

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 30
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 22 Apr 2017 - Saturday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	19	3			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 9+30 - 32+76	Gaillard Island	14,828	14,828
	AVG LENGTH OF CUT <u>0</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>0</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.3</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>80</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	07:15	MAX	1	TIME	22:47	GAGE LOCATION	Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	68 °F / 82 °F	10	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	28	<b>EFFECTIVE WORKING TIME:</b>			
AFT		15	26	PUMPING:	00:00	02:04	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>38</u>				TURNING:	00:00	00:18	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	03:58	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			50	CONNECTING:	00:00	00:46	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			0	DUMPING:	00:00	03:14	0.0
GALLONS OF FUEL OIL CONSUMED			4,032	DISCONNECTING:	00:00	00:14	0.0
GALLONS OF WATER CONSUMED			1,404	TO CUT:	00:00	03:06	0.0
<b>WORK PERFORMED</b>				TOTALS:	00:00	13:40	0.0
				<b>NON-EFFECTIVE WORKING TIME:</b>			
				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	00:47	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	09:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
				MISCELLANEOUS:	00:00	00:33	0.0
				TOTALS:	00:00	10:20	0.0
				<b>LOST TIME:</b>			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

DREDGING AND HAULING				AGITATING			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
2	14,828	Gaillard Island	0				

ATTENDANT PLANT				AGITATING			
ITEM	NAME OR NUMBER	H.P.	HOURS				
Crew/Survey Vessel	Margaret M	0	12:00				
Crew/Survey Vessel	Speedy M	0	12:00				

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 30
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 22 Apr 2017 - Saturday

**GENERAL COMMENTS**

The Dredge Glenn Edwards remained dockside at BAE shipyard, finalizing preparation for work. At 0705, the dredge was underway from BAE to the first assignment area, STA 0+00 - 32+76 of the Mobile River Channel. Contract commenced at 0900, by performing vessel draft and draghead calibrations in the presence of USACE QA, Thomas Blakely. Dredging of the first load commenced at 0933.

**SAFETY**

The dredge crew conducted a fire and rescue boat drill in the presence of USACE QA, Thomas Blakely.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 31	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 23 Apr 2017 - Sunday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 9+30 - 32+76		Gaillard Island		22,475	37,303				
		AVG LENGTH OF CUT <u>0</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>0</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.3</u>					
		DENSITY OF WATER				<u>1</u>		GMS/LITER@ <u>80</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	07:25	MAX	1	TIME	14:18	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	18:50	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			59 °F / 73 °F		10		11				
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				10	28	<b>EFFECTIVE WORKING TIME:</b>							
AFT				15	26	PUMPING:		00:00	02:37	0.0			
DRAG DEPTH    MAX <u>50</u> MIN <u>37</u>						TURNING:		00:00	00:24	0.0			
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TO DUMP:		00:00	07:09	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:		00:00	01:31	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:		00:00	05:29	0.0			
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:		00:00	00:36	0.0			
GALLONS OF WATER CONSUMED						TO CUT:		00:00	06:14	0.0			
						TOTALS:		00:00	24:00	0.0			
<b>WORK PERFORMED</b>						<b>NON-EFFECTIVE WORKING TIME:</b>							
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	22,475	Gaillard Island		0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0				
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0				
					MINOR OPERATING REPAIRS:		00:00	00:00	0.0				
					TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0				
					LAY TIME:		00:00	00:00	0.0				
					FIRE AND BOAT DRILLS:		00:00	00:00	0.0				
					MISCELLANEOUS:		00:00	00:00	0.0				
					TOTALS:		00:00	00:00	0.0				
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
Crew/Survey Vessel		Margaret M		0	12:00	CESSATION:		00:00	00:00	0.0			
Crew/Survey Vessel		Speedy M		0	12:00	COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

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<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 31
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 23 Apr 2017 - Sunday

**GENERAL COMMENTS**

The Glenn Edwards continued digging in the Mobile Harbor from stations 9+00 to 29+00. USACE inspector aboard dredge for the day.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 32	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 24 Apr 2017 - Monday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 9+30 - 32+76		Galliard Island	28,520	65,823						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	1	TIME	01:05	MAX	0	TIME	07:19	GAGE LOCATION Mobile River State Dock			
		MIN	1	TIME	13:41	MAX	0	TIME	20:18	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		55 °F / 77 °F		10		11					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		10		26									
AFT		15		15									
DRAG DEPTH    MAX <u>50</u> MIN <u>37</u>						<b>EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00		02:30		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:00		00:24		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING						TO DUMP:		00:00		07:04		0.0	
GALLONS OF FUEL OIL CONSUMED						CONNECTING:		00:00		01:11		0.0	
GALLONS OF WATER CONSUMED						DUMPING:		00:00		06:14		0.0	
						DISCONNECTING:		00:00		00:37		0.0	
						TO CUT:		00:00		06:00		0.0	
						TOTALS:		00:00		24:00		0.0	
<b>WORK PERFORMED</b>						<b>NON-EFFECTIVE WORKING TIME:</b>							
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	
5	28,520	Galliard Island		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM	NAME OR NUMBER			H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
Crew/Survey Vessel	Margaret M			0	12:00	CESSATION:		00:00		00:00		0.0	
Crew/Survey Vessel	Speedy M			0	12:00	COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 32
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 24 Apr 2017 - Monday

**GENERAL COMMENTS**

The Glenn Edwards continued digging in the Mobile Harbor from stations 9+00 to 29+00. Five loads were completed for a total of 28,520 CY on the day.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

A safety inspection of the dredge's outboard rescue boat was performed.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 33	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 25 Apr 2017 - Tuesday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 9+30 - 32+76		Galliard Island	17,412	83,235						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				1	GMS/LITER@ <u>73</u> °F						
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	07:05	MAX	1	TIME	03:17	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	21:18	MAX	1	TIME	13:10	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		54 °F / 81 °F		10		4					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
<b>FORWARD</b>		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				10	27								
<b>AFT</b>				13	25								
DRAG DEPTH		MAX <u>50</u>		MIN <u>39</u>									
INDICATORS LAST CHECKED ON		<u>04/22/2017</u>											
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		50							
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0							
GALLONS OF FUEL OIL CONSUMED				GAL		4,334							
GALLONS OF WATER CONSUMED				GAL		1,560							
<b>WORK PERFORMED</b>						<b>NON-EFFECTIVE WORKING TIME:</b>							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	00:00	0.0		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	00:00	0.0		
4	17,412	Galliard Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS:		00:00	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	00:00	0.0		
						LAY TIME:		00:00	00:00	00:00	0.0		
						FIRE AND BOAT DRILLS:		00:00	00:00	00:00	0.0		
						MISCELLANEOUS:		00:00	00:00	00:00	0.0		
						TOTALS:		00:00	00:00	00:00	0.0		
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	00:00	0.0		
Crew/Survey Vessel	Margaret M		0	12:00		CESSATION:		00:00	00:00	00:00	0.0		
Crew/Survey Vessel	Speedy M		0	12:00		COLLISIONS:		00:00	00:00	00:00	0.0		
						TOTALS:		00:00	00:00	00:00	0.0		
						TOTAL TIME/MILES:		00:00	00:00	24:00	0.0		

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 8 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 33
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 25 Apr 2017 - Tuesday

**GENERAL COMMENTS**

The Glenn Edwards continued digging in the Mobile Harbor from stations 9+00 to 29+00. Four loads were completed for a total of 17,412 CY on the day. USACE inspector aboard dredge for the day.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 9 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 34	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 26 Apr 2017 - Wednesday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 9+30 - 32+76		Galliard Island	14,989	98,224						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	22:17	MAX	1	TIME	13:01	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		68 °F / 78 °F		10		10					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		10		26				<b>EFFECTIVE WORKING TIME:</b>					
AFT		13		25				PUMPING:	00:00	01:53	0.0		
								TURNING:	00:00	00:18	0.0		
DRAG DEPTH		MAX <u>50</u> MIN <u>42</u>						TO DUMP:	00:00	07:18	0.0		
INDICATORS LAST CHECKED ON		<u>04/22/2017</u>						CONNECTING:	00:00	01:20	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN				DUMPING:	00:00	05:02	0.0		
				50				DISCONNECTING:	00:00	00:33	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN				TO CUT:	00:00	05:50	0.0		
				0				TOTALS:	00:00	22:14	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL				<b>NON-EFFECTIVE WORKING TIME:</b>					
				3,953				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
				1,248				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
<b>WORK PERFORMED</b>													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
4	14,989	Galliard Island		0		LOSS DUE TO TRAFFIC AND BRIDGES							
						MINOR OPERATING REPAIRS:							
						00:00 01:46 0.0							
						TRANSFERRING BETWEEN WORKS:							
						00:00 00:00 0.0							
						LAY TIME:							
						00:00 00:00 0.0							
						FIRE AND BOAT DRILLS:							
						00:00 00:00 0.0							
						MISCELLANEOUS:							
						00:00 00:00 0.0							
						TOTALS:							
						00:00 01:46 0.0							
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:							
						00:00 00:00 0.0							
						CESSATION:							
						00:00 00:00 0.0							
						COLLISIONS:							
						00:00 00:00 0.0							
						TOTALS:							
						00:00 00:00 0.0							
						TOTAL TIME/MILES:							
						00:00 24:00 0.0							

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 10 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 34
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 26 Apr 2017 - Wednesday

**GENERAL COMMENTS**

The Glenn Edwards continued digging in the Mobile Harbor from stations 9+00 to 29+00. Four loads were completed for a total of 14,989 CY of material on the day. A crew change on the dredge also took place. The USACE Inspector was aboard the dredge for the day.

**SAFETY**

Dredge and fill crews are witting JSAs and conducting all work according to safety procedures.

The Dredge has been in pre-planning mode for the upcoming company wide Manson Safety Week.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 11 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 35
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 27 Apr 2017 - Thursday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	19	3			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 5+00 - 32+76	Galliard Island	19,098	117,322
	AVG LENGTH OF CUT <u>2,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>73</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	23:27	MAX	1	TIME	13:20	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	68 °F / 82 °F	9	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	26	<b>EFFECTIVE WORKING TIME:</b>				
AFT		14	25	PUMPING:	00:00	03:17	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>27</u>			TURNING:	00:00	00:36	0.0	
INDICATORS LAST CHECKED ON <u>04/22/2017</u>			TO DUMP:	00:00	06:37	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	01:08	0.0	
		70	DUMPING:	00:00	05:03	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:29	0.0	
		0	TO CUT:	00:00	06:50	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	24:00	0.0	
		3,883	<b>NON-EFFECTIVE WORKING TIME:</b>				
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
		1,248	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	19,098	Galliard Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Vessel	Margaret M	0	12:00	TOTALS:	00:00	00:00	0.0
Crew/Survey Vessel	Speedy M	0	12:00	<b>LOST TIME:</b>			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 35
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 27 Apr 2017 - Thursday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. Four loads were pumped off onto Gaillard Island, totaling 19,098 CY hauled. No delay's were incurred today.

Four USACE representatives, inclusive of the QA, made their way aboard the dredge and onto Gaillard Island for a field visit.

The Margaret M obtained a conditional survey of STA 9+30 - 32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

The Dredge has been in pre-planning mode for the upcoming company wide Manson Safety Week.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 36	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 28 Apr 2017 - Friday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA STA 5+00 - 32+76		DISPOSAL AREA USE Galliard Island		QTY DEPOSITED GROSS(CY) 16,394		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 133,716			
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	23:27	MAX	1	TIME	13:20	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		77 °F / 82 °F		9		10					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				10	26	<b>EFFECTIVE WORKING TIME:</b>							
AFT				14	25	PUMPING:		00:00	03:09	0.0			
DRAG DEPTH    MAX <u>50</u> MIN <u>27</u>						TURNING:		00:00	01:00	0.0			
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TO DUMP:		00:00	06:59	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70	CONNECTING:		00:00	01:41	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0	DUMPING:		00:00	04:38	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL		4,566	DISCONNECTING:		00:00	00:29	0.0		
GALLONS OF WATER CONSUMED				GAL		936	TO CUT:		00:00	05:29	0.0		
<b>WORK PERFORMED</b>						<b>NON-EFFECTIVE WORKING TIME:</b>							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0				
3	16,394	Galliard Island	0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:35	0.0				
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	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	00:35	0.0			
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
Crew/Survey Vessel	Margaret M		0	12:00		CESSATION:		00:00	00:00	0.0			
Crew/Survey Vessel	Speedy M		0	12:00		COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 36
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 28 Apr 2017 - Friday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. Three loads were pumped off onto Gaillard Island, totaling 16,394 CY hauled. A 35 minute delay was incurred for sailing at reduced speed due to traffic.

The USACE representative was aboard the dredge for the day.

The Margaret M obtained a conditional survey of STA 9+30 - 32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

The dredge, fill crew, and field engineers have been in pre-planning mode for the upcoming company wide Manson Safety Week.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 15 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 37	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 29 Apr 2017 - Saturday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 5+00 - 32+76		Galliard Island		13,810	147,526				
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	04:24	MAX	2	TIME	18:06	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		75 °F / 84 °F		10		16					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				10	26								
AFT				14	24								
DRAG DEPTH    MAX <u>50</u> MIN <u>27</u>						<b>EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00	02:23	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:00	00:36	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING						TO DUMP:		00:00	05:07	0.0			
GALLONS OF FUEL OIL CONSUMED						CONNECTING:		00:00	02:44	0.0			
GALLONS OF WATER CONSUMED						DUMPING:		00:00	05:28	0.0			
						DISCONNECTING:		00:00	00:23	0.0			
						TO CUT:		00:00	05:05	0.0			
						TOTALS:		00:00	21:46	0.0			
						<b>NON-EFFECTIVE WORKING TIME:</b>							
						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS:		00:00	01:48	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
						LAY TIME:		00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
						MISCELLANEOUS:		00:00	00:26	0.0			
						TOTALS:		00:00	02:14	0.0			
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
						CESSATION:		00:00	00:00	0.0			
						COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 37
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 29 Apr 2017 - Saturday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. Three loads were pumped off onto Gaillard Island, totaling 13,810 CY hauled. Minor delays were incurred to cut out a small nut that had jammed between the impellor and case and to transfer the Mobile Gas inspectors.

The USACE representative was aboard the dredge for the day.

The Margaret M obtained a conditional survey of STA 6+00 - 32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

The dredge, fill crew, and field engineers have been in pre-planning mode for the upcoming company wide Manson Safety Week.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 17 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 38	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 30 Apr 2017 - Sunday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 5+00 - 32+76		Galliard Island	7,511	155,037						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	02:28	MAX	1	TIME	15:28	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused Non-Critical Delay		69 °F / 81 °F		10		16					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		10		26				<b>EFFECTIVE WORKING TIME:</b>					
AFT		14		24				PUMPING:	00:00	01:40	0.0		
								TURNING:	00:00	00:24	0.0		
DRAG DEPTH		MAX <u>50</u> MIN <u>27</u>						TO DUMP:	00:00	02:16	0.0		
INDICATORS LAST CHECKED ON		<u>04/22/2017</u>						CONNECTING:	00:00	01:02	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN				DUMPING:	00:00	02:55	0.0		
				70				DISCONNECTING:	00:00	00:12	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN				TO CUT:	00:00	03:08	0.0		
				0				TOTALS:	00:00	11:37	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL				<b>NON-EFFECTIVE WORKING TIME:</b>					
				2,437				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
				1,092				LOSS DUE TO NATURAL ELEMENTS:	00:00	10:40	0.0		
<b>WORK PERFORMED</b>													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
2	7,511	Galliard Island		0		LOSS DUE TO TRAFFIC AND BRIDGES							
						MINOR OPERATING REPAIRS:							
						TRANSFERRING BETWEEN WORKS:							
						LAY TIME:							
						FIRE AND BOAT DRILLS:							
						MISCELLANEOUS:							
						TOTALS:							
						00:00    12:23    0.0							
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:							
						CESSATION:							
						COLLISIONS:							
						TOTALS:							
						00:00    00:00    0.0							
						TOTAL TIME/MILES:							
						00:00    24:00    0.0							

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 18 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 38
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 30 Apr 2017 - Sunday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. Only 2 loads were completed totalling 7,511 CY of material due to severe weather. There was a 68 minute delay due to traffic and a 640 minute delay due to severe weather.

The USACE representative was at the fill site for the duration of the day.

The Margaret M was not able to obtain a conditional survey due to heavy seas.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

A safety and ethics meeting was held. The dredge's rescue boat was test run.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 19 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 39	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 01 May 2017 - Monday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 5+00 - 32+76		Galliard Island		16,901		171,938			
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	03:38	MAX	1	TIME	16:19	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused Non-Critical Delay		69 °F / 84 °F		9		37					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11	28								
AFT				15	25	<b>EFFECTIVE WORKING TIME:</b>							
						PUMPING:		00:00	03:37	0.0			
						TURNING:		00:00	01:12	0.0			
						TO DUMP:		00:00	03:03	0.0			
						CONNECTING:		00:00	00:48	0.0			
						DUMPING:		00:00	03:34	0.0			
						DISCONNECTING:		00:00	00:11	0.0			
						TO CUT:		00:00	03:25	0.0			
						TOTALS:		00:00	15:50	0.0			
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>NON-EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0	LOSS DUE TO NATURAL ELEMENTS:		00:00	04:35	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL		3,676	LOSS DUE TO TRAFFIC AND BRIDGES		00:00	01:51	0.0		
GALLONS OF WATER CONSUMED				GAL		1,092	MINOR OPERATING REPAIRS:		00:00	01:44	0.0		
<b>WORK PERFORMED</b>						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
2	16,901	Galliard Island		0	MISCELLANEOUS:		00:00	00:00	0.0				
<b>ATTENDANT PLANT</b>						TOTALS:		00:00	08:10	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS		<b>LOST TIME:</b>							
Crew/Survey Vessel	Margaret M		0	12:00		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
Crew/Survey Vessel	Speedy M		0	12:00		CESSATION:		00:00	00:00	0.0			
Hopper Dredge	Glenn Edwards		0	24:00		COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 39
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 01 May 2017 - Monday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. Only 2 loads were completed totalling 16,901 CY of hauled material. There was a 95 minute delay due to traffic, a 275 minute delay due to severe weather, and 104 min delay to make repairs to the the stbd main engine keel cooler. The Stbd main engined remains offline.

The USACE representative was at the fill site for the duration of the day.

The Margaret M was able to obtain a conditional of Stations 5+00-29+00 and also of the pumpoff area.

**SAFETY**

Dredge and fill crews are writting JSAs and conducting all work according to safety procedures.

Safety Week has kicked off company wide. Today's discussion focused on hand safety.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 21 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 40
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 02 May 2017 - Tuesday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	19	3	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 5+00 - 32+76	Galliard Island	19,586	191,524
	AVG LENGTH OF CUT <u>2,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>73</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	05:32	MAX	1	TIME	17:51	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	57 °F / 82 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27						
AFT		15	26	<b>EFFECTIVE WORKING TIME:</b>				
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				PUMPING:				00:00    04:59    0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TURNING:				00:00    01:06    0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:				00:00    05:58    0.0
			70	CONNECTING:				00:00    01:03    0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:				00:00    05:31    0.0
			0	DISCONNECTING:				00:00    00:18    0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:				00:00    05:05    0.0
			3,599	TOTALS:				00:00    24:00    0.0
GALLONS OF WATER CONSUMED			GAL	<b>NON-EFFECTIVE WORKING TIME:</b>				
			1,248	TAKING ON FUEL AND SUPPLIES:				00:00    00:00    0.0
<b>WORK PERFORMED</b>				TO AND FROM WHARF OR ANCHORAGE:				00:00    00:00    0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:				00:00    00:00    0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00    00:00    0.0
3	19,586	Galliard Island	0	MINOR OPERATING REPAIRS:				00:00    00:00    0.0
				TRANSFERRING BETWEEN WORKS:				00:00    00:00    0.0
				LAY TIME:				00:00    00:00    0.0
				FIRE AND BOAT DRILLS:				00:00    00:00    0.0
<b>ATTENDANT PLANT</b>				MISCELLANEOUS:				00:00    00:00    0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:				00:00    00:00    0.0
Crew/Survey Vessel	Margaret M	0	12:00	<b>LOST TIME:</b>				
Crew/Survey Vessel	Speedy M	0	12:00	MAJOR REPAIRS AND ALTERATIONS:				00:00    00:00    0.0
Hopper Dredge	Glenn Edwards	0	24:00	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

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 40
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 02 May 2017 - Tuesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. 3 loads were completed totalling 19,586 CY of hauled material. No delays were encountered, but speed was reduced from 0230 to 0303 for traffic. Dry dock is set up for Wednesday afternoon to make repairs to the Stbd main engine.

The USACE inspector was aboard for the day.

The Margaret M was able to obtain a conditional of Stations 5+00-29+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Mooring line safety and demonstration was held onboard and at the fill site.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 23 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 41
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 03 May 2017 - Wednesday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	19	3	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 5+00 - 32+76	Galliard Island	4,941	196,465
	AVG LENGTH OF CUT <u>2,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>73</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	06:13	MAX	1	TIME	18:30	GAGE LOCATION	Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	61 °F / 82 °F	9	37

DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	11	27						
AFT		14	25	<b>EFFECTIVE WORKING TIME:</b>				
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				PUMPING:				00:00
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TURNING:				00:00
AVERAGE SPEED OF DREDGE DURING LOADING				TO DUMP:				00:00
				CONNECTING:				00:20
				DUMPING:				01:48
				DISCONNECTING:				00:07
				TO CUT:				00:00
				TOTALS:				04:03
GALLONS OF FUEL OIL CONSUMED				<b>NON-EFFECTIVE WORKING TIME:</b>				
				TAKING ON FUEL AND SUPPLIES:				00:00
GALLONS OF WATER CONSUMED				TO AND FROM WHARF OR ANCHORAGE:				00:00
				LOSS DUE TO NATURAL ELEMENTS:				00:00
				LOSS DUE TO TRAFFIC AND BRIDGES:				00:00
				MINOR OPERATING REPAIRS:				00:00
				TRANSFERRING BETWEEN WORKS:				00:00
				LAY TIME:				00:00
				FIRE AND BOAT DRILLS:				00:00
				MISCELLANEOUS:				00:00
				TOTALS:				00:00
				<b>LOST TIME:</b>				
				MAJOR REPAIRS AND ALTERATIONS:				19:57
				CESSATION:				00:00
				COLLISIONS:				00:00
				TOTALS:				19:57
				TOTAL TIME/MILES:				24:00

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
1	4,941	Galliard Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS
Crew/Survey Vessel	Margaret M	0	12:00
Crew/Survey Vessel	Speedy M	0	12:00
Hopper Dredge	Glenn Edwards	0	24:00

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 24 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 41
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 03 May 2017 - Wednesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between STA 5+00 and STA 29+00 of Mobile Harbor. One load was completed totalling 4,941 CY of hauled material. The Dredge went to fuel at Midstream Theodore at 0403 hrs where the vessel took on supplies, and had crew change. Once fueling was complete, the Glenn Edwards departed for World Shipyard dry dock where repairs will be made to the Stbd main engine.

The Margaret M was able to obtain a conditional of Stations 5+00-29+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Lifting safety and group stretch and flex held for the third day of Safety Week.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 25 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 42			
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 04 May 2017 - Thursday							
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		Mobile Bay	STA 5+00 - 32+76		Galliard Island	0	196,465								
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM									
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>									
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F									
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	06:22	MAX	1	TIME	19:01	GAGE LOCATION Mobile River State Dock					
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW					
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused No Delay		55 °F / 75 °F		7		29							
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		0		0											
AFT															
		0		0											
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70		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		1,078		CONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED				GAL		0		DUMPING:		00:00		00:00		0.0	
<b>WORK PERFORMED</b>						DISCONNECTING:		00:00		00:00		0.0			
DREDGING AND HAULING				AGITATING		TO CUT:		00:00		00:00		0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TOTALS:		00:00		00:00		0.0			
						NON-EFFECTIVE WORKING TIME:									
						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0			
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0			
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0			
						LAY TIME:		00:00		00:00		0.0			
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0			
						MISCELLANEOUS:		00:00		00:00		0.0			
						TOTALS:		00:00		00:00		0.0			
						MAJOR REPAIRS AND ALTERATIONS:		00:00		24:00		0.0			
						CESSATION:		00:00		00:00		0.0			
						COLLISIONS:		00:00		00:00		0.0			
						TOTALS:		00:00		24:00		0.0			
						TOTAL TIME/MILES:		00:00		24:00		0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 42
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 04 May 2017 - Thursday

**GENERAL COMMENTS**

The Dredge Glenn Edwards is drydocked at World Marine making repairs to the Stbd keel coolers. All repairs are going well and the dredge is scheduled to be back in the water Friday afternoon.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Safety Week meeting on fall protection and safety culture at Manson.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 27 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 43	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 05 May 2017 - Friday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Bay	STA 5+00 - 32+76		Gaillard Island		7,281	203,746					
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	05:39	MAX	1	TIME	13:27	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	22:19	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		55 °F / 75 °F		7		29					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		10		15				<b>EFFECTIVE WORKING TIME:</b>					
AFT		27		26				PUMPING:	00:00	01:38	0.0		
								TURNING:	00:00	00:36	0.0		
DRAG DEPTH		MAX <u>50</u> MIN <u>28</u>						TO DUMP:	00:00	03:27	0.0		
INDICATORS LAST CHECKED ON		<u>04/22/2017</u>						CONNECTING:	00:00	00:25	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN				DUMPING:	00:00	01:35	0.0		
				70				DISCONNECTING:	00:00	00:07	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN				TO CUT:	00:00	01:32	0.0		
				0				TOTALS:	00:00	09:20	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL				<b>NON-EFFECTIVE WORKING TIME:</b>					
				2,788				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
				1,092				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
<b>WORK PERFORMED</b>													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
1	7,281	Gaillard Island		0		LOSS DUE TO TRAFFIC AND BRIDGES							
						MINOR OPERATING REPAIRS:							
						TRANSFERRING BETWEEN WORKS:							
						LAY TIME:							
						FIRE AND BOAT DRILLS:							
<b>ATTENDANT PLANT</b>						MISCELLANEOUS:							
ITEM	NAME OR NUMBER		H.P.	HOURS		TOTALS:							
Crew/Survey Vessel	Margaret M		0	12:00		MAJOR REPAIRS AND ALTERATIONS:							
Crew/Survey Vessel	Speedy M		0	24:00		CESSATION:							
Hopper Dredge	Glenn Edwards		0	24:00		COLLISIONS:							
						TOTALS:							
						TOTAL TIME/MILES:							
						00:00    00:00    14:40    0.0							
						00:00    00:00    00:00    0.0							
						00:00    00:00    00:00    0.0							
						00:00    00:00    14:40    0.0							
						00:00    00:00    24:00    0.0							

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 43
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 05 May 2017 - Friday

**GENERAL COMMENTS**

The Dredge Glenn Edwards resumed dredging at 1425 hrs after remainig in drydock for the previous two days making repairs to the Stbd main engine keel coolers. One load was completed totaling 7,281 CY of hauled material.

An Initial Phase meeting was held with Manson and the USACE regarding the worked performed up to this point.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76 and a BD of Sta. 244+66-269+00.

**SAFETY**

Dredge and fill crews are wriiting JSAs and conducting all work according to safety procedures.

A Safety Meeting and man overboard drill were held at the fill area.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 29 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 44	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 06 May 2017 - Saturday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 5+00 - 32+76		Gaillard Island	32,478	236,224						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	21:22	MAX	1	TIME	12:26	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		50 °F / 73 °F		10		29					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				11		27							
AFT				15		26		<b>EFFECTIVE WORKING TIME:</b>					
								PUMPING:	00:00	03:42	0.0		
		DRAG DEPTH MAX <u>50</u> MIN <u>28</u>						TURNING:	00:00	01:39	0.0		
		INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TO DUMP:	00:00	05:17	0.0		
		AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN				CONNECTING:	00:00	00:49	0.0		
				70				DUMPING:	00:00	07:05	0.0		
		AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN				DISCONNECTING:	00:00	00:28	0.0		
				0				TO CUT:	00:00	04:45	0.0		
		GALLONS OF FUEL OIL CONSUMED		GAL				TOTALS:	00:00	23:45	0.0		
				4,576				<b>NON-EFFECTIVE WORKING TIME:</b>					
		GALLONS OF WATER CONSUMED		GAL				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
				1,248				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
<b>WORK PERFORMED</b>													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
4	32,478	Gaillard Island		0		LOSS DUE TO NATURAL ELEMENTS:							
						00:00							
						LOSS DUE TO TRAFFIC AND BRIDGES							
						00:00							
						MINOR OPERATING REPAIRS:							
						00:00							
						TRANSFERRING BETWEEN WORKS:							
						00:00							
						LAY TIME:							
						00:00							
						FIRE AND BOAT DRILLS:							
						00:00							
						MISCELLANEOUS:							
						00:00							
						TOTALS:							
						00:00							
<b>ATTENDANT PLANT</b>													
ITEM	NAME OR NUMBER			H.P.	HOURS								
Crew/Survey Vessel	Margaret M			0	12:00	MAJOR REPAIRS AND ALTERATIONS:							
Crew/Survey Vessel	Speedy M			0	24:00	00:00							
Hopper Dredge	Glenn Edwards			0	24:00	CESSATION:							
						00:00							
						COLLISIONS:							
						00:00							
						TOTALS:							
						00:00							
						TOTAL TIME/MILES:							
						00:00							

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 44
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 06 May 2017 - Saturday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between Sta. 5+00-29+00. 4 loads were completed totaling 32,478 CYs of hauled material. A 15 minute delay was encountered to make a minor repair to the Stbd draghead winch. Tested the dragarm jetting to see if it improves production with initial positive feedback.

The USACE QA was aboard for the day.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Weekly safety drills were conducted including a sweep of the vessel for a suspicious package.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 45	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 07 May 2017 - Sunday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 5+00 - 32+76		Gaillard Island		17,167	253,391				
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	05:14	MAX	0	TIME	00:57	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	1	TIME	12:59	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		61 °F / 82 °F		10		13					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11	30										
AFT				16	27	<b>EFFECTIVE WORKING TIME:</b>							
						PUMPING:		00:00	03:31	0.0			
						TURNING:		00:00	01:18	0.0			
						TO DUMP:		00:00	05:09	0.0			
						CONNECTING:		00:00	00:46	0.0			
						DUMPING:		00:00	06:12	0.0			
						DISCONNECTING:		00:00	00:18	0.0			
						TO CUT:		00:00	05:11	0.0			
						TOTALS:		00:00	22:25	0.0			
						<b>NON-EFFECTIVE WORKING TIME:</b>							
						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS:		00:00	01:20	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
						LAY TIME:		00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:		00:00	00:15	0.0			
						MISCELLANEOUS:		00:00	00:00	0.0			
						TOTALS:		00:00	01:35	0.0			
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
						CESSATION:		00:00	00:00	0.0			
						COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 45
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 07 May 2017 - Sunday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between Sta. 4+00-32+76. 3 loads were completed totaling 17,167 CYs of hauled material. A 80 minute delay was encountered due to a fouled line at the hose, and a 15 min delay to calibrate light ship. The jetting on the dragarms is resulting in an increase in load tonnage.

The USACE QA along with the Project Manager and Lead Engineer were aboard for a cycle.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Tested emergency shut downs, valves, and flushed the firemain. Completed fixing deficiencies found by the COE on the initial safety walkthrough

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 33 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 46	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 08 May 2017 - Monday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 5+00 - 32+76		Gaillard Island	23,903	277,294						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				1	GMS/LITER@ <u>73</u> °F						
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	21:22	MAX	1	TIME	12:26	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		60 °F / 86 °F		10		8					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11	29										
AFT				14	27	<b>EFFECTIVE WORKING TIME:</b>							
						PUMPING:		00:00	04:24	0.0			
						TURNING:		00:00	01:36	0.0			
						TO DUMP:		00:00	05:24	0.0			
						CONNECTING:		00:00	00:37	0.0			
						DUMPING:		00:00	05:41	0.0			
						DISCONNECTING:		00:00	00:17	0.0			
						TO CUT:		00:00	06:01	0.0			
						TOTALS:		00:00	24:00	0.0			
						<b>NON-EFFECTIVE WORKING TIME:</b>							
						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
						LAY TIME:		00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
						MISCELLANEOUS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
						CESSATION:		00:00	00:00	0.0			
						COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 46
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 08 May 2017 - Monday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between Sta. 4+00-32+76. 3 loads were completed totaling 23903 CYs of hauled material. No delays were encountered today.

The USACE QA Inspector was aboard.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

A safety meeting was held at the fill area about the importance of writing a JSAs.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 35 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 47	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 09 May 2017 - Tuesday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 4+00 - 32+76		Gaillard Island	26,371	303,665						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	21:52	MAX	1	TIME	12:16	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		62 °F / 84 °F		9		10					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		12		28				<b>EFFECTIVE WORKING TIME:</b>					
AFT		16		26				PUMPING:	00:00	02:46	0.0		
								TURNING:	00:00	01:00	0.0		
DRAG DEPTH		MAX <u>50</u> MIN <u>28</u>						TO DUMP:	00:00	06:08	0.0		
INDICATORS LAST CHECKED ON		<u>04/22/2017</u>						CONNECTING:	00:00	00:51	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN				DUMPING:	00:00	06:39	0.0		
				70				DISCONNECTING:	00:00	00:22	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN				TO CUT:	00:00	04:36	0.0		
				0				TOTALS:	00:00	22:22	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL				<b>NON-EFFECTIVE WORKING TIME:</b>					
				5,236				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
				1,404				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
<b>WORK PERFORMED</b>													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
3	26,371	Gaillard		0		LOSS DUE TO TRAFFIC AND BRIDGES							
						MINOR OPERATING REPAIRS:							
						00:00    01:38    0.0							
						TRANSFERRING BETWEEN WORKS:							
						00:00    00:00    0.0							
						LAY TIME:							
						00:00    00:00    0.0							
						FIRE AND BOAT DRILLS:							
						00:00    00:00    0.0							
						MISCELLANEOUS:							
						00:00    00:00    0.0							
						TOTALS:							
						00:00    01:38    0.0							
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:							
						00:00    00:00    0.0							
						CESSATION:							
						00:00    00:00    0.0							
						COLLISIONS:							
						00:00    00:00    0.0							
						TOTALS:							
						00:00    00:00    0.0							
						TOTAL TIME/MILES:							
						00:00    24:00    0.0							

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 36 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 47
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 09 May 2017 - Tuesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between Sta. 4+00-32+76. 3 loads were completed totaling 26371 CYs of hauled material. One delay for 98 min at 0% pay occurred due to a repair on the pumpout bell gasket.

The USACE QA Inspector was aboard for a cycle before going landside to inspect the fill area..

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

A man overboard drill was conducted with a live launch of the rescue boat.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 37 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 48	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 10 May 2017 - Wednesday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 4+00 - 32+76 & 32+76-50+00		Gaillard Island		34,436		338,101			
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	23:05	MAX	1	TIME	12:58	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused Critical Delay		61 °F / 86 °F		10		13					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
<b>FORWARD</b>		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11	27								
<b>AFT</b>				15	25	<b>EFFECTIVE WORKING TIME:</b>							
						PUMPING:		00:00	03:39	0.0			
						TURNING:		00:00	00:42	0.0			
						TO DUMP:		00:00	05:12	0.0			
						CONNECTING:		00:00	00:41	0.0			
						DUMPING:		00:00	06:35	0.0			
						DISCONNECTING:		00:00	00:30	0.0			
						TO CUT:		00:00	06:41	0.0			
						TOTALS:		00:00	24:00	0.0			
						<b>NON-EFFECTIVE WORKING TIME:</b>							
						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
						LAY TIME:		00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
						MISCELLANEOUS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						<b>LOST TIME:</b>							
						MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
						CESSATION:		00:00	00:00	0.0			
						COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 48
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 10 May 2017 - Wednesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging between Sta. 4+00-32+76 before switching to 32+76-50+00 as directed by the USACE. 4 loads were completed totaling 34,436 CYs of hauled material. No delays incurred today.

The USACE QA Inspector was aboard for a cycle before going landside to inspect the fill area..

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 39 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 49			
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 11 May 2017 - Thursday							
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		Mobile Bay	STA 4+00 - 32+76 & 32+76-50+00		Gaillard Island	23,275	361,376								
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM									
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>									
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F									
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	23:05	MAX	1	TIME	12:58	GAGE LOCATION Mobile River State Dock					
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW					
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused Critical Delay		64 °F / 84 °F		10		12							
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
				11		28									
AFT				15		26									
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>EFFECTIVE WORKING TIME:</b>									
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00		04:51		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70		TURNING:		00:00		01:30		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP:		00:00		06:47		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		5,079		CONNECTING:		00:00		00:53		0.0	
GALLONS OF WATER CONSUMED				GAL		1,092		DUMPING:		00:00		04:52		0.0	
<b>WORK PERFORMED</b>						DISCONNECTING:		00:00		00:20		0.0			
DREDGING AND HAULING				AGITATING				TO CUT:		00:00		04:47		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TOTALS:		00:00		24:00		0.0			
3	23,275	Gaillard Island		0		<b>NON-EFFECTIVE WORKING TIME:</b>									
						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0			
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0			
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0			
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0			
						LAY TIME:		00:00		00:00		0.0			
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0			
						MISCELLANEOUS:		00:00		00:00		0.0			
						TOTALS:		00:00		00:00		0.0			
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>									
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0			
Crew/Survey Vessel	Margaret M		0	12:00		CESSATION:		00:00		00:00		0.0			
Crew/Survey Vessel	Speedy M		0	24:00		COLLISIONS:		00:00		00:00		0.0			
Hopper Dredge	Glenn Edwards		0	24:00		TOTALS:		00:00		00:00		0.0			
						TOTAL TIME/MILES:		00:00		24:00		0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 40 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 49
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 11 May 2017 - Thursday

**GENERAL COMMENTS**

The Dredge Glenn Edwards switched back to digging Sta 4+00-32+76 after discovering the material dug from Assignment 2 (32+76-50+00) consisted of the same mud that we have been experiencing in Assignment 1. The USACE Inspector directed digging to be focused on the red side of the channel. 3 loads were completed totaling 23,275 CYs of hauled material.

At the fill site, the USACE directed Manson to push the material used to advance the shorepipe forward in order to advance the training dike.

No delays were encountered with the full day at 100% pay.

The USACE QA Inspector was aboard for a cycle before going over to the fill area.

The Margaret M obtained a conditional survey of Sta. 32+76+53+00 and the pump off area..

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 41 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 50	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 12 May 2017 - Friday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 4+00 - 32+76		Gaillard Island	32,150	393,526						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	23:50	MAX	1	TIME	13:30	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused Critical Delay		66 °F / 80 °F		9		17					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11		28							
AFT				15		27							
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00		03:53		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING								00:00		01:36		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING								00:00		05:04		0.0	
GALLONS OF FUEL OIL CONSUMED								00:00		00:36		0.0	
GALLONS OF WATER CONSUMED								00:00		07:11		0.0	
GAL						70		00:00		00:20		0.0	
GAL						0		00:00		04:35		0.0	
GAL						5,013		00:00		23:15		0.0	
GAL						936		<b>NON-EFFECTIVE WORKING TIME:</b>					
<b>WORK PERFORMED</b>						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	32,150	Gaillard Island	0			LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:45		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		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		00:45		0.0	
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
Crew/Survey Vessel	Margaret M	0	12:00			CESSATION:		00:00		00:00		0.0	
Crew/Survey Vessel	Speedy M	0	24:00			COLLISIONS:		00:00		00:00		0.0	
Hopper Dredge	Glenn Edwards	0	24:00			TOTALS:		00:00		00:00		0.0	
Crew/Survey Vessel	Aggie	0	12:00			TOTAL TIME/MILES:		00:00		24:00		0.0	

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 42 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 50
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 12 May 2017 - Friday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging Assignment 1 Sta 4+00-32+76 focusing on the north end of the cut by the bridge and the red side. 4 loads were completed totaling 32,150 CYs of hauled material. There was a 45 minute delay to replace the bow connection gasket.

The Fill Crew has been extending the training dike with the material previously used to advance the dike. The wide track D6 continues to get repairs.

The USACE QA Inspector and Manson's LE were aboard for a cycle.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

The crew continues to make improvement to the ship's hand rails.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 43 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 51			
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 13 May 2017 - Saturday							
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
		19		3		2	7								
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Bay		STA 4+00 - 32+76		Gaillard Island		23,940	417,466						
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM									
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>									
		DENSITY OF WATER				1	GMS/LITER@ <u>73</u> °F								
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	00:00	MAX	1	TIME	14:07	GAGE LOCATION Mobile River State Dock					
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW					
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused Critical Delay		66 °F / 82 °F	10	14									
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		11	28												
AFT				15	27										
DRAG DEPTH		MAX <u>50</u> MIN <u>28</u>													
INDICATORS LAST CHECKED ON		<u>04/22/2017</u>													
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70									
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0									
GALLONS OF FUEL OIL CONSUMED				GAL		4,991									
GALLONS OF WATER CONSUMED				GAL		1,248									
<b>WORK PERFORMED</b>						<b>NON-EFFECTIVE WORKING TIME:</b>									
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	00:00	0.0				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	00:00	0.0				
3	23,940	Gaillard Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	00:00	0.0				
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	00:00	0.0				
						MINOR OPERATING REPAIRS:		00:00	00:00	00:00	0.0				
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	00:00	0.0				
						LAY TIME:		00:00	00:00	00:00	0.0				
						FIRE AND BOAT DRILLS:		00:00	00:00	00:00	0.0				
						MISCELLANEOUS:		00:00	00:00	00:00	0.0				
						TOTALS:		00:00	00:00	00:00	0.0				
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>									
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	00:00	0.0				
Crew/Survey Vessel	Margaret M	0	12:00			CESSATION:		00:00	00:00	00:00	0.0				
Crew/Survey Vessel	Speedy M	0	00:00			COLLISIONS:		00:00	00:00	00:00	0.0				
Hopper Dredge	Glenn Edwards	0	24:00			TOTALS:		00:00	00:00	00:00	0.0				
Crew/Survey Vessel	Aggie	0	12:00			TOTAL TIME/MILES:		00:00	00:00	24:00	0.0				

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 44 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 51
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 13 May 2017 - Saturday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging Assignment 1 Sta 4+00-32+76 backing and filling near the bridge before finishing the load in the sump. 3 loads were completed totaling 31,973 CYs of hauled material. No delays were encountered for the day.

The fill site recieved a fair amount of sand during the loads overnight. With the increase in sand, the fill crew was forced to advance the shorepipe by 40'.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are wriiting JSAs and conducting all work according to safety procedures.

A weekly fire and abandon ship drill followed by a safety meeting was held on the Glenn Edwards.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 52	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 14 May 2017 - Sunday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 4+00 - 32+76		Gaillard Island		20,441	437,907				
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	00:45	MAX	1	TIME	14:47	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			64 °F / 87 °F		10		10				
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11	27										
AFT				14	25	<b>EFFECTIVE WORKING TIME:</b>							
						PUMPING:		00:00	06:22	0.0			
						TURNING:		00:00	01:00	0.0			
						TO DUMP:		00:00	05:21	0.0			
						CONNECTING:		00:00	00:49	0.0			
						DUMPING:		00:00	05:06	0.0			
						DISCONNECTING:		00:00	00:22	0.0			
						TO CUT:		00:00	04:38	0.0			
						TOTALS:		00:00	23:38	0.0			
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>NON-EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL		5,037	LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED				GAL		936	MINOR OPERATING REPAIRS:		00:00	00:00	0.0		
<b>WORK PERFORMED</b>						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
3	20,441	Gaillard Island		0	MISCELLANEOUS:		00:00	00:22	0.0				
<b>ATTENDANT PLANT</b>						TOTALS:		00:00	00:22	0.0			
ITEM	NAME OR NUMBER			H.P.	HOURS	<b>LOST TIME:</b>							
Crew/Survey Vessel	Margaret M			0	12:00	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
Crew/Survey Vessel	Speedy M			0	00:00	CESSATION:		00:00	00:00	0.0			
Hopper Dredge	Glenn Edwards			0	24:00	COLLISIONS:		00:00	00:00	0.0			
Crew/Survey Vessel	Aggie			0	12:00	TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 52
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 14 May 2017 - Sunday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging Assignment 1 Sta 4+00-32+76 backing and filling near the bridge before finishing the load in the sump. 3 loads were completed totaling 20,441 CY of hauled material. A 22 min delay at 70% pay was encountered to flush the hopper.

The fill crew continues to extend the training dike after each load with the current dike approximately 400' long. The fill has been forced along the perimeter dike, helping material settle in close proximity to the dike.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Weekly tests performed aboard the dredge. Landside, a safety meeting was held discussing the procedures in the event of a lightning storm.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 47 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 53	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 15 May 2017 - Monday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	3		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 4+00 - 32+76		Gaillard Island		19,467		457,374			
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	00:45	MAX	1	TIME	14:47	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		66 °F / 89 °F		10		9					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		10		26									
AFT				14		25							
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00	04:13	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING								00:00	01:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING								00:00	07:21	0.0			
GALLONS OF FUEL OIL CONSUMED								00:00	00:39	0.0			
GALLONS OF WATER CONSUMED								00:00	05:10	0.0			
								00:00	00:24	0.0			
								00:00	05:13	0.0			
								00:00	24:00	0.0			
<b>WORK PERFORMED</b>						<b>NON-EFFECTIVE WORKING TIME:</b>							
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	
3	19,467	Gaillard Island	0			LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
						LAY TIME:		00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
						MISCELLANEOUS:		00:00	00:00	0.0			
						TOTALS:		00:00	00:00	0.0			
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
Crew/Survey Vessel		Margaret M		0	12:00	CESSATION:		00:00	00:00	0.0			
Hopper Dredge		Glenn Edwards		0	24:00	COLLISIONS:		00:00	00:00	0.0			
Crew/Survey Vessel		Aggie		0	12:00	TOTALS:		00:00	00:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 53
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 15 May 2017 - Monday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging Assignment 1 Sta 5+00-32+76 focusing on the east side of the river. 3 loads were completed totaling 19,467 CY of hauled material. There is a diver flag located at the ASDD Blakely Terminal dock and scows at the Vulcan Terminal preventing any dredging near the bulkhead of these terminals. Engineers and mates have tried to contact these terminals to see if these objects could be moved. None of the companies were able to be reached by phone or radio.

Daily Hauled CY: 19,467  
 Previous Cumulative CY: 437,907  
 Job Total CY: 457,374

The fill crew continues to extend the training dike after each load with the current dike approximately 400' long. Manson is expecting a marsh buggy to be onsite tomorrow to help extend the training dike and extra 500'-1000'.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

2 crew members went ashore for crane physicals and USCG med cert physicals.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 54	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 16 May 2017 - Tuesday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			19	2		2	7						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		STA 4+00 - 32+76		Gaillard Island		19,937	477,311				
		AVG LENGTH OF CUT <u>2,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS						GMS/LITER <u>1.25</u>					
		DENSITY OF WATER				1		GMS/LITER@ <u>73</u> °F					
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	02:00	MAX	1	TIME	16:10	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER			TEMP (min / max)		VISIBILITY		WIND				
		Weather Caused No Delay			66 °F / 86 °F		9		4				
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				10	26								
AFT				14	25								
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00	04:56	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING								00:00	01:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING								00:00	05:24	0.0			
GALLONS OF FUEL OIL CONSUMED								00:00	00:50	0.0			
GALLONS OF WATER CONSUMED								00:00	06:10	0.0			
NON-EFFECTIVE WORKING TIME:						TO DUMP:		00:00	00:23	0.0			
TAKING ON FUEL AND SUPPLIES:								00:00	04:42	0.0			
TO AND FROM WHARF OR ANCHORAGE:								00:00	23:25	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	00:35	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	00:35	0.0			
<b>WORK PERFORMED</b>						<b>LOST TIME:</b>							
DREDGING AND HAULING				AGITATING		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		CESSATION:		00:00	00:00	0.0			
3	19,937	Gaillard Island		0	COLLISIONS:		00:00	00:00	0.0				
ATTENDANT PLANT						TOTALS:		00:00	00:00	0.0			
ITEM	NAME OR NUMBER			H.P.	HOURS	TOTAL TIME/MILES:		00:00	24:00	0.0			
Crew/Survey Vessel	Margaret M			0	12:00								
Hopper Dredge	Glenn Edwards			0	24:00								
Crew/Survey Vessel	Aggie			0	12:00								

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 54
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 16 May 2017 - Tuesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging Assignment 1 Sta 5+00-32+76 focusing on the east side of the river. 3 loads were completed totaling 19,937 CY of hauled material.

Daily Hauled CY: 19,937  
 Previous Cumulative CY: 457,374  
 Job Total CY: 477,311

A 35 minute delay (1945 - 2020) delay was incurred at 0% pay for flushing the plate coolers on the pump engines.

The fill crew continues to extend the training dike after each load with the current dike approximately 400' long. A marsh buggy was mobilized onto Gaillard Island and will be assisting in the efforts to extend the existing dike an additional 500' - 1000'.

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

The Margaret M obtained a conditional survey of Sta. 4+00-32+76.

USACE QA, Thomas Blakely, instructed Manson's alternate QCM, Tanner Jennings, to have the dredge suspend dredging in Assignment #1 (STA 4+00 - 32+76) and to commence dredging in Assignment #2 (STA 32+76 - 50+00), on the first load dug after 0000 hours on 5/17/17.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

2 crew members went ashore for crane physicals and USCG med cert physicals.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 51 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 55			
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 17 May 2017 - Wednesday							
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
			20	2		2	7								
<b>LOCATION OF WORK</b>		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Bay		STA 32+76-50+00		Gaillard Island		24,430	501,741						
		AVG LENGTH OF CUT <u>1.800</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM									
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>									
		DENSITY OF WATER				1	GMS/LITER@ <u>73</u> °F								
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	03:12	MAX	1	TIME	16:51	GAGE LOCATION Mobile River State Dock					
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW					
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused No Delay		66 °F / 86 °F	9	4									
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		10	26												
AFT				14	25	<b>EFFECTIVE WORKING TIME:</b>									
						PUMPING:		00:00	03:26	0.0					
						TURNING:		00:00	00:48	0.0					
						TO DUMP:		00:00	05:22	0.0					
						CONNECTING:		00:00	00:59	0.0					
						DUMPING:		00:00	06:18	0.0					
						DISCONNECTING:		00:00	00:24	0.0					
						TO CUT:		00:00	05:43	0.0					
						TOTALS:		00:00	23:00	0.0					
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>NON-EFFECTIVE WORKING TIME:</b>									
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70	TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED				GAL		4,448	LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0				
GALLONS OF WATER CONSUMED				GAL		936	MINOR OPERATING REPAIRS:		00:00	01:00	0.0				
<b>WORK PERFORMED</b>						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0					
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00	00:00	0.0					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		FIRE AND BOAT DRILLS:		00:00	00:00	0.0					
4	24,430	Gaillard Island		0	MISCELLANEOUS:		00:00	00:00	0.0						
<b>ATTENDANT PLANT</b>						TOTALS:		00:00	01:00	0.0					
ITEM		NAME OR NUMBER		H.P.	HOURS		<b>LOST TIME:</b>								
Crew/Survey Vessel		Margaret M		0	12:00		MAJOR REPAIRS AND ALTERATIONS:		00:00	00:00	0.0				
Hopper Dredge		Glenn Edwards		0	24:00		CESSATION:		00:00	00:00	0.0				
Crew/Survey Vessel		Aggie		0	12:00		COLLISIONS:		00:00	00:00	0.0				
							TOTALS:		00:00	00:00	0.0				
							TOTAL TIME/MILES:		00:00	24:00	0.0				

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 55
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards	<b>DATE</b> 17 May 2017 - Wednesday	

**GENERAL COMMENTS**

The Dredge Glenn Edwards moved to Assignment 2 Sta. 32+76-50+00 at 03:01 after being directed by the USACE QA. 4 loads were completed today for a total haul of 24,430 CYs.

Daily Hauled CY: 24,430  
 Previous Cumulative CY: 477,311  
 Job Total CY: 501,741

A 60 minute delay (0803 - 0903) delay was incurred at 0% pay for flushing the bell connection to free up the locking band on the Vosta connection.

The newly added marsh buggy broke down after running for 5 hours. A Cat mechanic will be out tomorrow to make the needed repairs.

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

Crew change took place aboard the Glenn: Capt, Chief Engineer, Chief Mate, 2 AB's, 1 QMED and 1 mate in training.

The Margaret M obtained a conditional survey of Sta. 4+00-53+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 53 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 56
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 18 May 2017 - Thursday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 32+76-50+00	Gaillard Island	19,684	521,425
	AVG LENGTH OF CUT <u>1.800</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER	1.25
	DENSITY OF WATER	1	GMS/LITER@	73 °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	03:12	MAX	1	TIME	16:51	GAGE LOCATION	Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	50 °F / 80 °F	13.	10

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	28	<b>EFFECTIVE WORKING TIME:</b>			
AFT		26	PUMPING:	00:00	04:14	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>			TURNING:	00:00	01:36	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>			TO DUMP:	00:00	05:12	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:54	0.0
		70	DUMPING:	00:00	04:33	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:18	0.0
		0	TO CUT:	00:00	04:16	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	21:03	0.0
		3,947	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		1,248	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:29	0.0
3	19,684	Gaillard Island	0	MINOR OPERATING REPAIRS:	00:00	01:28	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Vessel	Margaret M	0	12:00	TOTALS:	00:00	02:57	0.0
Hopper Dredge	Glenn Edwards	0	24:00	<b>LOST TIME:</b>			
Crew/Survey Vessel	Aggie	0	12:00	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 56
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 18 May 2017 - Thursday

**GENERAL COMMENTS**

The Dredge Glenn Edwards continued digging Assignment 2 Sta. 32+76-50+00. Cleanup was requested in stations 28+00-32+76 by the the USACE QA. One load was dug in this area by backing and filling before extending the cut in Assignment 2 to include these stations. 3 loads were completed totaling 19,684 CY of hauled material.

Daily Hauled CY: 19,684  
 Previous Cumulative CY: 501,741  
 Job Total CY: 521,425

3 delays delays were encountered totaling 177 min  
 1340-1410: 30 min due to traffic: 70% pay  
 1605-1704: 59 min due to traffic: 70% pay  
 2103-2231: 88 min to make minor repairs to the booster pump. 0% pay

Cat mechanics went out to Gaillard Island to make repairs to the marsh buggy. Once it the buggy was back up and running it continued extending the training dike by approximately 400'.

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

**SAFETY**

Dredge and fill crews are writting JSAs and conducting all work according to safety procedures.

Discussed lockout tagout procedures aboard the Glenn.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 55 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 57	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 19 May 2017 - Friday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 68+12-105+54		Gaillard Island	15,852	537,277						
		AVG LENGTH OF CUT <u>3,742</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>82</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	04:08	MAX	1	TIME	18:07	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		78 °F / 87 °F		10		14					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		11		28									
AFT		15		26									
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00		04:55		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TURNING:		00:00		00:42		0.0	
				70		TO DUMP:		00:00		05:20		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		CONNECTING:		00:00		00:49		0.0	
				0		DUMPING:		00:00		04:35		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		DISCONNECTING:		00:00		00:24		0.0	
				4,207		TO CUT:		00:00		06:10		0.0	
GALLONS OF WATER CONSUMED				GAL		TOTALS:		00:00		22:55		0.0	
				936		<b>NON-EFFECTIVE WORKING TIME:</b>							
<b>WORK PERFORMED</b>						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	15,852	15852		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	
<b>ATTENDANT PLANT</b>						MISCELLANEOUS:		00:00		01:05		0.0	
ITEM	NAME OR NUMBER			H.P.	HOURS	TOTALS:		00:00		01:05		0.0	
Crew/Survey Vessel	Margaret M			0	12:00	<b>LOST TIME:</b>							
Hopper Dredge	Glenn Edwards			0	24:00	MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
Crew/Survey Vessel	Aggie			0	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	

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 56 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 57
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 19 May 2017 - Friday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #2, STA 32+76-50+00, before being directed by USACE QA, Thomas Blakely, to commence dredging in Assignment #3, STA 68+12 - 105+54.

Daily Hauled CY: 15,852  
 Previous Cumulative CY: 521,425  
 Job Total CY: 537,277

2 delays delays were encountered totaling 65 min  
 09:37-10:37 Weir cleaning @ 70%  
 23:25-0000 Clear logs from booster pump impeller @ 70%

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Discussed lockout tagout procedures aboard the Glenn.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 57 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 58
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 20 May 2017 - Saturday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 105+54-146+00	Gaillard Island	18,719	555,996
	AVG LENGTH OF CUT <u>4,046</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>82</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	04:23	MAX	1	TIME	18:33	GAGE LOCATION	Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	78 °F / 87 °F	10	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	11	28		<b>EFFECTIVE WORKING TIME:</b>			
AFT		26		PUMPING:	00:00	06:26	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				TURNING:	00:00	00:42	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	05:41	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:34	0.0
			70	DUMPING:	00:00	04:27	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:23	0.0
			0	TO CUT:	00:00	03:44	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:57	0.0
			4,623	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,248	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
3	18,719	Gaillard Island	0				
				LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			
				MISCELLANEOUS:			
				TOTALS:			

ATTENDANT PLANT					MAJOR REPAIRS AND ALTERATIONS:			
ITEM	NAME OR NUMBER	H.P.	HOURS		CESSATION:	00:00	00:00	0.0
Crew/Survey Vessel	Margaret M	0	12:00		COLLISIONS:	00:00	00:00	0.0
Hopper Dredge	Glenn Edwards	0	24:00		TOTALS:	00:00	00:00	0.0
Crew/Survey Vessel	Aggie	0	12:00		TOTAL TIME/MILES:	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 58
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 20 May 2017 - Saturday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #4, STA 105+54-146+00.

Daily Hauled CY: 18,719

Previous Cumulative CY: 537,277

Job Total CY: 555,996

2 delays delays were encountered totaling 123 min

00:00-01:38 - Clear logs from booster pump impeller @ 70%

12:05-12:30 - Marsh buggy broke down in fill preventing timely pump-off @ 70%

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Discussed lockout tagout procedures aboard the Glenn.



**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 59
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 21 May 2017 - Sunday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #4, STA 105+54-146+00.

Daily Hauled CY: 17,894  
 Previous Cumulative CY: 555,996  
 Job Total CY: 573,890

No delays were incurred.

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

**SAFETY**

Dredge and fill crews are witting JSAs and conducting all work according to safety procedures. In addition, both crews conducted their weekly safety and ethics meetings.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 61 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 60	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						<b>DATE</b> 22 May 2017 - Monday			
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY		DAYS PER WEEK					
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 105+54-146+00 and STA 146+00-186+00		Gaillard Island	22,759	596,649						
		AVG LENGTH OF CUT <u>4,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER		<u>1</u>		GMS/LITER@ <u>80</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	04:23	MAX	0	TIME	00:30	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	20:37	MAX	1	TIME	12:04	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		68 °F / 81 °F		10		3					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
			11		27								
AFT			14		25	<b>EFFECTIVE WORKING TIME:</b>							
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						PUMPING:	00:00	05:07	0.0				
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TURNING:	00:00	00:48	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO DUMP:	00:00	06:21	0.0				
				70		CONNECTING:	00:00	00:59	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		DUMPING:	00:00	05:45	0.0				
				0		DISCONNECTING:	00:00	00:27	0.0				
GALLONS OF FUEL OIL CONSUMED				GAL		TO CUT:	00:00	04:33	0.0				
				3,732		TOTALS:	00:00	24:00	0.0				
GALLONS OF WATER CONSUMED				GAL		<b>NON-EFFECTIVE WORKING TIME:</b>							
				1,248		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0				
<b>WORK PERFORMED</b>						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0				
4	22,759	Gaillard Island	0			MINOR OPERATING REPAIRS:	00:00	00:00	0.0				
						TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0				
						LAY TIME:	00:00	00:00	0.0				
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
						MISCELLANEOUS:	00:00	00:00	0.0				
						TOTALS:	00:00	00:00	0.0				
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>							
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0				
Crew/Survey Vessel	Margaret M		0	12:00		CESSATION:	00:00	00:00	0.0				
Hopper Dredge	Glenn Edwards		0	24:00		COLLISIONS:	00:00	00:00	0.0				
Crew/Survey Vessel	Aggie		0	12:00		TOTALS:	00:00	00:00	0.0				
						TOTAL TIME/MILES:	00:00	24:00	0.0				

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 62 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 60
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 22 May 2017 - Monday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #4, STA 105+54-146+00, before moving into Assignment #5, STA 146+00-186+00, per direction of USACE QA, Thomas Blakely.

Daily Hauled CY: 22,759  
 Previous Cumulative CY: 573,890  
 Job Total CY: 596,649

No delays were incurred.

The USACE QA conducted a walkthrough of Gaillard Island and boarded the dredge.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.



**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 64 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 61
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 23 May 2017 - Tuesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #5, STA 146+00-186+00.

Daily Hauled CY: 20,905  
 Previous Cumulative CY: 596,649  
 Job Total CY: 617,554

No delays were incurred.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 65 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001		<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor			<b>CONTRACTOR</b> Manson Construction Co.		<b>REPORT NO.</b> 62	
<b>CHARACTER OF REPORT</b>		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 24 May 2017 - Wednesday		
<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		20	2		2	7		
<b>LOCATION OF WORK</b>	LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA STA 146+00-186+00		DISPOSAL AREA USE Gaillard Island		QTY DEPOSITED GROSS(CY) 21,990	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 639,544
	AVG LENGTH OF CUT <u>4,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM			
<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS					GMS/LITER <u>1.25</u>		
	DENSITY OF WATER			<u>1</u>		GMS/LITER@ <u>80</u> °F		
<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	22:07	MAX	1	TIME	11:43
	MIN	0	TIME	00:00	MAX	0	TIME	00:00
<b>WEATHER CONDITION</b>		WEATHER Weather Caused No Delay		TEMP (min / max) 64 °F / 79 °F		VISIBILITY 10		WIND 5
<b>DRAFT</b>				<b>DISTRIBUTION OF TIME AND MILES RUN</b>				
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			11	27	<b>EFFECTIVE WORKING TIME:</b>			
AFT			14	25	PUMPING:	00:00	06:03	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>					TURNING:	00:00	00:36	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>					TO DUMP:	00:00	04:48	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	70	CONNECTING:	00:00	01:29	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	04:53	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	4,526	DISCONNECTING:	00:00	00:30	0.0
GALLONS OF WATER CONSUMED			GAL	1,404	TO CUT:	00:00	04:21	0.0
<b>WORK PERFORMED</b>				<b>NON-EFFECTIVE WORKING TIME:</b>				
DREDGING AND HAULING		AGITATING			TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
3	21,990	Gaillard Island	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	01:00	0.0
<b>ATTENDANT PLANT</b>				<b>TOTALS:</b>				
ITEM	NAME OR NUMBER	H.P.	HOURS		MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Vessel	Margaret M	0	12:00		TOTALS:	00:00	01:20	0.0
Hopper Dredge	Glenn Edwards	0	24:00		<b>LOST TIME:</b>			
Crew/Survey Vessel	Aggie	0	12:00		MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
					CESSATION:	00:00	00:00	0.0
					COLLISIONS:	00:00	00:00	0.0
					TOTALS:	00:00	00:00	0.0
					TOTAL TIME/MILES:	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 66 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 62
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 24 May 2017 - Wednesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #5, STA 146+00-186+00.

Daily Hauled CY: 21,990  
 Previous Cumulative CY: 617,554  
 Job Total CY: 639,544

Delays:  
 60 minute delay (00:25-01:25) for flushing discharge box of debris and mud.  
 20 minute delay (04:10-04:30) for traffic slowdown.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 67 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 63			
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 25 May 2017 - Thursday							
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		Mobile Bay	STA 112+00-186+00		Gaillard Island	36,800	676,344								
		AVG LENGTH OF CUT <u>7,400</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM									
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>									
		DENSITY OF WATER				GMS/LITER@ <u>80</u> °F									
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	23:03	MAX	1	TIME	12:10	GAGE LOCATION Mobile River State Dock					
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW					
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused No Delay		66 °F / 82 °F		10		5							
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		11		27											
AFT		14		25											
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>EFFECTIVE WORKING TIME:</b>									
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						PUMPING:		00:00		06:47		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		70		TURNING:		00:00		01:03		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		TO DUMP:		00:00		04:21		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		4,634		CONNECTING:		00:00		00:57		0.0	
GALLONS OF WATER CONSUMED				GAL		1,092		DUMPING:		00:00		05:13		0.0	
<b>WORK PERFORMED</b>						DISCONNECTING:		00:00		00:46		0.0			
DREDGING AND HAULING		AGITATING						TO CUT:		00:00		04:53		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS				TOTALS:		00:00		24:00		0.0	
4	36,800	Gaillard Island		0				<b>NON-EFFECTIVE WORKING TIME:</b>							
								TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
								TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
								LAY TIME:		00:00		00:00		0.0	
								FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
								MISCELLANEOUS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
<b>ATTENDANT PLANT</b>						<b>LOST TIME:</b>									
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0			
Crew/Survey Vessel	Margaret M		0	12:00		CESSATION:		00:00		00:00		0.0			
Hopper Dredge	Glenn Edwards		0	24:00		COLLISIONS:		00:00		00:00		0.0			
Crew/Survey Vessel	Aggie		0	12:00		TOTALS:		00:00		00:00		0.0			
						TOTAL TIME/MILES:		00:00		24:00		0.0			

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 68 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 63
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 25 May 2017 - Thursday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #5, STA 146+00-186+00 for the majority of the day, before making dredge cuts between STA 112+00 and STA 146+00, per the USACE QA's direction.

Daily Hauled CY: 36,800  
 Previous Cumulative CY: 639,544  
 Job Total CY: 676,344

The Margaret M obtained a conditional survey of STA 146+00-186+00.

**SAFETY**

Dredge and fill crews are writting JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 69 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 64	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 26 May 2017 - Friday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 146+00-226+00		Gaillard Island	32,112	708,456						
		AVG LENGTH OF CUT <u>8,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>80</u> °F							
<b>RIVER/TIDE STAGE</b>		MIN	0	TIME	00:00	MAX	1	TIME	12:49	GAGE LOCATION Mobile River State Dock			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		66 °F / 82 °F		10		6					
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		10		26									
AFT		15		24		<b>EFFECTIVE WORKING TIME:</b>							
						PUMPING:		00:00		06:54		0.0	
						TURNING:		00:00		00:43		0.0	
						TO DUMP:		00:00		04:45		0.0	
						CONNECTING:		00:00		01:06		0.0	
						DUMPING:		00:00		05:27		0.0	
						DISCONNECTING:		00:00		00:31		0.0	
						TO CUT:		00:00		04:34		0.0	
						TOTALS:		00:00		24:00		0.0	
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>						<b>NON-EFFECTIVE WORKING TIME:</b>							
INDICATORS LAST CHECKED ON <u>04/22/2017</u>						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
				70		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
				0		MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
				4,565		LAY TIME:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED				GAL		FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
				1,248		MISCELLANEOUS:		00:00		00:00		0.0	
<b>WORK PERFORMED</b>						TOTALS:		00:00		00:00		0.0	
DREDGING AND HAULING				AGITATING		<b>LOST TIME:</b>							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
4	32,112	Gaillard Island		0		CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
<b>ATTENDANT PLANT</b>						TOTAL TIME/MILES:		00:00		24:00		0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS									
Crew/Survey Vessel	Margaret M		0	12:00									
Hopper Dredge	Glenn Edwards		0	24:00									
Crew/Survey Vessel	Aggie		0	12:00									

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 70 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 64
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 26 May 2017 - Friday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #5, STA 146+00-186+00, before shifting to Assignment #6, STA 186+00-226+00, at 10:45.

Daily Hauled CY: 32,112  
 Previous Cumulative CY: 676,344  
 Job Total CY: 708,456

The Aggie obtained a conditional survey of STA 105+54-186+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 71 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001				<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor				<b>CONTRACTOR</b> Manson Construction Co.				<b>REPORT NO.</b> 65	
<b>CHARACTER OF REPORT</b>				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				<b>DATE</b> 27 May 2017 - Saturday					
<b>DREDGE</b> (Glenn Edwards)		HOPPER CAP: <u>13,000</u> CY		AVG VOL OF BIN WATER: <u>0</u> CY		AVG UNFILLED CAP: <u>0</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
<b>LOCATION OF WORK</b>		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Bay	STA 186+00-226+00		Gaillard Island	28,032	736,488						
		AVG LENGTH OF CUT <u>4,000</u> FT		AVG WIDTH OF CUT <u>0</u> FT		AVG DIST TO DUMP <u>12</u> NM							
<b>CHARACTER OF MATERIAL</b>		DENSITY OF MATERIALS				GMS/LITER <u>1.25</u>							
		DENSITY OF WATER				GMS/LITER@ <u>73 °F</u>							
<b>RIVER/TIDE STAGE</b>		MIN <u>0</u> TIME <u>00:07</u>	MAX <u>2</u> TIME <u>13:34</u>	GAGE LOCATION <u>Mobile River State Dock</u>									
		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>0</u> TIME <u>00:00</u>	GAGE DATUM <u>MLLW</u>									
<b>WEATHER CONDITION</b>		WEATHER		TEMP (min / max)	VISIBILITY	WIND							
		Weather Caused No Delay		73 °F / 86 °F	10	5							
<b>DRAFT</b>						<b>DISTRIBUTION OF TIME AND MILES RUN</b>							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
		<u>10</u>		<u>26</u>				<b>EFFECTIVE WORKING TIME:</b>					
AFT		<u>15</u>		<u>24</u>				PUMPING:	<u>00:00</u>	<u>07:14</u>	<u>0.0</u>		
								TURNING:	<u>00:00</u>	<u>01:07</u>	<u>0.0</u>		
DRAG DEPTH		MAX <u>50</u> MIN <u>28</u>						TO DUMP:	<u>00:00</u>	<u>04:14</u>	<u>0.0</u>		
								CONNECTING:	<u>00:00</u>	<u>00:57</u>	<u>0.0</u>		
INDICATORS LAST CHECKED ON <u>04/22/2017</u>								DUMPING:	<u>00:00</u>	<u>05:16</u>	<u>0.0</u>		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN <u>70</u>				DISCONNECTING:	<u>00:00</u>	<u>00:34</u>	<u>0.0</u>		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN <u>0</u>				TO CUT:	<u>00:00</u>	<u>04:38</u>	<u>0.0</u>		
GALLONS OF FUEL OIL CONSUMED				GAL <u>4,612</u>				TOTALS:	<u>00:00</u>	<u>24:00</u>	<u>0.0</u>		
GALLONS OF WATER CONSUMED				GAL <u>1,248</u>				<b>NON-EFFECTIVE WORKING TIME:</b>					
								TAKING ON FUEL AND SUPPLIES:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								TO AND FROM WHARF OR ANCHORAGE:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								LOSS DUE TO NATURAL ELEMENTS:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								LOSS DUE TO TRAFFIC AND BRIDGES:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								MINOR OPERATING REPAIRS:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								TRANSFERRING BETWEEN WORKS:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								LAY TIME:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								FIRE AND BOAT DRILLS:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								MISCELLANEOUS:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
								TOTALS:	<u>00:00</u>	<u>00:00</u>	<u>0.0</u>		
<b>WORK PERFORMED</b>						<b>LOST TIME:</b>							
DREDGING AND HAULING				AGITATING				MAJOR REPAIRS AND ALTERATIONS:					
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS				CESSATION:					
<u>4</u>	<u>28,032</u>	<u>Gaillard Island</u>		<u>0</u>				COLLISIONS:					
								TOTALS:					
								TOTAL TIME/MILES:					
								<u>00:00</u> <u>00:00</u> <u>24:00</u> <u>0.0</u>					

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 72 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 65
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 27 May 2017 - Saturday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #6, STA 186+00-226+00.

Daily Hauled CY: 28,032  
 Previous Cumulative CY: 708,456  
 Job Total CY: 736,488

The Margaret M obtained a conditional survey of STA 105+54-226+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

Dredge crew conducted a confined space drill, with man down rescue. A safety meeting was held following completion of the drill.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 73 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 66
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 28 May 2017 - Sunday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 186+00-226+00	Gaillard Island	27,760	764,248
	AVG LENGTH OF CUT <u>4,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>73</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	01:13	MAX	2	TIME	14:22	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	77 °F / 86 °F	10	4

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	10	26		<b>EFFECTIVE WORKING TIME:</b>			
AFT		15	24	PUMPING:	00:00	04:44	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				TURNING:	00:00	00:42	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	04:55	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	01:08	0.0
			70	DUMPING:	00:00	05:21	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:29	0.0
			0	TO CUT:	00:00	03:23	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	20:42	0.0
			4,331	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,248	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
4	27,760	Gaillard Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS
Crew/Survey Vessel	Margaret M	0	12:00
Hopper Dredge	Glenn Edwards	0	24:00
Crew/Survey Vessel	Aggie	0	12:00

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

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 66
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 28 May 2017 - Sunday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #6, STA 186+00-226+00.

198 minute delay incurred for clearing the booster pump of wood debris.

Daily Hauled CY: 27,760  
 Previous Cumulative CY: 736,488  
 Job Total CY: 764,248

The Margaret M obtained a conditional survey of STA 186+00-226+00.

**SAFETY**

Dredge and fill crews are witting JSAs and conducting all work according to safety procedures.

Fill crew held weekly safety and ethics meeting on Gaillard Island.



**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 67
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 29 May 2017 - Monday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #6, STA 186+00-226+00.

20 minute delay incurred for rough weather.

Daily Hauled CY: 19,681  
 Previous Cumulative CY: 764,248  
 Job Total CY: 783,929

The Margaret M obtained a conditional survey of STA 186+00-226+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 77 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 68
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 30 May 2017 - Tuesday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 186+00-226+00	Gaillard Island	14,597	798,526
	AVG LENGTH OF CUT <u>4,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>78</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	03:02	MAX	1	TIME	16:00	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	71 °F / 82 °F	9	4

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	10	26		<b>EFFECTIVE WORKING TIME:</b>			
AFT		15	24	PUMPING:	00:00	02:33	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				TURNING:	00:00	00:30	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	02:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:37	0.0
			70	DUMPING:	00:00	02:53	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:16	0.0
			0	TO CUT:	00:00	02:13	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	11:17	0.0
			3,184	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	10:53	0.0
			936	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	14,597	Gaillard Island	0

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS
Crew/Survey Vessel	Margaret M	0	12:00
Hopper Dredge	Glenn Edwards	0	24:00
Crew/Survey Vessel	Aggie	0	12:00

**RMS FORM 27A**

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 68
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 30 May 2017 - Tuesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #6, STA 186+00-226+00.

110 minute delay for rough weather.  
653 minute delay for fueling.

Daily Hauled CY: 14,597  
Previous Cumulative CY: 783,929  
Job Total CY: 798,526

The Margaret M obtained a conditional survey of STA 186+00-226+00.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 79 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 69
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 31 May 2017 - Wednesday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 186+00-226+00	Gaillard Island	17,503	816,029
	AVG LENGTH OF CUT <u>4,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>77</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	03:38	MAX	1	TIME	16:41	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 82 °F	10	6

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	12	27		<b>EFFECTIVE WORKING TIME:</b>			
AFT		16	26	PUMPING:	00:00	04:54	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				TURNING:	00:00	01:25	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	04:15	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	01:00	0.0
			70	DUMPING:	00:00	05:45	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:31	0.0
			0	TO CUT:	00:00	03:15	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:05	0.0
			3,687	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,092	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	17,503	Gaillard Island	0	MINOR OPERATING REPAIRS:	00:00	02:55	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Vessel	Margaret M	0	12:00	TOTALS:	00:00	02:55	0.0
Hopper Dredge	Glenn Edwards	0	24:00	<b>LOST TIME:</b>			
Crew/Survey Vessel	Aggie	0	12:00	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 69
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 31 May 2017 - Wednesday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #6, STA 186+00-226+00.

175 minute delay for repairing hopper jetting supply line.

Daily Hauled CY: 17,503  
 Previous Cumulative CY: 798,526  
 Job Total CY: 816,029

The Margaret M obtained a conditional survey of STA 186+00-226+00.

**SAFETY**

Dredge and fill crews are witting JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 81 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 70
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 01 Jun 2017 - Thursday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 186+00-226+00 & STA 110+00-146+00	Gaillard Island	13,398	829,427
	AVG LENGTH OF CUT <u>4,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>12</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>77</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	07:06	MAX	1	TIME	00:06	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	72 °F / 82 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	12	27		<b>EFFECTIVE WORKING TIME:</b>			
AFT		16	26	PUMPING:	00:00	06:44	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>				TURNING:	00:00	01:22	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	03:49	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:43	0.0
			70	DUMPING:	00:00	04:33	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:18	0.0
			0	TO CUT:	00:00	03:56	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	21:25	0.0
			3,986	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,092	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING				LOSS DUE TO NATURAL ELEMENTS:			0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			0.0
3	13,398	Gaillard Island	0	MINOR OPERATING REPAIRS:			0.0
				TRANSFERRING BETWEEN WORKS:			0.0
				LAY TIME:			0.0
				FIRE AND BOAT DRILLS:			0.0

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:			0.0
Crew/Survey Vessel	Margaret M	0	12:00	MAJOR REPAIRS AND ALTERATIONS:			0.0
Hopper Dredge	Glenn Edwards	0	24:00	CESSATION:			0.0
Crew/Survey Vessel	Aggie	0	12:00	COLLISIONS:			0.0
				TOTALS:			0.0
				TOTAL TIME/MILES:			0.0
				00:00	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 70
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards	<b>DATE</b> 01 Jun 2017 - Thursday	

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #6, STA 186+00-226+00 until mid morning until it swtiched to assignment #7, STA 110+00-146+00.

Two occasions of removing debris (wood and metal) from the booster pump totalling 155 minutes.

Daily Hauled CY: 13,398  
 Previous Cumulative CY: 816,029  
 Job Total CY: 829,427

The Margaret M obtained a conditional survey of STA 186+00-226+00.

**SAFETY**

Dredge and fill crews are writting JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 83 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 71
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 02 Jun 2017 - Friday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	STA 146+00-226+00	Gaillard Island	14,443	843,870
	AVG LENGTH OF CUT <u>8,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>10</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>78</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	08:30	MAX	1	TIME	20:24	GAGE LOCATION Mobile River State Dock
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	75 °F / 84 °F	10	15

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	12	27	<b>EFFECTIVE WORKING TIME:</b>			
AFT		25	PUMPING:	00:00	07:35	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>28</u>			TURNING:	00:00	01:49	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>			TO DUMP:	00:00	03:36	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:43	0.0
		70	DUMPING:	00:00	04:47	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:31	0.0
		0	TO CUT:	00:00	04:59	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	24:00	0.0
		4,358	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
		2,340	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN					
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
3	14,443	Gaillard Island	0	MINOR OPERATING REPAIRS:			00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:			00:00	00:00	0.0
				LAY TIME:			00:00	00:00	0.0
				FIRE AND BOAT DRILLS:			00:00	00:00	0.0
				MISCELLANEOUS:			00:00	00:00	0.0
				TOTALS:			00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN					
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:			00:00	00:00	0.0
Crew/Survey Vessel	Margaret M	0	12:00	CESSATION:			00:00	00:00	0.0
Hopper Dredge	Glenn Edwards	0	24:00	COLLISIONS:			00:00	00:00	0.0
Crew/Survey Vessel	Aggie	0	12:00	TOTALS:			00:00	00:00	0.0
				TOTAL TIME/MILES:			00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 71
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards		<b>DATE</b> 02 Jun 2017 - Friday

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #8, STA 146+00-226+00. A succesfful paint test was performed.

There were no delays.

Daily Hauled CY: 14,443  
 Previous Cumulative CY: 829,427  
 Job Total CY: 843,870

The Margaret M obtained a conditional survey of STA 110+00-226+16.

**SAFETY**

Dredge and fill crews are writting JSAs and conducting all work according to safety procedures.

**QUALITY CONTROL REPORT-HOPPER DREDGE**

PAGE NO. Page 85 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 72
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<b>CHARACTER OF REPORT</b>	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	<b>DATE</b> 03 Jun 2017 - Saturday
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<b>DREDGE</b> (Glenn Edwards)	HOPPER CAP: <u>13,000</u> CY	AVG VOL OF BIN WATER: <u>0</u> CY	AVG UNFILLED CAP: <u>0</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	20	2			2	7

<b>LOCATION OF WORK</b>	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Mobile Bay	146+00-226+00	Gaillard Island	11,308	855,178
	AVG LENGTH OF CUT <u>8,000</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>10</u> NM		

<b>CHARACTER OF MATERIAL</b>	DENSITY OF MATERIALS		GMS/LITER <u>1.25</u>
	DENSITY OF WATER	<u>1</u>	GMS/LITER@ <u>78</u> °F

<b>RIVER/TIDE STAGE</b>	MIN	0	TIME	03:04	MAX	1	TIME	11:59	GAGE LOCATION Alabama State Docks
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM NA

<b>WEATHER CONDITION</b>	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	73 °F / 82 °F	10	15

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		12	26	<b>EFFECTIVE WORKING TIME:</b>			
AFT		16	25	PUMPING:	00:00	01:48	0.0
DRAG DEPTH    MAX <u>50</u> MIN <u>2</u>				TURNING:	00:00	00:06	0.0
INDICATORS LAST CHECKED ON <u>04/22/2017</u>				TO DUMP:	00:00	02:35	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:28	0.0
			70	DUMPING:	00:00	02:56	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:17	0.0
			0	TO CUT:	00:00	01:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	09:10	0.0
			2,000	<b>NON-EFFECTIVE WORKING TIME:</b>			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			800	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN (CONT.)			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
2	11,308	Gaillard Island	0	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN (CONT.)			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	14:50	0.0
Crew/Survey Vessel	Margaret M	0	12:00	TOTALS:	00:00	14:50	0.0
Hopper Dredge	Glenn Edwards	0	24:00	<b>LOST TIME:</b>			
Crew/Survey Vessel	Aggie	0	12:00	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

**QUALITY CONTROL REPORT-HOPPER DREDGE**

**PAGE NO.** Page 86 of 86

<b>CONTRACT NO.</b> W91278-17-D-0002 0001	<b>CONTRACT TITLE</b> Maint. Dredging of Mobile Harbor	<b>CONTRACTOR</b> Manson Construction Co.	<b>REPORT NO.</b> 72
<b>DREDGE QC NARRATIVE(S)</b>	<b>NAME AND TYPE</b> Glenn Edwards	<b>DATE</b> 03 Jun 2017 - Saturday	

**GENERAL COMMENTS**

The Dredge Glenn Edwards worked in Assignment #8, STA 146+00-226+00 until completing pump off of load 135 at 0910 hours (completion of rental hours). The dredge commenced and finished demobilization efforts afterwards.

There were no delays.

Daily Hauled CY: 11,308  
 Previous Cumulative CY: 843,870  
 Job Total CY: 855,178

The Margaret M obtained After Dredge surveys.

**SAFETY**

Dredge and fill crews are writing JSAs and conducting all work according to safety procedures.

**CONTRACTOR CERTIFICATION**      **On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.**

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