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		05:18		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,598		DUMPING:		00:00		02:03		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		04:51		0.0		
						TOTALS:		00:00		22:24		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 8		TOTAL CYS 16,188		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		00:11		0.0
								MINOR OPERATING REPAIRS		00:00		01:25		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		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 124 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 63
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:  
Dredge Dodge Island began digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 8 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
85 mins - Minor Operating Repairs  
11 mins - Traffic

Dodge Island - 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 125 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 61	
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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		20	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to 2189+59		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 9,358	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 282,437		
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 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 0.37	TIME 00:30	MAX 2.17	TIME 13:00	GAGE LOCATION		Dauphin Island			
		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	01:50	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	01:18	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	00:08	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,986		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	01:12	0.0			
					TOTALS:	00:00	04:45	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 2	TOTAL CYS 9,358	DISPOSAL AREA Phase 1 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	19:15	0.0		
						TOTALS	00:00	19:15	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 126 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 61
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
1155 mins - Time in Phase 3 contract

Ellis Island - 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 127 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 64	
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	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 Bar Channel			STA 2093+68 to STA 2189+59		Phase 1 ODMDS	11,394	293,831		
		AVG LENGTH OF CUT		750 FT		AVG WIDTH OF CUT		9600 FT		AVG DIST TO DUMP	4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER	1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@	80 °F		
RIVER/TIDE STAGE		MIN	0.58	TIME	01:00	MAX	1.81	TIME	13:36	GAGE LOCATION Dauphin Island	
		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	02:30	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	01:04	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	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,831			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	35			TO CUT:	00:00	00:46	0.0		
						TOTALS:	00:00	05:03	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	11,394	Phase 1 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:17	0.0		
						MINOR OPERATING REPAIRS	00:00	00:55	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	16:45	0.0		
						TOTALS	00:00	18:57	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 128 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 64
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
77 mins - Traffic  
55 mins - Minor Operating Repairs  
1005 mins - Time in Phase 3 contract

Ellis Island - 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 129 of 405			
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 65			
CHARACTER OF REPORT			<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/14/2021				
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	
				16		2				2		7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 22,590		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 594,657	
		AVG LENGTH OF CUT 750 FT			AVG WIDTH OF CUT 9600 FT			AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						1.85		GMS/LITER 1.85			
		DENSITY OF WATER						1.0250		GMS/LITER@ 80 °F			
RIVER/TIDE STAGE		MIN 0.58		TIME 01:00		MAX 1.81		TIME 13:36		GAGE LOCATION Dauphin Island			
		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		8		20		EFFECTIVE WORKING TIME:							
AFT		8		20		PUMPING:		00:00		09:39		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:29		0.0	
INDICATORS LAST CHECKED ON		06/21/2021				TO DUMP:		00:00		05:16		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		01:30		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,640		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		05:05		0.0	
						TOTALS:		00:00		22:59		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 10		TOTAL CYS 22,590		DISPOSAL AREA Phase 1 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		00:18	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
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
								MISCELLANEOUS		00:00		00:43	0.0
								TOTALS		00:00		01:01	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 130 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 65
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

18 mins - Traffic

35 mins - Crane Lift

8 mins - Crew boat transfer

Padre Island - 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 131 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 66	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/14/2021			
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	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 Bar Channel			STA 2093+68 to 2189+58.71		Phase 1 ODMDS	21,153	45,939		
		AVG LENGTH OF CUT		750 FT		AVG WIDTH OF CUT		9600 FT		AVG DIST TO DUMP	4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.58	TIME	01:00	MAX	1.81	TIME	13:36	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	10:28	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:20	0.0			
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	05:10	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	02:05	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,510		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		TO CUT:	00:00	05:12	0.0			
					TOTALS:	00:00	23:15	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			
10	21,153	Phase 1 ODMDS		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	00:37	0.0		
						TOTALS	00:00	00:45	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 132 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 66
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

26 mins - Clean Draghead

11 mins - Crane Lift

8 mins - Traffic

Dodge Island - 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 133 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 68	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/15/2021			
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 Bar Channel		STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		25,512	620,169	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85			GMS/LITER		1.85	
		DENSITY OF WATER			1.0250			GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.79	TIME	00:06	MAX	1.61	TIME	13:00	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	08:14	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	03:06	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	04:20	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	01:04	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,284	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	05:06	0.0			
						TOTALS:	00:00	21:50	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			
10	25,512	Phase 1 ODMDS		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	01:15	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	00:13	0.0		
						TOTALS	00:00	02:10	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 134 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 68
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

42 mins - Traffic

75 mins - Minor Operating Repairs

13 mins - Crew boat transfer

Padre Island - 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 135 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 67	
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
LOCATION OF WORK		LOCATION CHANNEL				REACH DREDGED; STA TO STA				DISPOSAL AREA USE	
		Mobile Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		AVG LENGTH OF CUT 750 FT				AVG WIDTH OF CUT 9600 FT				AVG DIST TO DUMP 4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.79		TIME 00:06		MAX 1.61		TIME 13:00		GAGE LOCATION Dauphin Island	
		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	04:23	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:39	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	02:18	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	00:18	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	02:24	0.0			
						TOTALS:	00:00	10:02	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		22,953		Phase 1 ODMDS		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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	13:09	0.0		
						TOTALS	00:00	13:58	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 136 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 67
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:

Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 4 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

- 49 mins - Traffic
- 43 mins - Testing fire system
- 746 mins - Time in Phase 3 contract

Ellis Island - 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 137 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 69	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/15/2021			
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 Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		17,841	63,780
		AVG LENGTH OF CUT 750 FT				AVG WIDTH OF CUT 9600 FT				AVG DIST TO DUMP 4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.79		TIME 00:06		MAX 1.61		TIME 13:00		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	08:43	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:56	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	04:51	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	01:48	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,843	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	04:52	0.0			
						TOTALS:	00:00	22:10	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		
9	17,841	Phase 1 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:07	0.0		
						MINOR OPERATING REPAIRS	00:00	01:43	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	01:50	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 138 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 69
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:  
Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
103 mins - Draghead repairs  
7 mins - Traffic

Dodge Island - 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 139 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 72	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/16/2021			
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 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 22,402	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 86,182
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.92		TIME 00:54		MAX 1.51		TIME 12:30		GAGE LOCATION Dauphin Island	
		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 / 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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	08:32	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	03:07	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		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	01:56	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,621		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	05:05	0.0		
						TOTALS:	00:00	23:45	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 9	TOTAL CYS 22,402	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	00:15	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	00:00	0.0		
						TOTALS	00:00	00:15	0.0		
ATTENDANT PLANT						LOST TIME:					
ITEM	NAME OR NUMBER			H.P.	HOURS	MAJOR REPAIRS AND 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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 72
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

15 mins - Traffic

Dodge Island - 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 141 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 70	
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		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 Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		5,435	322,219
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 82 °F	
RIVER/TIDE STAGE		MIN 0.92		TIME 00:54		MAX 1.51		TIME 12:30		GAGE LOCATION Dauphin Island	
		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 / 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	01:20	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:03	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		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	00:03	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		976	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		15	TO CUT:	00:00	00:20	0.0			
						TOTALS:	00:00	02:18	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
1		5,435		Phase 1 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
						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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	21:30	0.0		
						TOTALS	00:00	21:42	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 70
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
12 mins - Traffic  
1290 mins - Time in Phase 3 contract

Ellis Island - 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 143 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 71	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/16/2021	
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 Bar Channel	STA 2093+68 to 2189+58.71				Phase 1 ODMDS		12,216	632,385	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85			GMS/LITER		1.85	
		DENSITY OF WATER			1.0250			GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.92	TIME	00:54	MAX	1.51	TIME	12:30	GAGE LOCATION Dauphin Island	
		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 / 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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	04:46	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	04:16	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	02:41	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	00:33	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,015	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,466	TO CUT:	00:00	02:28	0.0			
						TOTALS:	00:00	14:44	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
5	12,216	Phase 1 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:37	0.0		
						MINOR OPERATING REPAIRS	00:00	07:26	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	00:13	0.0		
						TOTALS	00:00	09:16	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 144 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 71
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 5 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

97 mins - Traffic (x6)

446 mins - Dragarm Repairs

13 mins - Crew boat transfer

Padre Island - 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 145 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 74	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/17/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE		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 Bar Channel		STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		9,897	642,282	
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 1.07	TIME 20:06		MAX 1.84	TIME 07:36		GAGE LOCATION Dauphin Island			
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	03:23	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	03:05	0.0		
INDICATORS LAST CHECKED ON		06/21/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	02:38	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,062		DUMPING:	00:00	00:36	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	01:54	0.0		
						TOTALS:	00:00	11:36	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		9,897	Phase 1 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:48	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	11:36	0.0		
						TOTALS	00:00	12:24	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 146 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 74
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 4 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

48 mins - Traffic (x3)

6 mins - Crew boat transfer

690 mins - Off Project

Padre Island - 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 147 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 73	
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 20	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 5,525	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 327,744			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN 1.07	TIME 20:06	MAX 1.84	TIME 07:36	GAGE LOCATION Dauphin Island					
		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	00:52	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	00:42	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	963	DUMPING:	00:00	00:04	0.0				
GALLONS OF WATER CONSUMED		GAL	4	DISCONNECTING:	00:00	00:00	0.0				
				TO CUT:	00:00	00:30	0.0				
				TOTALS:	00:00	02:08	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 1	TOTAL CYS 5,525	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	00:00	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	21:52	0.0			
					TOTALS	00:00	21:52	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 73
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
1312 mins - Time in Phase 3 contract

Ellis Island - 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 149 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 75	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/17/2021			
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 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 20,249	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 106,431	
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	1.07	TIME	20:06	MAX	1.84	TIME	07:36	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	09:20	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	02:14	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	05:28	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	01:42	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,248		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	04:38	0.0		
						TOTALS:	00:00	23:22	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 8	TOTAL CYS 20,249	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	00:14	0.0		
						MINOR OPERATING REPAIRS	00:00	00:24	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	00:38	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 150 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 75
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:  
Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 8 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
14 mins - Traffic  
24 mins - Minor Operating Repairs

Dodge Island - 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 151 of 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 78				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/18/2021						
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 18,824		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 125,255		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85				
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN 0.73		TIME 16:48		MAX 1.77		TIME 06:24		GAGE LOCATION Dauphin Island				
		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		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		07:52		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:23		0.0		
INDICATORS LAST CHECKED ON		07/12/2021				TO DUMP:		00:00		04:12		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		01:28		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,484		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		05:00		0.0		
						TOTALS:		00:00		19:55		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 9		TOTAL CYS 18,824		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		00:00		0.0
								MINOR OPERATING REPAIRS		00:00		03:44		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		00:21		0.0
								TOTALS		00:00		04:05		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 152 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 78
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

21 mins - Port Draghead Repairs

224 mins - Minor Operating Repairs

Dodge Island - 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 153 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 77	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/18/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY			
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 29,292	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 671,574
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.73		TIME 16:48		MAX 1.77		TIME 06:24		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	06:31	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	04:01	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		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	01:18	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,109	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	05:41	0.0			
						TOTALS:	00:00	23:32	0.0		
NON-EFFECTIVE WORKING TIME:						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
WORK PERFORMED				AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS 11		TOTAL CYS 29,292		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	00:28	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		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	00:28	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 154 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 77
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 11 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

Traffic - 28 mins

Padre Island - 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 155 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 76		
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					
		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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	4,566	332,310					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	80 °F					
RIVER/TIDE STAGE		MIN 0.73	TIME 16:48	MAX 1.77	TIME 06:24	GAGE LOCATION Dauphin Island						
		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	00:58	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	00:34	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	00:05	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL		950		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		10		TO CUT:	00:00	00:50	0.0				
					TOTALS:	00:00	02:27	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
AGITATING					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
1	4,566	Phase 1 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	21:33	0.0				
					TOTALS	00:00	21:33	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 156 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 76
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
1293 mins - Time in Phase 3 contract

Ellis Island - 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 157 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 80		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/19/2021				
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					
		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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	17,713	689,287					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	80 °F					
RIVER/TIDE STAGE		MIN 0.43	TIME 17:42	MAX 2.14	TIME 05:00	GAGE LOCATION Dauphin Island						
		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		8	20		EFFECTIVE WORKING TIME:							
AFT		8	20		PUMPING:	00:00	06:45	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	05:42	0.0					
INDICATORS LAST CHECKED ON 06/21/2021		TO DUMP:	00:00	04:37	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	01:10	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,268		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	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 8	TOTAL CYS 17,713	DISPOSAL AREA Phase 1 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	01:21	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	00:30	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 158 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 80
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 8 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

81 mins - Traffic

30 mins - Crew boat transfers

Padre Island - 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 159 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 79	
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 Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 11,437	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 343,747		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.43	TIME	17:42	MAX	2.14	TIME	05:00	GAGE LOCATION Dauphin Island	
		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	01:39	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	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	00:05	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,263		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	6		TO CUT:	00:00	00:26	0.0			
						TOTALS:	00:00	02:55	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 2	TOTAL CYS 11,437	DISPOSAL AREA Phase 1 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	00:15	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	20:50	0.0		
						TOTALS	00:00	21:05	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 160 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 79
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
15 mins - Traffic  
1250 mins - Time in Phase 3 contract

Ellis Island - 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 161 of 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 81				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/19/2021						
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 18,372		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 143,627		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85				
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN 0.43		TIME 17:42		MAX 2.14		TIME 05:00		GAGE LOCATION Dauphin Island				
		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		8		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		09:12		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		02:27		0.0		
INDICATORS LAST CHECKED ON		07/12/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		04:57		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,519		DUMPING:		00:00		01:43		0.0		
GALLONS OF WATER CONSUMED		GAL		300		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		04:10		0.0		
						TOTALS:		00:00		22:29		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 8		TOTAL CYS 18,372		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		00:20		0.0
								MINOR OPERATING REPAIRS		00:00		00:55		0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0
								LAY TIME:		00:00		00:00		0.0
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		01:31		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 162 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 81
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 8 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

20 mins - Traffic

16 mins - Crew boat transfer

55 mins - Minor Operating Repairs

Dodge Island - 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 163 of 405			
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 84			
CHARACTER OF REPORT			<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/20/2021				
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	
				16		2				2		7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 17,227		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 160,854	
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85			
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F			
RIVER/TIDE STAGE		MIN 0.44		TIME 19:12		MAX 2.42		TIME 08:24		GAGE LOCATION Dauphin Island			
		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		8		20		EFFECTIVE WORKING TIME:							
AFT		8		20		PUMPING:		00:00		08:56		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		03:18		0.0	
INDICATORS LAST CHECKED ON		07/12/2021				TO DUMP:		00:00		05:27		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		01:48		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,639		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		800		TO CUT:		00:00		04:14		0.0	
						TOTALS:		00:00		23:43		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 9		TOTAL CYS 17,227		DISPOSAL AREA Phase 1 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		00:10	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		00:07	0.0
								TOTALS		00:00		00:17	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 164 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 84
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dodge Island:  
Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
10 mins - Traffic  
7 mins - Crew boat transfer

Dodge Island - 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 165 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 82	
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	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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	0	343,747				
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85				
		DENSITY OF WATER			1.0250	GMS/LITER@	80 °F				
RIVER/TIDE STAGE		MIN 0.44	TIME 19:12	MAX 2.42	TIME 08:24	GAGE LOCATION Dauphin Island					
		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	00:49	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	00:08	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	00:34	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,199		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	18		DUMPING:	00:00	00:04	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				
0	0	Phase 1 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	00:39	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	21:06	0.0			
					TOTALS	00:00	21:45	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 166 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 82
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Ellis Island:  
Dredge Ellis Island continued dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 0 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:  
39 mins - Traffic  
1266 mins - Time in Phase 3 contract

Ellis Island - 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 167 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 83	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK								DATE 07/20/2021	
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	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 Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		12,295	701,582
		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 750 FT				AVG DIST TO DUMP 4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.44		TIME 19:12		MAX 2.42		TIME 08:24		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	07:25	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	03:53	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	04:11	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	01:20	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,882	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,500	TO CUT:	00:00	03:47	0.0			
						TOTALS:	00:00	20:36	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		
8	12,295	Phase 1 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:40	0.0		
						MINOR OPERATING REPAIRS	00:00	02:04	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	00:40	0.0		
						TOTALS	00:00	03:24	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 168 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 83
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Padre Island:

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 8 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time:

40 mins - Traffic (x3)

40 mins - Crew boat transfer (x2)

124 mins - Clear debris from dragheads

Padre Island - 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 169 of 405	
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 85	
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 Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 12,146	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 355,893	
			AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM				
CHARACTER OF MATERIAL			DENSITY OF MATERIALS			1.85		GMS/LITER		1.85	
			DENSITY OF WATER			1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE			MIN -0.43	TIME 20:14	MAX 1.75	TIME 08:17	GAGE LOCATION Dauphin Island				
			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 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	02:45	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	01:25	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						FT/MIN	0				
AVERAGE SPEED OF DREDGE DURING AGITATING						FT/MIN	0				
GALLONS OF FUEL OIL CONSUMED						GAL	1,481				
GALLONS OF WATER CONSUMED						GAL	14				
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING						AGITATING					
NO.OF LOADS 3	TOTAL CYS 12,146	DISPOSAL AREA Phase 1 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	00:41	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	17:04	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 170 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 85
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 41 mins for traffic.

Miscellaneous 1024 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 86				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/21/2021						
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 Bar Channel			STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		14,841		716,423		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85				
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN -0.43		TIME 20:14		MAX 1.75		TIME 08:17		GAGE LOCATION Dauphin Island				
		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 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		08:29		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:19		0.0		
INDICATORS LAST CHECKED ON		06/21/2021				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		01:38		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,882		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:		00:00		04:45		0.0		
						TOTALS:		00:00		20:18		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	
9		14,841		Phase 1 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		01:37	0.0	
								MINOR OPERATING REPAIRS		00:00		00:00		0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0
								LAY TIME:		00:00		00:00		0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0
								MISCELLANEOUS		00:00		02:05		0.0
								TOTALS		00:00		03:42		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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 86
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 97 mins for traffic, 17 mins for crew boat transfers and 108 mins for released of turtle.

**Endangered Species:**

A fresh dead Kemps ridley (*L. kempii*) was recovered from the starboard draghead on the Padre Island tonight at Mobile Phase 1 following Load # 308 (Incident Report and photos of the take attached).

A live, uninjured green turtle (*C. mydas*) was recovered from the port draghead on the Padre Island tonight. After receiving approval from USACE the turtle was relocated via the dredge more than 3 NM from the work area and released in good condition (Incident Report and photos of the relocation are attached).

The carcass has been photographed, measured, and genetically sampled. It is being kept on ice onboard the dredge, and awaits final disposition as directed by the USACE

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 87	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/21/2021			
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
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 Bar Channel			STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		15,295	176,149
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN -0.43		TIME 20:14		MAX 1.75		TIME 08:17		GAGE LOCATION Dauphin Island	
		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 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	09:33	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:24	0.0		
INDICATORS LAST CHECKED ON		07/12/2021		TO DUMP:	00:00	05:36	0.0	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:	00:00	02:28	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,700		TO CUT:	00:00	05:21	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TOTALS:	00:00	23:22	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
9		15,295		Phase 1 ODMDS		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	00:10	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	00:10	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 174 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 87
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 18 mins for traffic, 3 mins for removing a cable from drag head, 7 mins for crew boat transfer and 10 mins for repairs drag head hoist.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 88	
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	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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	5,876	361,769		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	-0.45	TIME	21:21	MAX	1.82	TIME	09:10	GAGE LOCATION	Dauphin Island
		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	00:56	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:15	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		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	00:18	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,481		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	0		TO CUT:	00:00	02:00	0.0			
						TOTALS:	00:00	04:46	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		
2	5,876	Phase 1 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	01:23	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:36	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	17:15	0.0		
						TOTALS	00:00	19:14	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 176 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 88
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 36 mins for traffic and 83 mins for weather.

Miscellaneous 1035 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 90	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/22/2021			
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				
		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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	4,778	180,927			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		4 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER	1.85			
		DENSITY OF WATER			1.0250		GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN	-0.45	TIME	09:10	MAX	1.82	TIME	21:21		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
		GAGE LOCATION				Dauphin Island					
		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		8	20			EFFECTIVE WORKING TIME:					
AFT		8	20			PUMPING:	00:00	02:25	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:40	0.0		
INDICATORS LAST CHECKED ON		07/12/2021			TO DUMP:	00:00	01:49	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	00:37	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	3,746			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	1,000			TO CUT:	00:00	01:08	0.0		
					TOTALS:	00:00	06:39	0.0			
NON-EFFECTIVE WORKING TIME:					TAKING ON FUEL AND SUPPLIES	00:00	10:34	0.0			
WORK PERFORMED					TO AND FROM WHARF OR ANCHORAGE:	00:00	06:06	0.0			
DREDGING AND HAULING		AGITATING			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:41	0.0			
3	4,778	Phase 1 ODMDS	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	17:21	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 178 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 90
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 41 mins for traffic, 186 mins sail to dock, 634 mins for fuel and supplies and 180 mins sail back from dock.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 89	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/22/2021			
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 Bar Channel		STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		14,510	730,933	
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	-0.45	TIME	21:21	MAX	1.82	TIME	09:10	GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	09:37	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	01:10	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	05:08	0.0	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:	00:00	01:15	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,592		TO CUT:	00:00	04:07	0.0		
GALLONS OF WATER CONSUMED		GAL		1,500		TOTALS:	00:00	21:17	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			
10	14,510	Phase 1 ODMDS		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			
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	01:28	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 180 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 89
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 75 mins for traffic, 18 mins for crew boat transfers and 70 mins continued returning turtle.

**Endangered Species:**

No incidents with endangered or protected species on this date.

As directed by USACE, the L. Kempii take from 7/21/21 was marked, weighted down and disposed at disposal site at 1744.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 93				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/23/2021						
DREDGE Dodge Island		HOPPER CAP: 14800 CY			AVG VOL OF BIN WATER: 10950 CY			AVG UNFILLED CAP: 3850 CY						
		NO. OF CREW MEMBERS		DREDGE 16		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 13,307		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 194,234		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85				
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN -0.41		TIME 22:27		MAX 1.81		TIME 10:04		GAGE LOCATION Dauphin Island				
		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 / 92 °F		VISIBILITY 10 MI		WIND 5-10 NNW 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		09:11		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:04		0.0		
INDICATORS LAST CHECKED ON		07/12/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		05:55		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,700		DUMPING:		00:00		02:24		0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		05:56		0.0		
						TOTALS:		00:00		23:30		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 10		TOTAL CYS 13,307		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		00:30		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		00:00		0.0
								TOTALS		00:00		00:30		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 182 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 93
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. at approximately 1700, dredge Dodge Island was updated with new background and began digging green side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 30 mins for traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 92		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/23/2021				
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					
		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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	12,535	743,468					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	80 °F					
RIVER/TIDE STAGE		MIN	-0.41	TIME	22:27	MAX	1.81	TIME	10:04	GAGE LOCATION Dauphin Island		
		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 / 92 °F	VISIBILITY 10 MI	WIND 5-10 NNW 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	10:56	0.0				
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:04	0.0				
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	05:53	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	01:19	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	4,338		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	1,500		TO CUT:	00:00	04:54	0.0				
					TOTALS:	00:00	23:06	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				
10	12,535	Phase 1 ODMDS		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	00:46	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	00:00	0.0				
					TOTALS	00:00	00:54	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 184 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 92
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red widener side of the channel. Starting on load 326, the dredge began focusing on the green toe. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 8 mins for traffic and 46 mins for repairs removing anchor chain from port drag head.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 185 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 91	
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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	2,127	363,896		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	-0.41	TIME	22:27	MAX	1.81	TIME	10:04	GAGE LOCATION	Dauphin Island
		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 / 92 °F		VISIBILITY 10 MI	WIND 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	00:51	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	00:48	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		750		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:	00:00	00:03	0.0		
						TOTALS:	00:00	01:46	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		
1		2,127	Phase 1 ODMDS		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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	22:06	0.0		
						TOTALS	00:00	22:14	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 186 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 91
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 8 mins for traffic.

Miscellaneous 1326 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 95	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/24/2021			
DREDGE Padre Island		HOPPER CAP: 14800 CY		AVG VOL OF BIN WATER: 10950 CY		AVG UNFILLED CAP: 3850 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 15,674	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 759,142			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER		1.85		
		DENSITY OF WATER				1.0250	GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN -0.32	TIME 23:24	MAX 1.75	TIME 10:57	GAGE LOCATION Dauphin Island					
		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	20		EFFECTIVE WORKING TIME:							
AFT	8	20		PUMPING:	00:00	10:34	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	01:47	0.0				
INDICATORS LAST CHECKED ON 06/21/2021				TO DUMP:	00:00	04:38	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	01:10	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,626	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	05:09	0.0				
				TOTALS:	00:00	23:18	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
NO.OF LOADS 10	TOTAL CYS 15,674	DISPOSAL AREA Phase 1 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	00:12	0.0				
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
				LAY TIME:	00:00	00:00	0.0				
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
				MISCELLANEOUS	00:00	00:30	0.0				
				TOTALS	00:00	00:42	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 95
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 12 mins for repairs Stbd drag head observator hose and 30 mins for crew boat transfers.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 96	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" 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	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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	6,769	201,003			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		4 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER	1.85			
		DENSITY OF WATER			1.0250		GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN	-0.32	TIME	23:24	MAX	1.75	TIME	10:57		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
		GAGE LOCATION			Dauphin Island		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		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	04:51	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:40	0.0			
INDICATORS LAST CHECKED ON	07/12/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	02:33	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,700		DUMPING:	00:00	00:49	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	03:08	0.0			
					TOTALS:	00:00	12:01	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			
5	6,769	Phase 1 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:27	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	11:32	0.0			
					TOTALS	00:00	11:59	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 190 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 96
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Dodge Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. After load 103, the Dodge Island switched contracts on this day and began work in the outbound end of Phase 3.

Non-Effective Working Time of 27 mins for repairs on a fuel line and 9 mins for cleaning the drag heads.

Miscellaneous 692 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 94	
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				
		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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	8,766	372,662		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		4 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	80 °F			
RIVER/TIDE STAGE		MIN	-0.32	TIME	23:24	MAX	1.75	TIME	10:57		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
		GAGE LOCATION				Dauphin Island					
		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	02:22	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	01:03	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	01:10	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	750			DUMPING:	00:00	00:08	0.0		
GALLONS OF WATER CONSUMED		GAL	0			DISCONNECTING:	00:00	00:00	0.0		
					TO CUT:	00:00	01:35	0.0			
					TOTALS:	00:00	06:18	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	8,766	Phase 1 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	16:13	0.0			
					TOTALS	00:00	17:42	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 192 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 94
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 89 mins for traffic.

Miscellaneous 973 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 99	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" 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 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 4,526	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 205,529
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN -0.03		TIME 00:01		MAX 1.62		TIME 11:46		GAGE LOCATION Dauphin Island	
		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		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	02:12	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	01:05	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	00:23	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	01:17	0.0			
						TOTALS:	00:00	04:57	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS 3		TOTAL CYS 4,526		DISPOSAL AREA Phase 1 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	19:03	0.0		
						TOTALS	00:00	19:03	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 99
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Miscellaneous 1143 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's ridley was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 97		
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 20		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 10,144	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 382,806		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F		
RIVER/TIDE STAGE		MIN	0.03	TIME	00:01	MAX	1.62	TIME	11:46	GAGE LOCATION Dauphin Island		
		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	02:15	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:19	0.0			
INDICATORS LAST CHECKED ON		05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	01:35	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		750		DUMPING:	00:00	00:11	0.0			
GALLONS OF WATER CONSUMED		GAL		20		DISCONNECTING:	00:00	00:00	0.0			
						TO CUT:	00:00	01:50	0.0			
						TOTALS:	00:00	06:10	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 10,144	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	01:11	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	16:39	0.0			
						TOTALS	00:00	17:50	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 196 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 97
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 71 mins for traffic.

Miscellaneous 999 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One Kemp's ridley was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 98		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/25/2021				
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					
		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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	13,984	773,126					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 720 FT		AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	86 °F					
RIVER/TIDE STAGE		MIN 0.03	TIME 00:01	MAX 1.62	TIME 11:46	GAGE LOCATION Dauphin Island						
		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	20		EFFECTIVE WORKING TIME:							
AFT		8	20		PUMPING:	00:00	08:36	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	02:05	0.0					
INDICATORS LAST CHECKED ON 06/21/2021		TO DUMP:	00:00	04:59	0.0							
		CONNECTING:	00:00	00:00	0.0							
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		DUMPING:	00:00	01:18	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,681		TO CUT:	00:00	04:33	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000		TOTALS:	00:00	21:31	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 9	TOTAL CYS 13,984	DISPOSAL AREA Phase 1 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	01:10	0.0				
					MINOR OPERATING REPAIRS	00:00	00:42	0.0				
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
					LAY TIME:	00:00	00:00	0.0				
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
					MISCELLANEOUS	00:00	00:37	0.0				
					TOTALS	00:00	02:29	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 198 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 98
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 70 mins for traffic, 37 mins for crew boat transfers, and 42 mins for repairs port jet hose.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. One Kemp's ridley was relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 102	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" 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 Bar Channel		STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		2,082	207,611	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85			GMS/LITER		1.85	
		DENSITY OF WATER			1.0250			GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN	-0.17	TIME	00:10	MAX	1.44	TIME	12:29	GAGE LOCATION Dauphin Island	
		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		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	01:30	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	01:41	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	00:53	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	01:50	0.0			
WORK PERFORMED						TOTALS:	00:00	05:54	0.0		
DREDGING AND HAULING						AGITATING	NON-EFFECTIVE WORKING TIME:				
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0
2		2,082		Phase 1 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	00:00	0.0
								MISCELLANEOUS	00:00	18:06	0.0
								TOTALS	00:00	18:06	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 200 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 102
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMS.

Miscellaneous 1086 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 101	
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	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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	0	382,806		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN	-0.17	TIME	00:10	MAX	1.44	TIME	12:29	GAGE LOCATION Dauphin Island	
		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	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	196	DUMPING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	0	DISCONNECTING:	00:00	00:00	0.0				
				TO CUT:	00:00	00:30	0.0				
				TOTALS:	00:00	00:30	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		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
0		0	Phase 1 ODMDS	0	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			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	23:26	0.0		
						TOTALS	00:00	23:30	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 202 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 101
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY). Load 90 dug and disposed 7/25 but will be reported when they resume digging back in Phase 1.

Non-Effective Working Time of 4 mins for traffic.

Miscellaneous 1406 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 100	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/26/2021			
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				
		16	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 15,264	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 788,390		
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 720 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER	1.85			
		DENSITY OF WATER			1.0250		GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN	-0.17	TIME	00:10	MAX	1.44	TIME	12:29		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
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	20		EFFECTIVE WORKING TIME:						
AFT		8	20		PUMPING:	00:00	08:23	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	03:24	0.0			
INDICATORS LAST CHECKED ON		06/21/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	04:30	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,814		DUMPING:	00:00	01:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	03:59	0.0			
					TOTALS:	00:00	21:16	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			
9	15,264	Phase 1 ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	01:34	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	01:10	0.0		
						TOTALS	00:00	02:44	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 100
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 9 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 24 mins for repairs Stbd gimble winch, 57 mins for dredge computer, 19 mins for crew boat transfers and 64 mins for repairs removing a stuck item from pump.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 104		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/27/2021				
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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	17,902	806,292				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		720 FT		AVG DIST TO DUMP		4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85				
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F				
RIVER/TIDE STAGE		MIN	0.02	TIME	00:40	MAX	1.21	TIME	13:05	GAGE LOCATION		Dauphin Island
		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	20			EFFECTIVE WORKING TIME:						
AFT		8	20			PUMPING:	00:00	08:37	0.0			
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	02:56	0.0			
INDICATORS LAST CHECKED ON		06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	05:22	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,521			DUMPING:	00:00	01:16	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000			DISCONNECTING:	00:00	00:00	0.0			
						TO CUT:	00:00	04:35	0.0			
						TOTALS:	00:00	22:46	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			
10	17,902	Phase 1 ODMDS	0			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:09	0.0			
						MINOR OPERATING REPAIRS	00:00	00:22	0.0			
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
						LAY TIME:	00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
						MISCELLANEOUS	00:00	00:43	0.0			
						TOTALS	00:00	01:14	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 206 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 104
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 22 mins for repairs cleaning drag heads, 43 mins for crew boat transfers, and 9 mins for traffic.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 105		
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" 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					
		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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	0	207,611				
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP		4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F		
RIVER/TIDE STAGE		MIN	0.02	TIME	00:40	MAX	1.21	TIME	13:05	GAGE LOCATION Dauphin Island		
		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		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		07/12/2021										
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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
0	0	Phase 1 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 208 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 105
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 07/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No Dredging for the Dodge Island for Phase 1 on this day.

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 103	
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	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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	11,966	394,772			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		4 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN	0.02	TIME	00:40	MAX	1.21	TIME	13:05	GAGE LOCATION Dauphin Island	
		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	02:16	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:08	0.0			
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	01:35	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,124		DUMPING:	00:00	00:11	0.0			
GALLONS OF WATER CONSUMED		GAL	23		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	01:20	0.0			
					TOTALS:	00:00	05:30	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	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
3	11,966	Phase 1 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	18:30	0.0			
					TOTALS	00:00	18:30	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 210 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 103
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 21 mins for dredge computer update.

Miscellaneous 1089 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405			
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 107			
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/28/2021					
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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	14,764	821,056					
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		720 FT		AVG DIST TO DUMP		4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85					
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F					
RIVER/TIDE STAGE		MIN	0.25	TIME	00:38	MAX	0.96	TIME	13:26	GAGE LOCATION		Dauphin Island	
		MIN	0.46	TIME	23:24	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			5-13 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	10:23	0.0				
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	01:57	0.0				
INDICATORS LAST CHECKED ON		06/21/2021											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	05:47	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,559			DUMPING:	00:00	01:08	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000			DISCONNECTING:	00:00	00:00	0.0				
						TO CUT:	00:00	04:09	0.0				
						TOTALS:	00:00	23:24	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			
10		14,764	Phase 1 ODMDS	0			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:13	0.0			
						MINOR OPERATING REPAIRS	00:00	00:23	0.0				
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
						LAY TIME:	00:00	00:00	0.0				
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	00:36	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 212 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 107
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 20 mins for repairs cleared debris from drag head, 3 mins for checking pump for debris and 13 mins for traffic.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One L. Kempii was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 106		
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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	7,112	401,884					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	86 °F					
RIVER/TIDE STAGE		MIN 0.25	TIME 00:38	MAX 0.96	TIME 13:26	GAGE LOCATION Dauphin Island						
		MIN 0.46	TIME 23:24	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 5-13 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	02:43	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	01:15	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	00:08	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,124		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	23		TO CUT:	00:00	00:49	0.0				
					TOTALS:	00:00	05:13	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 <td colspan="1">DISPOSAL AREA <td colspan="1">TOTAL CYS <td colspan="1">TO AND FROM WHARF OR ANCHORAGE:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td> <td colspan="2"></td> </td></td>	DISPOSAL AREA <td colspan="1">TOTAL CYS <td colspan="1">TO AND FROM WHARF OR ANCHORAGE:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td> <td colspan="2"></td> </td>	TOTAL CYS <td colspan="1">TO AND FROM WHARF OR ANCHORAGE:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td> <td colspan="2"></td>	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
2		7,112	Phase 1 ODMDS	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
					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				
ITEM		NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
					MISCELLANEOUS	00:00	18:43	0.0				
					TOTALS	00:00	18:47	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 214 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 106
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 4 mins for traffic.

Miscellaneous 1123 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One L. Kempii was relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 108	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/29/2021			
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 19,014	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 840,070			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 720 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN 0.55	TIME 21:00	MAX 0.72	TIME 12:03	GAGE LOCATION Dauphin Island					
		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		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	09:30	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	02:43	0.0			
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	05:14	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	4,051		DUMPING:	00:00	01:29	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	04:38	0.0			
					TOTALS:	00:00	23:34	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 11	TOTAL CYS 19,014	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	00:21	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	00:26	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 216 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 108
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 11 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 21 mins for traffic, and 5 mins for crew boat transfers.

**Endangered Species:**

No incidents with endangered or protected species on this date.

**Turbidity Monitoring:**

No exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 109	
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 Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 401,884			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN 0.55	TIME 21:00	MAX 0.72	TIME 12:03	GAGE LOCATION Dauphin Island					
		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	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			
					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 1 ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	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	24:00	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 218 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 109
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 07/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY). Load 95 remains open until next Phase 1 Load begins.

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 110	
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 4,873	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 406,757			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.43	TIME 17:27	MAX 0.85	TIME 05:34	GAGE LOCATION Dauphin Island					
		MIN 0.00	TIME 23:24	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	00:21	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	00:49	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	00:03	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		955		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		50		TO CUT:	00:00	00:17	0.0		
						TOTALS:	00:00	01:30	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 1	TOTAL CYS 4,873	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	00:00	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	22:30	0.0		
						TOTALS	00:00	22:30	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 220 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 110
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMS.

Miscellaneous 1350 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No turbidity sample taken on this day.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 111				
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/30/2021						
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 Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 14,101	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 854,171						
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 720 FT		AVG DIST TO DUMP 4 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85						
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F						
RIVER/TIDE STAGE		MIN 0.43	TIME 17:27	MAX 0.85	TIME 05:34	GAGE LOCATION Dauphin Island								
		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	8		20		EFFECTIVE WORKING TIME:									
AFT	8		20		PUMPING:	00:00	09:18	0.0						
DRAG DEPTH	MAX 0	MIN 0	TURNING:								00:00	01:55	0.0	
INDICATORS LAST CHECKED ON	06/21/2021										TO DUMP:	00:00	04:50	0.0
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN	0	CONNECTING:	00:00	00:00	0.0	DUMPING:	00:00	01:24	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL	3,798	TO CUT:	00:00	04:06	0.0	TO CUT:	00:00	04:06	0.0				
GALLONS OF WATER CONSUMED	GAL	1,000	TOTALS:	00:00	21:33	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 8	TOTAL CYS 14,101	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	00:00	0.0							
				MINOR OPERATING REPAIRS	00:00	02:08	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	00:19	0.0						
					TOTALS	00:00	02:27	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 222 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 111
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 11 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 26 mins for repairs on port jet hose, 102 mins for swing compass installation, and 19 mins for crew boat transfers.

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

Turbidity Monitoring:  
No turbidity sample taken on this day.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405				
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 114				
CHARACTER OF REPORT			<input type="checkbox"/> MAINTENANCE <input checked="" 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		
				16		2				2		7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 1,765		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 209,376		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						1.85		GMS/LITER 1.85				
		DENSITY OF WATER						1.0250		GMS/LITER@ 86 °F				
RIVER/TIDE STAGE		MIN 0.24		TIME 16:45		MAX 1.06		TIME 05:23		GAGE LOCATION Dauphin Island				
		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		20		EFFECTIVE WORKING TIME:								
AFT		8		20		PUMPING:		00:00		00:31		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON		07/12/2021												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		00:30		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,000		DUMPING:		00:00		00:09		0.0		
GALLONS OF WATER CONSUMED		GAL		0		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		00:31		0.0		
						TOTALS:		00:00		01:41		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 1		TOTAL CYS 1,765		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		00:00		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		22:19		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 224 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 114
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the green side of the channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMDS.

Miscellaneous 1339 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 112	
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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	2,894	409,651		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	4 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER	1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@	86 °F		
RIVER/TIDE STAGE		MIN	0.24	TIME	16:45	MAX	1.06	TIME	05:23	GAGE LOCATION Dauphin Island	
		MIN	0.00	TIME	23:24	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	01:15	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	00:31	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	00:03	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		464		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	00:21	0.0		
						TOTALS:	00:00	02:10	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	00:00	0.0		
1		2,894	Phase 1 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	21:50	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 226 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 112
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMS.

Miscellaneous 1310 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 113	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 07/31/2021			
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 13,852	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 868,023			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 720 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN 0.24	TIME 16:45	MAX 1.06	TIME 05:23	GAGE LOCATION Dauphin Island					
		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		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	11:08	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:53	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	05:13	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	3,437		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	01:20	0.0			
WORK PERFORMED					DISCONNECTING:	00:00	00:00	0.0			
DREDGING AND HAULING		AGITATING		NON-EFFECTIVE WORKING TIME:							
NO.OF LOADS 10	TOTAL CYS 13,852	DISPOSAL AREA Phase 1 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	00:09	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	01:37	0.0			
					TOTALS	00:00	01:46	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 228 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 113
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 07/31/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 9 mins for traffic, 29 mins for crew boat transfers, 63 mins for drag arm computer and 5 mins for clearing debris from pump.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 116		
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	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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	0	409,651					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 4 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	86 °F					
RIVER/TIDE STAGE		MIN 0.10	TIME 17:06	MAX 1.24	TIME 05:44	GAGE LOCATION Dauphin Island						
		MIN 0.00	TIME 23:24	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	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 1 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				
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	24:00	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 230 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 116
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY). Load 97 remains open until next Phase 1 Load begins.

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 117	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" 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 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS		QTY DEPOSITED GROSS(CY) 2,049	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 211,425
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.10		TIME 17:06		MAX 1.24		TIME 05:44		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	00:45	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	00:31	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	00:05	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,746		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:	00:00	00:39	0.0		
						TOTALS:	00:00	02:00	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 2	TOTAL CYS 2,049	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	00:00	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	22:00	0.0		
						TOTALS	00:00	22:00	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 232 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 117
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

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 exceedances for turbidity measurements on this date.

**Relocation Trawling:**

Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 115	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/01/2021			
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 12,391	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 880,414			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 720 FT		AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN 0.10	TIME 17:06	MAX 1.24	TIME 05:44	GAGE LOCATION Dauphin Island					
		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	8		20		EFFECTIVE WORKING TIME:						
AFT	8		20		PUMPING:	00:00	11:16	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TURNING:	00:00	00:32	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		TO DUMP:	00:00	05:03	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,714		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,000		DUMPING:	00:00	01:37	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 10	TOTAL CYS 12,391	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	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	01:23	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	01:23	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 234 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 115
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 10 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 83 mins for clearing debris from pump.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 118				
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	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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	0	409,651					
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85				
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F				
RIVER/TIDE STAGE		MIN	-0.01	TIME	17:42	MAX	1.38	TIME	06:15	GAGE LOCATION Dauphin Island				
		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 / 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												
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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0	
0	0	Phase 1 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	24:00	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 236 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 118
<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.

No loads completed for the Ellis Island on this day (0 CY). Load 97 remains open until next Phase 1 Load begins.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 119	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" 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	
		Mobile Bar Channel		STA 2093+68 to STA 2189+58.71				Phase 1 ODMDS		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		AVG LENGTH OF CUT 9600 FT				AVG WIDTH OF CUT 720 FT				AVG DIST TO DUMP 4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN -0.01		TIME 17:42		MAX 1.38		TIME 06:15		GAGE LOCATION Dauphin Island	
		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		8		20		EFFECTIVE WORKING TIME:					
AFT		8		20		PUMPING:	00:00	07:31	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	02:29	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	04:01	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	01:08	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,451	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	03:15	0.0			
						TOTALS:	00:00	18:24	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
8		10,505		Phase 1 ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:10	0.0		
						MINOR OPERATING REPAIRS	00:00	01:05	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	04:21	0.0		
						TOTALS	00:00	05:36	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 238 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 119
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 8 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 36 mins for traffic, and 65 mins for clearing debris from pump.

Miscellaneous 235 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 120	
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		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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS		5,171	896,090		
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.29	TIME	19:12	MAX	2.00	TIME	07:24		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
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	04:37	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	04:12	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	02:40	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	00:38	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,187		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	02:11	0.0		
						TOTALS:	00:00	14:18	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	5,171	Phase 1 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	09:42	0.0		
						TOTALS	00:00	09:42	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 120
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 4 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 5 mins for crew boat transfer, and 28 mins for a crane lift.

Miscellaneous 549 mins delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 121	
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 3,336	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 412,987			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.32	TIME 20:12	MAX 2.11	TIME 08:54	GAGE LOCATION		Dauphin Island			
		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	00:51	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	00:37	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	00:04	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		1,235		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	00:45	0.0		
						TOTALS:	00:00	02:29	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 1	TOTAL CYS 3,336	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	00:00	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	21:31	0.0		
						TOTALS	00:00	21:31	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 121
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 loads for the day, disposing of all material in the Phase 1 ODMDS.

Delays: None

Miscellaneous 1075 min delay accounts for time spent in Phase 3 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 for turbidity measurements on this date.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 122	
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				
		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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	7,170	903,260		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER	1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@	82 °F		
RIVER/TIDE STAGE		MIN	0.32	TIME	20:12	MAX	2.11	TIME	08:54	GAGE LOCATION Dauphin Island	
		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	04:57	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	04:23	0.0			
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	02:57	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	01:07	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	04:13	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		
5	7,170	Phase 1 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	00:00	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	06:12	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 244 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 122
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/05/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 5 loads for the day, disposing of the material in Phase 1 ODMDS.

Delays: Traffic - 11 mins

Miscellaneous 372 min delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 123	
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	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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	4,686	417,673			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85		
		DENSITY OF WATER			1.0250		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.43	TIME 20:48	MAX 2.30	TIME 09:36	GAGE LOCATION Dauphin Island					
		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	00:54	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	00:34	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	00:04	0.0			
GALLONS OF FUEL OIL CONSUMED	GAL		1,319		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED	GAL		100		TO CUT:	00:00	01:03	0.0			
					TOTALS:	00:00	02:59	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	4,686	Phase 1 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			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	20:50	0.0			
					TOTALS	00:00	21:01	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 246 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 123
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Delays: Traffic - 11 min

Miscellaneous 1250 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One loggerhead was relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 124		
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 Bar Channel	STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	2,212	905,472					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN 0.43	TIME 20:48	MAX 2.30	TIME 09:36	GAGE LOCATION Dauphin Island						
		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	01:56	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	04:12	0.0					
INDICATORS LAST CHECKED ON 06/21/2021		TO DUMP:	00:00	00:33	0.0							
		CONNECTING:	00:00	00:00	0.0							
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		DUMPING:	00:00	00:04	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,486		TO CUT:	00:00	00:40	0.0				
GALLONS OF WATER CONSUMED		GAL	1,000		TOTALS:	00:00	07:25	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 2	TOTAL CYS 2,212	DISPOSAL AREA Phase 1 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	00:11	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	16:24	0.0				
					TOTALS	00:00	16:35	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 248 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 124
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Delays: Traffic - 11 min

Miscellaneous 984 min delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. One loggerhead was relocated.

<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 250 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 126
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 6 loads for the day, disposing of the material in Phase 1 ODMDS.

Delays: De-watering hopper - 36 min, Minor Repairs - 24 min, Inspect hopper - 8 min, Crew boat transfer - 4 min

Miscellaneous 0 min delay accounts for time in Phase 3 contract. (No time in Phase 3)

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 125	
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				
		19	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 13,633	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 431,306		
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85		
		DENSITY OF WATER			1.0250		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN 0.41	TIME 21:18	MAX 2.25	TIME 10:54	GAGE LOCATION Dauphin Island					
		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 / 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	02:29	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:19	0.0			
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	01:52	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,384		DUMPING:	00:00	00:18	0.0			
GALLONS OF WATER CONSUMED		GAL	200		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	01:40	0.0			
					TOTALS:	00:00	06:38	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 13,633	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	01:03	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			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	16:19	0.0		
						TOTALS	00:00	17:22	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 252 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 125
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 4 loads for the day, disposing of all material in the Phase 1 ODMDS.

Delays: Traffic (x2) - 63 mins

Miscellaneous 979 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 127	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/08/2021			
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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	3,521	434,827		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	0.37	TIME	22:18	MAX	2.17	TIME	10:18	GAGE LOCATION Dauphin Island	
		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 3-14 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	01:09	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	01:18	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	00:08	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	1,698	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	100	TO CUT:	00:00	01:30	0.0				
				TOTALS:	00:00	04:29	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			
1		3,521	Phase 1 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	19:31	0.0			
					TOTALS	00:00	19:31	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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 127
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Delays: None

Miscellaneous 1171 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 128	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 08/08/2021			
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 Bar Channel	STA 2093+68 to STA 2189+58.71			Phase 1 ODMDS	1,616	913,914			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	0.37	TIME	22:18	MAX	2.17	TIME	10:18	GAGE LOCATION Dauphin Island	
		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 3-14 S 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	00:14	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	00:41	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	00:20	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	1,274			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	1,000			TO CUT:	00:00	00:41	0.0		
					TOTALS:	00:00	02:25	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	14:11	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	07:24	0.0			
1	1,616	Phase 1 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			
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	21:35	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 256 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 128
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Padre Island continued digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMS.

Delays: Sailing to/from dock - 444 mins, Fueling at dock - 851 mins

Miscellaneous 0 min delay accounts for time in Phase 3 contract. (No time in Phase 3)

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 129	
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 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to 2189+58.71				DISPOSAL AREA USE Phase 1 ODMDS	
		QTY DEPOSITED GROSS(CY) 4,589		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 439,416		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 82 °F	
RIVER/TIDE STAGE		MIN 0.42		TIME 20:48		MAX 1.97		TIME 11:54		GAGE LOCATION Dauphin Island	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical 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	00:58	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	00:47	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	00:06	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,096	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		100	TO CUT:	00:00	00:36	0.0			
						TOTALS:	00:00	02:36	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 4,589	DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:18	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	21:06	0.0		
						TOTALS	00:00	21:24	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 258 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 129
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Delays: Strong Currents - 18 min

Miscellaneous 1266 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 130		
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					
		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 Bar Channel	STA 2093+68 to 2189+58.71		Phase 1 ODMDS	6,952	920,866					
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85	GMS/LITER	1.85					
		DENSITY OF WATER			1.0250	GMS/LITER@	82 °F					
RIVER/TIDE STAGE		MIN 0.42	TIME 20:48	MAX 1.97	TIME 11:54	GAGE LOCATION Dauphin Island						
		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 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	04:35	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	04:17	0.0				
INDICATORS LAST CHECKED ON	06/21/2021				TO DUMP:	00:00	03:00	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	00:40	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL		3,444		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		1,000		TO CUT:	00:00	03:03	0.0				
					TOTALS:	00:00	15:35	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:33	0.0				
5	6,952	Phase 1 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	00:31	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	06:52	0.0				
					TOTALS	00:00	08:25	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 260 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 130
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 5 loads for the day, disposing of the material in Phase 1 ODMDS.

Delays: Sailing from dock - 33 min, Traffic - 29 min, Main Engine Repairs - 31 min, Crew boat transfer (x2) - 12 min

Miscellaneous 400 min delay accounts for time in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 133		
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input 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		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)	
			AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			0
CHARACTER OF MATERIAL			DENSITY OF MATERIALS			0			GMS/LITER		0	
			DENSITY OF WATER			0			GMS/LITER@		0 °F	
RIVER/TIDE STAGE			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION			WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0	
DRAG DEPTH			MAX 0			MIN 0			TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON								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	
NON-EFFECTIVE WORKING TIME:												
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA			TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
						MINOR OPERATING REPAIRS		00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
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	24:00	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 262 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 133
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 263 of 405			
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 134			
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input 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)	
			AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			0	920,866
CHARACTER OF MATERIAL			DENSITY OF MATERIALS			0			GMS/LITER		0		
			DENSITY OF WATER			0			GMS/LITER@		0 °F		
RIVER/TIDE STAGE			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION			WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
LIGHT			LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD			0			EFFECTIVE WORKING TIME:							
AFT			0			PUMPING:		00:00	00:00	0.0			
DRAG DEPTH MAX 0			MIN 0			TURNING:		00:00	00:00	0.0			
INDICATORS LAST CHECKED ON						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			
NON-EFFECTIVE WORKING TIME:													
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0			
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	24:00	0.0			
						TOTALS		00:00	24:00	0.0			
LOST TIME:													
MAJOR REPAIRS AND ALTERNATIONS						00:00		00:00	00:00	0.0			
CESSATION:						00:00		00:00	00:00	0.0			
COLLISIONS:						00:00		00:00	00:00	0.0			
TOTALS:						00:00		00:00	00:00	0.0			
TOTAL TIME/MILES:						00:00		24:00	0.0				

<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 264 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 134
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/10/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 265 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 132	
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 Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 920,866			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN 0.39	TIME 23:11	MAX 1.20	TIME 12:31	GAGE LOCATION Dauphin Island					
		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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	06/21/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0								
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0								
GALLONS OF FUEL OIL CONSUMED		GAL	0								
GALLONS OF WATER CONSUMED		GAL	0								
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS 0	TOTAL CYS 0	DISPOSAL AREA Phase 1 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	24:00	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 266 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 132
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/11/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations for Phase 1 on this day.  
Miscellaneous 24 hrs delay accounts for time spent 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 267 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 131		
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 Mobile Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 5,027	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 444,443				
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F		
RIVER/TIDE STAGE		MIN	0.39	TIME	23:11	MAX	1.20	TIME	12:31		GAGE LOCATION	Dauphin Island
		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 / 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	00:54	0.0			
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:13	0.0			
INDICATORS LAST CHECKED ON	05/25/2021											
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0		TO DUMP:	00:00	00:36	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	1,604		DUMPING:	00:00	00:04	0.0			
GALLONS OF WATER CONSUMED			GAL	100		DISCONNECTING:	00:00	00:00	0.0			
WORK PERFORMED						TO CUT:	00:00	00:54	0.0			
DREDGING AND HAULING						AGITATING	TOTALS:	00:00	02:41	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	NON-EFFECTIVE WORKING TIME:							
1	5,027	Phase 1 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	00:31	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	20:48	0.0				
					TOTALS	00:00	21:19	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 268 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 131
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 31 mins for traffic.

Miscellaneous 1248 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 135	
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 Bar Channel			STA 2093+68 to 2189+58.71			Phase 1 ODMDS		1,088	921,954
		AVG LENGTH OF CUT 9600 FT			AVG WIDTH OF CUT 750 FT			AVG DIST TO DUMP 7 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.61		TIME 21:48		MAX 0.93		TIME 13:03		GAGE LOCATION Dauphin Island	
		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 / 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	00:31	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:38	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		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		3,720		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:	00:00	00:00	0.0		
						TOTALS:	00:00	01:09	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	1,088	Phase 1 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	22:51	0.0		
						TOTALS	00:00	22:51	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 270 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 135
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 1 load for the day, disposing of the material in Phase 1 ODMS.

Non-Effective Working Time of 21 mins for traffic.

Miscellaneous 1350 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today - trawler at dock.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 136		
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input 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
LOCATION OF WORK			LOCATION CHANNEL			REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
			AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			0
CHARACTER OF MATERIAL			DENSITY OF MATERIALS			0			GMS/LITER		0	
			DENSITY OF WATER			0			GMS/LITER@		0 °F	
RIVER/TIDE STAGE			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION			WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
LIGHT			LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD			0			EFFECTIVE WORKING TIME:						
AFT			0			PUMPING:		00:00	00:00	0.0		
DRAG DEPTH			MAX 0			TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON			MIN 0			TO DUMP:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN			CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN			DUMPING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL			DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL			TO CUT:		00:00	00:00	0.0		
			0			TOTALS:		00:00	00:00	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING			AGITATING			TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
						MINOR OPERATING REPAIRS		00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
						LAY TIME:		00:00	00:00	0.0		
ATTENDANT PLANT						FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	MISCELLANEOUS		00:00	24:00	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 272 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 136
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 273 of 405							
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 138							
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 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7										
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to 2141+00			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 12,483	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 456,926									
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM											
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85							
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F							
RIVER/TIDE STAGE		MIN 0.62	TIME 17:11	MAX 0.80	TIME 05:07	GAGE LOCATION		Dauphin Island									
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW									
WEATHER CONDITION		WEATHER Weather Caused Non-Critical 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		01:39		0.0					
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:47		0.0					
INDICATORS LAST CHECKED ON		05/25/2021				TO DUMP:		00:00		01:12		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		2,058		DISCONNECTING:		00:00		00:00		0.0					
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:		00:00		01:30		0.0					
						TOTALS:						00:00		05:23		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 2	TOTAL CYS 12,483	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		00:00		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		18:37		0.0					
						MISCELLANEOUS		00:00		00:00		0.0					
						TOTALS		00:00		18:37		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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 138
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Miscellaneous 1117 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No exceedances in turbidity on this date.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 137	
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		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 Bar Channel			STA 2093+68 to 2117+00			Phase 1 ODMDS		3,279	925,233
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		9600 FT			720 FT			7 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.62		TIME 17:11		MAX 0.80		TIME 05:07		GAGE LOCATION Dauphin Island	
		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	02:03	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	02:29	0.0		
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	01:34	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	00:37	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		4,144	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		1,000	TO CUT:	00:00	01:37	0.0			
						TOTALS:	00:00	08:20	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	3,279	Phase 1 ODMDS		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	15:00	0.0		
						TOTALS	00:00	15:40	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 276 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 137
<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 digging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+59 on the red side of the channel. The dredge completed 2 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 40 mins for traffic.

Miscellaneous 900 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No exceedances in turbidity on this date.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 140	
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 Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to 2141+00				DISPOSAL AREA USE Phase 1 ODMDS	
		QTY DEPOSITED GROSS(CY) 8,712		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 465,638		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.34		TIME 15:18		MAX 1.06		TIME 04:09		GAGE LOCATION Dauphin Island	
		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 / 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	01:36	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:58	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	00:37	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	00:10	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,058	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		100	TO CUT:	00:00	00:22	0.0			
						TOTALS:	00:00	03:43	0.0		
NON-EFFECTIVE WORKING TIME:						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
WORK PERFORMED				AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS 2		TOTAL CYS 8,712		DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:17	0.0
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	20:00	0.0		
						TOTALS	00:00	20:17	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 278 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 140
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 17 mins for weather.

Miscellaneous 1200 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today.

Relocation Trawling:  
Trawling continued using the Jessica Marie. No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 139	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)				
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT		AVG DIST TO DUMP 0 NM		0	925,233		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0		GMS/LITER		0		
		DENSITY OF WATER			0		GMS/LITER@		0 °F		
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered		TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0		
DRAG DEPTH MAX 0		MIN 0		TURNING:		00:00	00:00	0.0			
INDICATORS LAST CHECKED ON				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	
						NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
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	24:00	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 280 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 139
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations for Phase 1 on this day.  
Miscellaneous 24 hrs delay accounts for time spent 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 281 of 405							
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.							
W9127820C0032 NA		Mobile Harbor Deepening Phase I			Great Lakes		141							
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK					DATE							
							08/15/2021							
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 Bar Channel			STA 2093+68 to 2141+00		Phase 1 ODMDS	2,952	468,590					
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		7 NM						
		9600 FT		750 FT										
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER	1.85						
		DENSITY OF WATER			1.0250		GMS/LITER@	86 °F						
RIVER/TIDE STAGE		MIN	0.10	TIME	16:04	MAX	1.32	TIME	04:30	GAGE LOCATION	Dauphin Island			
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW			
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND						
		Weather Caused Non-Critical Delay			73 °F / 88 °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	00:09	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	00:38	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:						00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	1,686		DUMPING:						00:00	00:07	0.0	
GALLONS OF WATER CONSUMED		GAL	100		DISCONNECTING:						00:00	00:00	0.0	
						TO CUT:						00:00	00:36	0.0
						TOTALS:						00:00	01:30	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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:						00:00	09:50	0.0
1	2,952	Phase 1 ODMDS		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
						LAY TIME:						00:00	00:00	0.0
						FIRE AND BOAT DRILLS:						00:00	00:00	0.0
						MISCELLANEOUS						00:00	12:27	0.0
						TOTALS						00:00	22:30	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 282 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 141
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 13 mins for traffic and 590 mins for weather (sailed to dock prior to Tropical Storm Fred).

Miscellaneous 747 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today.

Relocation Trawling:  
Trawling suspended for tropical storm Fred. Trawler left for dock at 1130 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 283 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 142	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)
		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 0.10		TIME 16:04		MAX 1.32		TIME 04:30		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
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		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED						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	10:00	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	14:00	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 284 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 142
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations for Phase 1 on this day.

Miscellaneous 840 minss delay accounts for time spent in Phase 3 contract and 600 mins for weather (sailed to dock prior to Tropical Storm Fred).

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 144	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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				
		0	0	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)				
		0				0	468,590				
		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 0.10	TIME 16:04	MAX 1.32	TIME 04:30	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
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	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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	21:40	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	02:20	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 286 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 144
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations for Phase 1 on this day.

Miscellaneous 140 mins delay accounts for time spent in Phase 3 contract and 1300 mins for weather (Tropical Storm Fred).

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 143	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER	
		DENSITY OF WATER				0				GMS/LITER@	
RIVER/TIDE STAGE		MIN 0.10		TIME 16:04		MAX 1.32		TIME 04:30		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
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		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED						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	17:54	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	06:06	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 288 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 143
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No dredging operations for Phase 1 on this day.

Miscellaneous 366 mins delay accounts for time spent in Phase 3 contract and 1074 mins for weather (Tropical Storm Fred).

<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 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 145		
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input 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
LOCATION OF WORK			LOCATION CHANNEL			REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
			AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			0
CHARACTER OF MATERIAL			DENSITY OF MATERIALS			0			GMS/LITER		0	
			DENSITY OF WATER			0			GMS/LITER@		0 °F	
RIVER/TIDE STAGE			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
			MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION			WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
LIGHT			LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD			0			EFFECTIVE WORKING TIME:						
AFT			0			PUMPING:		00:00	00:00	0.0		
DRAG DEPTH			MAX 0			TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON			MIN 0			TO DUMP:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN			CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN			DUMPING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL			DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL			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		
						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	24:00	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 290 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 145
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 291 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 146	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL				REACH DREDGED; STA TO STA				DISPOSAL AREA USE	
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER	
		DENSITY OF WATER				0				GMS/LITER@	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		TO DUMP:	00:00	00:00	0.0	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:	00:00	00:00	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
		TAKING ON FUEL AND SUPPLIES				00:00	00:00	0.0			
		DREDGING AND HAULING				AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
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	24:00	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 292 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 146
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 293 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 147	
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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	8,260	476,850		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		7 NM			
		9600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.21	TIME	19:15	MAX	1.79	TIME	07:08	GAGE LOCATION	Dauphin Island
		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	02:51	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:43	0.0			
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	02:08	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	00:16	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,548		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	200		TO CUT:	00:00	02:05	0.0			
					TOTALS:	00:00	08:03	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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:11	0.0			
2	8,260	Phase 1 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	15:46	0.0			
					TOTALS	00:00	15:57	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 294 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 147
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 11 for weather, 18 mins for crew boat transfers.

Miscellaneous 928 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
Trawling continues. One Kemp's was relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 148	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED					DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED					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			
					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	24:00	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 296 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 148
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 297 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 149	
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)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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			
					NON-EFFECTIVE WORKING TIME:						
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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	24:00	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 298 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 149
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No Dredging for the Dodge Island for Phase 1 on this day.  
Miscellaneous 1440 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 299 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 151	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED					DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED					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			
					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	24:00	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 300 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 151
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 301 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 152	
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				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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	24:00	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 302 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 152
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No Dredging for the Dodge Island for Phase 1 on this day.  
Miscellaneous 1440 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 303 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 150	
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 19	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel		REACH DREDGED; STA TO STA STA 2093+68 to STA 2189+58.71		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 1,658	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 478,508			
		AVG LENGTH OF CUT 9600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	-0.20	TIME	20:24	MAX	1.83	TIME	08:10		GAGE LOCATION Dauphin Island
		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	01:13	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	00:35	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	00:09	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	1,250		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL	100		TO CUT:	00:00	00:07	0.0		
						TOTALS:	00:00	02:45	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 1,658	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	00:20	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	20:55	0.0		
						TOTALS	00:00	21:15	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 304 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 150
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 20 mins for traffic.

Miscellaneous 1255 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today.

Relocation Trawling:  
No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 154		
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	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 Bar Channel	STA 2093+68 to 2141+00			Phase 1 ODMDS	3,074	928,307				
CHARACTER OF MATERIAL		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		720 FT		AVG DIST TO DUMP		7 NM
		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85		
DENSITY OF WATER				1.0250		GMS/LITER@		86 °F				
RIVER/TIDE STAGE		MIN	-0.40	TIME	21:29	MAX	1.81	TIME	09:11	GAGE LOCATION Dauphin Island		
		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	01:11	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	02:56	0.0			
INDICATORS LAST CHECKED ON		06/21/2021		TO DUMP:	00:00	00:58	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	4,144	DISCONNECTING:	00:00	00:00	0.0					
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	01:12	0.0					
TOTALS:						00:00	06:37	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	3,074	Phase 1 ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:08	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	16:15	0.0			
						TOTALS	00:00	17:23	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 306 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 154
<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 cleanup in AS1-8 (STA. 2093+68 to 2141+00) in the Mobile Bar Channel. The dredge completed 3 loads for the day, disposing of the material in Phase 1 ODMDS.

Non-Effective Working Time of 68 mins for traffic, 5 mins for crew boat transfer.

Miscellaneous 970 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today.

Relocation Trawling:  
No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 155	
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	
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER	
		DENSITY OF WATER				0				GMS/LITER@	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED						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		
						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	24:00	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 308 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 155
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No Dredging for the Dodge Island for Phase 1 on this day.  
Miscellaneous 1440 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 309 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 153	
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 Bar Channel			STA 2093+68 to STA 2189+58.71		Phase 1 ODMDS	3,602	482,110		
		AVG LENGTH OF CUT		9600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN	-0.40	TIME	21:29	MAX	1.81	TIME	09:11	GAGE LOCATION	Dauphin Island
		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	00:20	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	00:38	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	00:04	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,250		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	00:28	0.0			
					TOTALS:	00:00	01:56	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			
1	3,602	Phase 1 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	22:04	0.0		
						TOTALS	00:00	22:04	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 310 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 153
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2189+58.71. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Miscellaneous 1324 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today.

Relocation Trawling:  
No protected species were relocated.

<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 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 156		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		0	0	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)					
						0	482,110					
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0				
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON					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	00:00	0.0				
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0				
					MINOR OPERATING REPAIRS	00:00	00:00	0.0				
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
					LAY TIME:	00:00	00:00	0.0				
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
					MISCELLANEOUS	00:00	24:00	0.0				
					TOTALS	00:00	24:00	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND 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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 156
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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>



<b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>			<b>PAGE NO.</b> Page 314 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 157
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 315 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 158	
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
LOCATION OF WORK		LOCATION CHANNEL				REACH DREDGED; STA TO STA				DISPOSAL AREA USE	
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER	
		DENSITY OF WATER				0				GMS/LITER@	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED						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		
						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	24:00	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 316 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 158
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Dodge Island on this day (0 CY).

Miscellaneous 1440 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 317 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 159	
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)
		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 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		TO DUMP:	00:00	00:00	0.0	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		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		
						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	24:00	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 318 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 159
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Dodge Island on this day (0 CY).

Miscellaneous 1440 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 319 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 160	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED					DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED					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			
					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	24:00	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 320 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 160
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 321 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 161	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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				
		0	0	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)			
							0	482,110			
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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	AGITATING	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	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 322 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 161
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 323 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 162	
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 Bar Channel	REACH DREDGED; STA TO STA STA 2093+68 to STA 2117+00			DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 826	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 482,936			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN 0.36	TIME 23:47	MAX 1.43	TIME 11:46	GAGE LOCATION		Dauphin Island			
		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	00:57	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	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		1,250		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	00:00	0.0		
						TOTALS:	00:00	01:29	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 1	TOTAL CYS 826	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	00:30	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	22:01	0.0		
						TOTALS	00:00	22:31	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 324 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 162
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2117+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Miscellaneous 1321 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
No protected species were relocated.

<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 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 163	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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				
		0	0	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)				
						0	928,307				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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	24:00	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 326 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 163
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 327 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 164	
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)			
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT		AVG DIST TO DUMP 0 NM		0	211,425		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0	GMS/LITER	0			
		DENSITY OF WATER				0	GMS/LITER@	0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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			
					NON-EFFECTIVE WORKING TIME:						
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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	24:00	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 328 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 164
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Dodge Island on this day (0 CY).

Miscellaneous 1440 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 329 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 167	
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	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 Bar Channel			STA 2093+68 to STA 2141+00		Phase 1 ODMDS	3,982	486,918		
		AVG LENGTH OF CUT		6600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER	1.85		
		DENSITY OF WATER				1.0250		GMS/LITER@	86 °F		
RIVER/TIDE STAGE		MIN	0.59	TIME	23:24	MAX	1.21	TIME	12:31	GAGE LOCATION Dauphin Island	
		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	01:25	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	01:05	0.0		
INDICATORS LAST CHECKED ON		05/25/2021									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	02:01	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	1,250			DUMPING:	00:00	00:15	0.0		
GALLONS OF WATER CONSUMED		GAL	200			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	02:11	0.0		
						TOTALS:	00:00	06:57	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		3,982	Phase 1 ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:08	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	15:55	0.0		
						TOTALS	00:00	17:03	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 330 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 167
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2141+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 68 mins for traffic.

Miscellaneous 955 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
No protected species were relocated.

<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 405				
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 166				
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	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)							
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION								
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM								
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0					
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0				
INDICATORS LAST CHECKED ON					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	
									NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0					
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0				
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0				
						MINOR OPERATING REPAIRS		00:00	00:00	0.0				
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0				
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	24:00	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 332 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 166
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Dodge Island on this day (0 CY).

Miscellaneous 1440 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 333 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 165	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED					DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED					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			
					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	24:00	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 334 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 165
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 335 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 168	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	
		AVG LENGTH OF CUT		0 FT		AVG WIDTH OF CUT		0 FT		AVG DIST TO DUMP	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER	
		DENSITY OF WATER				0				GMS/LITER@	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED						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		
						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	24:00	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 336 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 168
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY).  
Miscellaneous 1440 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 337 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 169	
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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		0	0	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)				
						0	211,425				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	0.0			
					TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND 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 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 169
<b>DREDGE</b>	<b>NAME AND TYPE</b> Dodge Island	<b>DATE</b> 08/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Dodge Island on this day (0 CY).

Miscellaneous 1440 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 339 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 170	
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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA STA 2093+68 to STA 2141+00		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 2,230	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 489,148		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85		
		DENSITY OF WATER			1.0250		GMS/LITER@		87 °F		
RIVER/TIDE STAGE		MIN 1.17	TIME 00:24	MAX 1.81	TIME 14:24	GAGE LOCATION		Dauphin Island			
		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	00:55	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	00:47	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,374		DUMPING:	00:00	00:04	0.0			
GALLONS OF WATER CONSUMED		GAL	100		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	00:41	0.0			
					TOTALS:	00:00	03:20	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			
1	2,230	Phase 1 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	20:40	0.0			
					TOTALS	00:00	20:40	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 340 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 170
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2141+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time = n/a

Miscellaneous 1240 min delay accounts for time spent in Phase 3 contract.

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 341 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 171		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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)
		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 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED						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			
						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	24:00	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 342 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 171
<b>DREDGE</b>	<b>NAME AND TYPE</b> Padre Island	<b>DATE</b> 08/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Padre Island on this day (0 CY). The Padre Island departed Mobile at ~2030 hrs for another project.

Miscellaneous 1,440 mins delay accounts for time in Phase 3 contract and sail time off contract to close out the 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 343 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 173	
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	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)			
							0	489,148			
		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	1.20	TIME	08:30	MAX	2.19	TIME	20:54	GAGE LOCATION Dauphin Island	
		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	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		
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 1 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 344 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 173
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/26/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Miscellaneous 24 hr delay accounts for time spent in Phase 3 contract.

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 345 of 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 175		
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	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)			
								0	489,148			
			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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	Dauphin Island
			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	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			
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 1 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	24:00	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 346 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 175
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/27/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Miscellaneous 24 hr delay accounts for time spent in Phase 3 contract.

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 347 of 405		
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 176		
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)					
						0	489,148					
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dauphin Island						
		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	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 1 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	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 348 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 176
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/28/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Miscellaneous 24 hr delay accounts for time spent in Phase 3 contract.

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 349 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 177	
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 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) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 489,148		
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dauphin Island	
		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	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		
						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 1 ODMDS			TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	24:00	0.0		
						TOTALS	00:00	24:00	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND 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 350 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 177
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/29/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Miscellaneous 24 hr delay accounts for time spent in Phase 3 contract.

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 351 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 178	
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)				
		0	489,148								
		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 1.91	TIME 16:00	MAX 3.91	TIME 06:00	GAGE LOCATION Dauphin Island					
		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 / 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										
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	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
0	0	Phase 1 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			
					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 352 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 178
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/30/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Miscellaneous 24 hr delay accounts for time spent in Phase 3 contract.

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 353 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 179	
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 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) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 489,148			
		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	1.15	TIME	17:12	MAX	3.10	TIME	06:48	GAGE LOCATION Dauphin Island	
		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										
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 1 ODMDS	TOTAL CYS 0			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	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 354 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 179
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 08/31/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Miscellaneous 24 hr delay accounts for time spent in Phase 3 contract.

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 355 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 180	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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				
		0	0	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)		
								489,148			
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Not Entered				TEMP 0 °F / 0 °F		VISIBILITY MI	WIND 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	00:00	0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00	00:00	0.0	
						CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		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	
						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	24:00	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 356 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 180
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/01/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 357 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 181	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		0	0	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)				
						0	489,148				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered		TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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	24:00	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 358 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 181
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/02/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 359 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 182	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		0	0	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)			
							0	489,148			
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Not Entered				TEMP 0 °F / 0 °F		VISIBILITY MI	WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		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						
		DREDGING AND HAULING	AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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	24:00	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 360 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 182
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/03/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 361 of 405		
CONTRACT NO. W9127820C0032 NA			CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes			REPORT NO. 183		
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input 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				
			0	0	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)		
								0	489,148			
			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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
			MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION			WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI	WIND 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	00:00	0.0		
DRAG DEPTH			MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON							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		
DREDGING AND HAULING			AGITATING				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
							LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
							MINOR OPERATING REPAIRS	00:00	00:00	0.0		
							TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT						LAY TIME:						
ITEM			NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
							MISCELLANEOUS	00:00	24:00	0.0		
							TOTALS	00:00	24:00	0.0		
LOST TIME:												
							MAJOR REPAIRS AND 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 362 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 183
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/04/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 363 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 184	
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 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2141+00				DISPOSAL AREA USE Phase 1 ODMDS	
		QTY DEPOSITED GROSS(CY) 985		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 490,133		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.20		TIME 21:03		MAX 1.63		TIME 09:38		GAGE LOCATION Dauphin Island	
		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	00:24	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	00:51	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	00:05	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		1,701		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		50		TO CUT:	00:00	00:12	0.0		
						TOTALS:	00:00	01:32	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 985	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	02:24	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	20:04	0.0		
						TOTALS	00:00	22:28	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 364 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 184
<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 returned to dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2141+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 144 mins for traffic.

Miscellaneous 1204 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
No protected species were relocated.

<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 365 of 405			
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 185			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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 0	OTHER PLANT 0	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) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 490,133					
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION							
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM							
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND 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	00:00	0.0				
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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
					NON-EFFECTIVE WORKING TIME:								
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0				
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0			
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	24:00	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 366 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 185
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/06/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 367 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 186	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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 0	OTHER PLANT 0	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) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 490,133				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered		TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0				
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON				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				
				NON-EFFECTIVE WORKING TIME:							
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0				
				MINOR OPERATING REPAIRS	00:00	00:00	0.0				
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
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	24:00	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 368 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 186
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/07/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 369 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 187	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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		
LOCATION OF WORK		LOCATION CHANNEL			REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		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 0.00	TIME 00:00		MAX 0.00	TIME 00:00		GAGE LOCATION			
		MIN 0.00	TIME 00:00		MAX 0.00	TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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			
					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	24:00	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 370 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 187
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/08/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today. Dredge working on Phase 3 contract.

Relocation Trawling:  
- Trawling continues. One L. Kempii was relocated.  
- There have been 21 relocations to date: 15 Kemp's Ridleys and 6 Loggerheads.

Bed Leveling:  
Tug Break of Dawn performed bed leveling operations in Phase 1 until 12:05 and then switched to 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 371 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 188	
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	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2147+00				DISPOSAL AREA USE Phase 1 ODMDS	
		QTY DEPOSITED GROSS(CY) 948		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 491,081		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.74		TIME 07:28		MAX 0.85		TIME 01:19		GAGE LOCATION Dauphin Island	
		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	01:24	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	00:44	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	00:06	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		1,262		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:	00:00	00:53	0.0		
						TOTALS:	00:00	03:35	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS 1		TOTAL CYS 948		DISPOSAL AREA Phase 1 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	20:25	0.0		
						TOTALS	00:00	20:25	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 372 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 188
<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 returned to dredging operations in the Mobile Bar Channel dredging area between Stations 2093+68 and 2147+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 1 load for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 3 mins for crew boat transfer.

Miscellaneous 1222 min delay accounts for time spent in Phase 3 contract.

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

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

Relocation Trawling:  
No protected species were relocated.

<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 373 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 189	
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	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA STA 2093+68 to STA 2147+00				DISPOSAL AREA USE Phase 1 ODMDS	
		QTY DEPOSITED GROSS(CY) 5,059		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 496,140		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.55		TIME 11:05		MAX 1.13		TIME 01:00		GAGE LOCATION Dauphin Island	
		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		01:14 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		01:14 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		00:07 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,488		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		100		TO CUT:		00:00		00:56 0.0	
TOTALS:						00:00		03:48		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 2		TOTAL CYS 5,059		DISPOSAL AREA Phase 1 ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00 0.0	
						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	
						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
								MISCELLANEOUS		00:00 19:40 0.0	
								TOTALS		00:00 20:12 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 374 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 189
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2147+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Non-Effective Working Time of 32 mins for traffic.

Miscellaneous 1180 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No sample taken today due to no dredging in Phase 1 during daylight hours.

Relocation Trawling:  
No protected species were relocated.

<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 375 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 190	
CHARACTER OF REPORT		<input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> NEW WORK						DATE 09/11/2021			
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	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 Bar Channel			STA 2093+68 to STA 2147+00		Phase 1 ODMDS	5,059	501,199		
		AVG LENGTH OF CUT		6600 FT		AVG WIDTH OF CUT		750 FT		AVG DIST TO DUMP	7 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85		GMS/LITER		1.85	
		DENSITY OF WATER				1.0250		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN	0.33	TIME	12:56	MAX	1.39	TIME	01:34	GAGE LOCATION Dauphin Island	
		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	02:18	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	01:22	0.0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	DUMPING:	00:00	00:09	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	1,488	TO CUT:	00:00	00:59	0.0				
GALLONS OF WATER CONSUMED		GAL	100	TOTALS:	00:00	05:20	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			
2	5,059	Phase 1 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	18:40	0.0			
					TOTALS	00:00	18:40	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 376 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 190
<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 in the Mobile Bar Channel dredging area between Stations 2093+68 and 2147+00. Digging in Phase 1 due to traffic in the Lower Bay Channel. The dredge completed 2 loads for the day, disposing of all material in the Phase 1 ODMDS.

Miscellaneous 1120 min delay accounts for time spent in Phase 3 contract.

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

Turbidity Monitoring:  
No sample taken today due to no dredging in Phase 1 during daylight hours.

Relocation Trawling:  
No protected species were relocated.

<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 377 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 191	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	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)				
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON				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	
						NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
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	24:00	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 378 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 191
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/12/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today. Dredge working on Phase 3 contract.

Relocation Trawling:  
- Trawling continues. One L. Kempii was relocated.  
- There have been 21 relocations to date: 15 Kemp's Ridleys and 6 Loggerheads.

<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 379 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 192	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	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)			
		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	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0									
INDICATORS LAST CHECKED ON	TURNING:	00:00	00:00	0.0							
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			
					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	24:00	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 380 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 192
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/13/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today. Dredge working on Phase 3 contract.

Relocation Trawling:  
- Trawling continues. One L. Kempii was relocated.  
- There have been 21 relocations to date: 15 Kemp's Ridleys and 6 Loggerheads.

<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 381 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 193	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		0	0	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)				
						0	501,199				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered		TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	0.0			
					TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND 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 382 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 193
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/14/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today. Dredge working on Phase 3 contract.

Relocation Trawling:  
- Trawling continues. No protected species were relocated.  
- There have been 21 relocations to date: 15 Kemp's Ridleys and 6 Loggerheads.

<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 383 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 194	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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				
		0	0	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)				
						0	501,199				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered		TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		DUMPING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	0		TO CUT:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	0		TOTALS:	00:00	00:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					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			
					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 384 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 194
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/15/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).

Miscellaneous 1440 mins delay accounts for time in Phase 3 contract.

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

Turbidity Monitoring:  
No sample today. Dredge working on Phase 3 contract.

Relocation Trawling:  
- Trawling continues. No protected species were relocated.  
- There have been 21 relocations to date: 15 Kemp's Ridleys and 6 Loggerheads.

<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 385 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 195	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input 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				
		0	0	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)				
						0	501,199				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered		TEMP 0 °F / 0 °F	VISIBILITY MI	WIND 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	00:00	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					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	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	0.0			
					TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND 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 386 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 195
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/16/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day (0 CY).  
Miscellaneous 1440 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 387 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 196	
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	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 Bar Channel	Stations 2093+68 and 2159+00 (AS1-11)			Phase 1 ODMDS	4,000	505,199			
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER		1.85		
		DENSITY OF WATER			1.0250		GMS/LITER@		86 °F		
RIVER/TIDE STAGE		MIN 0.81	TIME 20:06	MAX 2.81	TIME 08:12	GAGE LOCATION Dauphin Island					
		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	00:56	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:09	0.0			
INDICATORS LAST CHECKED ON	05/25/2021										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	00:31	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,488		DUMPING:	00:00	00:04	0.0			
GALLONS OF WATER CONSUMED		GAL	0		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	00:40	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	00:00	0.0			
1	4,000	Phase 1 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	21:40	0.0			
					TOTALS	00:00	21:40	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 388 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 196
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/17/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged one load in the Mobile Bar Channel dredging area between Stations 2093+68 and 2159+00 (AS1-11). All material was disposed of in the Phase 1 ODMDS.

Delays:  
21.67 hrs - Work 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 389 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 197	
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 Mobile Bar Channel			REACH DREDGED; STA TO STA Stations 2093+68 and 2159+00 (AS1-11)		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 2,513	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 507,712		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER	1.85			
		DENSITY OF WATER			1.0250		GMS/LITER@	86 °F			
RIVER/TIDE STAGE		MIN 0.87	TIME 20:54	MAX 2.40	TIME 08:18	GAGE LOCATION		Dauphin Island			
		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 / 83 °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	00:26	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	00:38	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	00:04	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	607			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	100			TO CUT:	00:00	00:32	0.0		
					TOTALS:	00:00	01:40	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 1	TOTAL CYS 2,513	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	00:00	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	22:20	0.0			
					TOTALS	00:00	22:20	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 390 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 197
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/18/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged one load in the Mobile Bar Channel dredging area between Stations 2093+68 and 2159+00 (AS1-11). All material was disposed of in the Phase 1 ODMDS.

Delays:  
22.33 hrs - Work 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 391 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 198	
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 Bar Channel			REACH DREDGED; STA TO STA Stations 2093+68 and 2159+00 (AS1-11)		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 607	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 508,319		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 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 1.12	TIME 00:00	MAX 2.23	TIME 10:12	GAGE LOCATION		Dauphin Island			
		MIN 1.17	TIME 20:06	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	00:50	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	00:38	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	00:04	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	626		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	00:32	0.0			
					TOTALS:	00:00	02:15	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 <td colspan="1">DISPOSAL AREA <td colspan="1">TOTAL CYS</td> <td colspan="1">TO AND FROM WHARF OR ANCHORAGE:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td> </td>	DISPOSAL AREA <td colspan="1">TOTAL CYS</td> <td colspan="1">TO AND FROM WHARF OR ANCHORAGE:</td> <td colspan="1">00:00</td> <td colspan="1">00:00</td> <td colspan="2">0.0</td>	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
1	607	Phase 1 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				
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	21:45	0.0			
					TOTALS	00:00	21:45	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 392 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 198
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/19/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged one load in the Mobile Bar Channel dredging area between Stations 2093+68 and 2159+00 (AS1-11). All material was disposed of in the Phase 1 ODMDS.

Delays:  
21.75 hrs - Work 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 393 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 199	
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 Bar Channel			REACH DREDGED; STA TO STA Stations 2093+68 and 2146+00 (AS1-9)		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 1,729	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 510,048		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 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 1.31	TIME 18:42	MAX 2.21	TIME 10:12	GAGE LOCATION		Dauphin Island			
		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	00:15	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	01:18	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	00:03	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	1,965			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	100			TO CUT:	00:00	00:34	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	1,729	Phase 1 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			
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	21:50	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 394 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 199
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/20/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged one load in the Mobile Bar Channel dredging area between Stations 2093+68 and 2146+00 (AS1-9). All material was disposed of in the Phase 1 ODMDS.

Delays:  
21.83 hrs - Work 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 395 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 200	
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	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		19	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel			REACH DREDGED; STA TO STA Stations 2093+68 and 2146+00 (AS1-9)		DISPOSAL AREA USE Phase 1 ODMDS	QTY DEPOSITED GROSS(CY) 884	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 510,932		
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.85		GMS/LITER	1.85			
		DENSITY OF WATER			1.0250		GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN 1.19	TIME 06:12	MAX 1.83	TIME 14:00	GAGE LOCATION		Dauphin Island			
		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	01:10	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	01:01	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	00:04	0.0			
GALLONS OF FUEL OIL CONSUMED	GAL		1,753		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED	GAL		100		TO CUT:	00:00	00:37	0.0			
					TOTALS:	00:00	03:04	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 2		TOTAL CYS 884	DISPOSAL AREA Phase 1 ODMDS		AGITATING	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	00:18	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	20:38	0.0			
					TOTALS	00:00	20:56	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 396 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 200
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/21/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged 2 loads in the Mobile Bar Channel dredging area between Stations 2093+68 and 2146+00 (AS1-9). All material was disposed of in the Phase 1 ODMDS.

Delays:  
 18 mins - traffic  
 20.63 hrs - Work 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 397 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 201	
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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 510,932				
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
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	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	00:08	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	00:05	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,402		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	100		TO CUT:	00:00	01:09	0.0			
				TOTALS:	00:00	01:22	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					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	22:38	0.0		
					TOTALS		00:00	22:38	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 398 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 201
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/22/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day.

Delays:  
22.63 hrs - Work 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 399 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 202	
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					
		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) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 510,932			
		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 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
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	00:00	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	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	0		DUMPING:	00:00	00:00	0.0			
WORK PERFORMED					DISCONNECTING:	00:00	00:00	0.0			
DREDGING AND HAULING		AGITATING		NON-EFFECTIVE WORKING TIME:							
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0				
				MINOR OPERATING REPAIRS	00:00	00:00	0.0				
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
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	24:00	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 400 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 202
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/23/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

No loads completed for the Ellis Island on this day.

Delays:  
24 hrs - Work 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 401 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 203	
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					
		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 Bar Channel			Stations 2093+68 and 2146+00 (AS1-9)		Phase 1 ODMDS	3,127	514,059		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		7 NM			
		6600 FT		750 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85	GMS/LITER	1.85			
		DENSITY OF WATER				1.0250	GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	0.90	TIME	10:00	MAX	1.63	TIME	00:54		
		MIN	0.00	TIME	00:00	MAX	1.97	TIME	22:24		
		GAGE LOCATION				Dauphin Island					
		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	00:24	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	00:43	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	8,127			DUMPING:	00:00	00:03	0.0		
GALLONS OF WATER CONSUMED		GAL	100			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	01:49	0.0		
						TOTALS:	00:00	02:59	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	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
1	3,127	Phase 1 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	21:01	0.0			
					TOTALS	00:00	21:01	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 402 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 203
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/24/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged 1 load in the Mobile Bar Channel dredging area between Stations 2093+68 and 2146+00 (AS1-9). All material was disposed of in the Phase 1 ODMDS.

Delays:  
21.02 hrs - Work 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 403 of 405	
CONTRACT NO. W9127820C0032 NA		CONTRACT TITLE Mobile Harbor Deepening Phase I				CONTRACTOR Great Lakes				REPORT NO. 204	
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 19		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Bar Channel				REACH DREDGED; STA TO STA Stations 2093+68 and 2146+00 (AS1-9)				DISPOSAL AREA USE Phase 1 ODMDS	
		AVG LENGTH OF CUT 6600 FT		AVG WIDTH OF CUT 750 FT		AVG DIST TO DUMP 7 NM		QTY DEPOSITED GROSS(CY) 2,643		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 516,702	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.85				GMS/LITER 1.85	
		DENSITY OF WATER				1.0250				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.83		TIME 11:48		MAX 1.99		TIME 00:24		GAGE LOCATION Dauphin Island	
		MIN 0.00		TIME 00:00		MAX 1.98		TIME 23:54		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 53 °F / 80 °F		VISIBILITY 10 MI		WIND 10 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	01:36	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:23	0.0		
INDICATORS LAST CHECKED ON		05/25/2021		TO DUMP:	00:00	01:05	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	00:11	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		9,004	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		100	TO CUT:	00:00	02:29	0.0			
						TOTALS:	00:00	05:44	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 2	TOTAL CYS 2,643	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	01:47	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	16:29	0.0		
						TOTALS	00:00	18:16	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 404 of 405
<b>CONTRACT NO.</b> W9127820C0032 NA	<b>CONTRACT TITLE</b> Mobile Harbor Deepening Phase I	<b>CONTRACTOR</b> Great Lakes	<b>REPORT NO.</b> 204
<b>DREDGE</b>	<b>NAME AND TYPE</b> Ellis Island/Douglas B. Mackie	<b>DATE</b> 09/25/2021	

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Due to traffic in the Lower Bay Channel, the Dredge Ellis Island dredged 2 loads in the Mobile Bar Channel dredging area between Stations 2093+68 and 2146+00 (AS1-9). All material was disposed of in the Phase 1 ODMDS.

Delays:  
 1.78 hrs - Traffic  
 16.48 hrs - Work 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 405 of 405

CONTRACT NO.

W9127820C0032 NA

CONTRACT TITLE

Mobile Harbor Deepening Phase I

CONTRACTOR

Great Lakes

REPORT NO.

204