QUALITY CONTRO								ROL REPORT-HOPPER DREDGE						PAGE NO. Page 1 of 86				
CONTRACT NO.	200 0004	1	TRACT TITLE					CONTRACT					REPORT NO.					
W91278-17-D-00	002 0001		t. Dredging		ile Hark	or		Manson Co	on	nstruction Co.			DATE		30			
CHARACTER OF REPORT		X M	IAINTENANC	E [	] NEW \	WORK								:017 - S	aturday			
DREDG	E		HOPPER CA	۹Þ:	13,00	<u>0</u> CY	AVG '	VOL OF BIN WA	ΑTE	ER:0	_CY AV	G UN	IFILLED C	Page 1  EPORT NO.  ATE 2 Apr 2017 - Saturday  LLED CAP: 0  R DAY DAYS PER W 2  TED CUMULATIVE AND DEPOSIT FOR DA(() ,828 1  TO DUMP 0  1.3  80 °F  TION Mobile River State M MLLW	0_CY			
(Glenn Edw	ards)	N	O. OF CREW MEMBERS		DRI	EDGE	07	THER PLANT		WORK SCHEDU	JLE SHIF	-TSI	PER DAY	DA'	YS PER WEEK			
						19	)	3	3			2			7			
LOCATIO	ON	LOCA	ATION CHANI	NEL	REAC	CH DREDG	ED; STA	TO STA	D	DISPOSAL AREA U	JSE QTY E							
OF WORK	(	Mobi	le Bay		STA	9+30 - 32	+76		G	Saillard Island	GROC	•	14,828	,E1 0011	14,828			
		AVC	3 LENGTH	OF CL	JT	0FT	AVG '	WIDTH OF CU	JT <sub>-</sub>	0_FT	- AVO	G DI	ST TO DI	JMP	0_NM			
CHARACTE	R OF	DENS	SITY OF MAT	ERIALS	3						GMS/L	ITE	₹		1.3			
MATERIA		DENS	SITY OF WAT	ER		_				1_	GMS/L	ITE	₹@	80	<u>) °F</u>			
RIVER/TI		MIN		0 т	IME	07:15	5 MAX		1	TIME 2	2:47 GAGE	LOC	ATION N	1obile R	iver State Dock			
STAG	E	MIN		0 т	IME	00:00	O MAX	(	0	TIME 0	0:00 GAGE	DAT	UM N	1LLW				
WEATHER CO	NDITION	WEAT	THER					(min / max)		VISIBILITY	WIND							
		Weat	ther Caused	No D	elay		6	8 °F / 82 °F		10	5							
			DRAFT DISTRIBUTION OF TIME AND MILES RUN															
FORWARD	LIGHT			LOAD	ED						AGITATINO (MIN)	3			MILES RUN (NAUT MI)			
			1	1			28	EFFECTIVE WOI	RK	KING TIME:	, ,		, · · ·	·				
AFT			4	_			00	PUMPING:			00	0:00		02:04				
			1	<u> </u>			26	TURNING:				00:0			0.0			
DRAG DEPTH MA	AX	50	MIN		38			TO DUMP:				0:00			0.0			
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				0:00			0.0			
AVERAGE SPEED OF	DREDGE DUR	ING LO	ADING			FT/MIN		DISCONNECTIN	IG:	:		0:00			0.0			
AVERAGE SPEED OF	DEDGE DUE	ING AG	ITATING			FT/MIN	50	TO CUT:			00	0:00		03:06	0.0			
AVERAGE SPEED OF	DREDGE DON	.IIVG AG	ITATING			1 1/IVIIIN	0	TOTALS:			00	0:00		13:40	0.0			
GALLONS OF FUEL C	DIL CONSUMED	)				GAL	4,032	NON-EFFECTIVE	ΕV	WORKING TIME:								
GALLONS OF WATER	R CONSUMED					GAL		TAKING ON FUE	EL /	AND SUPPLIES:	00	00:0		00:00	0.0			
							1,404	TO AND FROM V ANCHORAGE:	WH	HARF OR	00	00:0		00:00	0.0			
		WORK	K PERFORMI	ĒD	<del></del>			LOSS DUE TO N	IAT	TURAL ELEMENTS:	00	0:00		00:00	0.0			
NO. OF LOADS	TOTAL CY		ING DISPOSAL	ARFA	<del></del>	AGITATING TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND	OC	0:00		00:00	0.0			
110.01 20/130					$-\!\!\!+$			MINOR OPERAT	ΓIN	IG REPAIRS:	00	0:00		00:47	0.0			
2	14	4,828	Galliard Islar	nd	$-\!\!\!+$		0	TRANSFERRING	3 B	BETWEEN WORKS:	00	0:00		09:00	0.0			
					-			LAY TIME:			00	0:00		00:00	0.0			
								FIRE AND BOAT	DI	RILLS:	00	0:00		00:00	0.0			
ITEM		AIIE	NAME OF				HOURS	MISCELLANEOU	JS:	:	00	0:00		00:33	0.0			
ITEM		M	NAME OR	NUMBE	:K	H.P. 0		TOTALS:			00	0:00		10:20	0.0			
Crew/Survey Vesse		Margar				0	12:00 12:00	LOST TIME:										
0.00009 10000		<u>орооц</u>	<u>,</u>				.2.00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00	0:00		00:00	0.0			
								CESSATION:			00	0:00		00:00	0.0			
						igsquare		COLLISIONS:			00	0:00		00:00	0.0			
						<u> </u>		TOTALS:				0:00		00:00	0.0			
								TOTAL TIME/MIL	LES	S:	00	00:0		24:00	0.0			

	91278-17-D-0002 0001 Maint. Dredging of Mobile Harbor Manson Construction Co.  NAME AND TYPE							
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.					
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	30					
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 22 Apr 2017 - Saturday					

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**

Tha	dradaa craw	conducted a	fire and rescu	a hoat drill in tha	presence of USACE QA	Thomas Blakely

				C	QUALI	TY CONT	ROL RE	PORT-HOPPE	ER	DREDGE		P	PAGE NO.	Page 3 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	oor		CONTRACT Manson Co		PR Instruction Co.		R	REPORT NO.	31		
CHARACTER OF REPORT		X M	IAINTENAN	CE 🗆	NEW \	WORK							OATE 23 Apr 2017 -	Sundav		
	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVG		•	0_CY		
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DR	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE SHIFT	S PE	R DAY D	AYS PER WEEK		
			MEMBERS			19	9	3	3				2	7		
LOCATIO	ON	LOCA	TION CHAN	INEL	REAG	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U				ATIVE AND QTY IT FOR DA(CY)		
OF WORK		Mobi	le Bay		STA	9+30 - 32	2+76		G	Saillard Island	GROSS	. ,	2,475	37,303		
		AV	G LENGTH	OF CU	Γ		AVG	WIDTH OF CU	JT <sub>-</sub>	0_FT	AVG	DIST	TO DUMP_	0_NM		
CHARACTE		DENS	SITY OF MA	ΓERIALS							GMS/LIT	ER_		1.3		
MATERI	AL	DENS	SITY OF WA	TER					_	1	GMS/LIT	ER@	0	<u>80 °F</u>		
RIVER/TI		MIN		0 TII	ИΕ	07:2	5 MAX	1	1	TIME 1	4:18 GAGE L	OCA	TION Mobile	River State Dock		
STAG	E	MIN		0 TII	ИE	18:50	0 MAX	(	0	TIME 0	0:00 GAGE D	ATU	M MLLW			
WEATHER CO	NDITION		THER	IN. D.				(min / max)		VISIBILITY	WIND					
		Weather Caused No Delay 59 °F / 73 °F 10 11  DRAFT DISTRIBUTION OF TIME AND MILES										MILES RUN				
													MILES RUN			
FORWARD	LIGHT				D						(MIN)					
AFT				0			28	EFFECTIVE WOR	RK	(ING TIME:						
AFI			,	5			26	PUMPING:			00:0	_	02:37			
DRAG DEPTH M.	4X	50	MIN		37			TURNING: TO DUMP:			00:0	_	00:2 <sup>2</sup> 07:09			
		0.4/00	/0047					CONNECTING:			00:0	00	01:3	0.0		
INDICATORS LAST C						T		DUMPING:			00:0	00	05:29	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	50	DISCONNECTING	G:		00:0	_	00:36			
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:			00:0	_	06:14			
GALLONS OF FUEL O	NI CONCUME					GAL	0	TOTALS:			00:0	00	24:00	0.0		
GALLONS OF FUEL C	JIL CONSUMED	J				GAL	4,447	NON-EFFECTIVE	E V	VORKING TIME:		_				
GALLONS OF WATER	CONSUMED					GAL	1,248	TAKING ON FUE			00:0	00	00:00	0.0		
							1,240	TO AND FROM V ANCHORAGE:	NΗ	IARF OR	00:0	00	00:00	0.0		
		WOR	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00:0	00	00:00	0.0		
NO. OF LOADS	DGING AND		ING DISPOSA	ARFA	-	AGITATINO TOTAL		LOSS DUE TO TO BRIDGES	RA	AFFIC AND	00:0	00	00:00	0.0		
110. 01 20/150	10171201		2101 007					MINOR OPERAT	IN	G REPAIRS:	00:0	00	00:00	0.0		
4	2	2,475	Galliard Isla	ınd			0	TRANSFERRING	3 B	ETWEEN WORKS:	00:0	00	00:00	0.0		
								LAY TIME:			00:0	00	00:00	0.0		
		4.775	ND ANT DI					FIRE AND BOAT	DI	RILLS:	00:0	00	00:00	0.0		
ITEM		AIIE	NAME OR			H.P.	HOURS	MISCELLANEOU	JS:	:	00:0	00	00:00	0.0		
	N.	Morgo		NONBE	`	0		TOTALS:			00:0	00	00:00	0.0		
Crew/Survey Vesse		Marga Speed				0	12:00 12:00	LOST TIME:								
,								MAJOR REPAIRS ALTERATIONS:	S A	AND	00:0	00	00:00	0.0		
								CESSATION:			00:0	00	00:00	0.0		
								COLLISIONS:			00:0	00	00:00	0.0		
								TOTALS:			00:0	00	00:00	0.0		
								TOTAL TIME/MIL	LES	S:	00:0	00	24:00	0.0		

	PAGE NO. Page 4 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	31
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 23 Apr 2017 - Sunday
GENERAL COMME	NTS		

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 writting JSAs and conducting all work according to safety procedures.

					QUA	ALITY CONTI	ROL RE	PORT-HOPPE	R	DREDGE			PAGE NO	).	Page 5 of 86			
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		bile F	Harbor		CONTRACT Manson Co		PR Instruction Co.			REPORT	NO.	32			
CHARACTER OF REPORT		X M	IAINTENAN	CE [	] NE	W WORK							DATE 24 Apr 2	:017 - N	londay			
DREDG	_		HOPPER C	AP:	13	3,000_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVO	3 UN	IFILLED C	Page 5 CEPORT NO.  ATE Apr 2017 - Monday  LED CAP: 0 CEPOSIT FOR DA(CEPOSIT FOR D				
(Glenn Edw		N	O. OF CREV	V		DREDGE	0	THER PLANT		WORK SCHEDU	JLE SHIF	TS	PER DAY	DA	YS PER WEEK			
						19	9	3	3			2 7			7			
LOCATIO	ON	LOCA	ATION CHAN	INEL	R	EACH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY D							
OF WORK	ζ	Mobi	le Bay		S	TA 9+30 - 32	+76		G	Salliard Island	- Citae	•	28,520	21 0011	65,823			
		AV	3 LENGTH	OF C	UT	<u>2,000</u> FT	AVG	WIDTH OF CU	JT_	0_F1	AVO	3 DI	ST TO DI	JMP	12NM			
CHARACTE		DENS	SITY OF MA	ΓERIAL	.S						GMS/L	ITE	₹		1.25			
MATERIA	AL	DENS	SITY OF WA	TER					_	1_	GMS/L	ITE	₹@	73	<u>3 °F</u>			
RIVER/TI		MIN		1 -	TIME	01:0	5 MAX	(	0	TIME 0	7:19 GAGE	LOC	CATION N	lobile R	tiver State Dock			
STAG	=	MIN		1	ТІМЕ	13:4	_		0		0:18 GAGE	DAT	TUM N	1LLW				
WEATHER CO	NDITION		THER	d No F	<b>J</b> olay			9 (min / max) 5 °F / 77 °F		VISIBILITY	WIND 11							
		vvea	Weather Caused No Delay         55 °F / 77 °F         10         11           DRAFT         DISTRIBUTION OF TIME AND MI										O MILES R	UN				
FORWARD	LIGHT		LOADED AGITATING DRE									DREDGE	& HAUL	MILES RUN				
TORWARD	LIGITI			0	DLD		26				(MIN)	(NAUT MI)						
AFT			<u>'</u>				20	ETTEOTIVE WO	RK	(ING TIME:	00	0:00		0.0				
			1	5			15	PUMPING: TURNING:				):00			0.0			
DRAG DEPTH M.	AX	50	MIN		37			TO DUMP:				00:00			0.0			
		04/22	/2017					CONNECTING:			00	00:		01:11	0.0			
INDICATORS LAST C						FT/MIN		DUMPING:			00	00:0		06:14	0.0			
AVERAGE SPEED OF	DREDGE DUP	CING LO	ADING			FI/MIN	50		G:			00:0			0.0			
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				0:00			0.0			
GALLONS OF FUEL O	DII CONSUMER	)				GAL	C	TOTALS:			00	00:		24:00	0.0			
						0,12	4,263	-	_									
GALLONS OF WATER	CONSUMED					GAL	1,092	TAKING ON FUE				0:00			0.0			
		WORL	C PERFORM	ED			,	ANCHORAGE:	/V I	TARF OR	00	0:00		00:00	0.0			
								LOSS DUE TO N	IAT	TURAL ELEMENTS:	00	00:0		00:00	0.0			
NO. OF LOADS	TOTAL CY		ING DISPOSA	_ AREA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AGITATING		LOSS DUE TO TI BRIDGES	RA	AFFIC AND	00	00:0		00:00	0.0			
								MINOR OPERAT	IN	G REPAIRS:	00	00:0		00:00	0.0			
5	28	8,520	Galliard Isla	ınd			C	TRANSFERRING	В	BETWEEN WORKS:	00	00:0		00:00	0.0			
								LAY TIME:			00	00:0		00:00	0.0			
		ATTE	ND ANT DI A	NT				FIRE AND BOAT	DI	RILLS:	00	00:0		00:00	0.0			
ITEM		AIIE	NDANT PLA NAME OR		ED.	H.P.	HOURS	MISCELLANEOU	JS:	:	00	00:00 00:00						
Crew/Survey Vesse	N.	Morgo		INOIVIL		0	12:00	TOTALS:			00	00:0		00:00	0.0			
Crew/Survey Vesse		Marga Speed				0	12:00	LOST TIME:										
								MAJOR REPAIRS ALTERATIONS:	S A	AND	00	00:0		00:00	0.0			
								CESSATION:			00	00:0		00:00	0.0			
								COLLISIONS:			00	00:0		00:00	0.0			
								TOTALS:			00	00:0		00:00	0.0			
								TOTAL TIME/MIL	ES	S:	00	00:		24:00				

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 6 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	32
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 24 Apr 2017 - Monday

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 writting JSAs and conducting all work according to safety procedures.

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

					QUAL	ITY CONT	ROL RE	PORT-HOPPE	ER	DREDGE			PAGE N	Э.	Page 7 of 86			
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		oile Ha	rbor		CONTRACT Manson Co		R estruction Co.			REPORT	NO.	33			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	NEW	/ WORK							DATE 25 Apr 2	 2017 - T	uesdav			
	_		HOPPER (	CAP:	13,0	00_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AV	/G UN			0_CY			
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	W	DI	REDGE	0	THER PLANT		WORK SCHEDU	JLE SH	IFTS I	PER DAY	DA	YS PER WEEK			
			IVIEIVIBERS			19	9	3	3			2			7			
LOCATIO	ON	LOCA	ATION CHAI	NNEL	REA	ACH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		DEPC SS(C)			TIVE AND QTY FOR DA(CY)			
OF WORK		Mobi	le Bay		ST	A 9+30 - 32	+76		G	Salliard Island	GKO	•	17,412	JEF OSIT	83,235			
		AV	3 LENGTH	OF CL	JT:	2,000FT	AVG	WIDTH OF CU	JT <sub>.</sub>	0_FT	- AV	G DI	ST TO D	UMP	12NM			
CHARACTE	R OF	DENS	SITY OF MA	TERIALS	3						GMS/	/LITEF	₹		1.25			
MATERIA		DENS	SITY OF WA	TER					_	1	GMS/	/LITEF	₹@	73	<u>8 °F</u>			
RIVER/TI		MIN		0 т	IME	07:0	5 MAX	,	1	TIME 0	3:17 GAGI	E LOC	CATION I	√lobile R	tiver State Dock			
STAG	E	MIN		0 т	IME	21:18	B MAX	,	1	TIME 1	3:10 GAG	E DAT	UM N	MLLW				
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY	WIND	)						
		Wea	ther Cause	ed No D	elay		5	4 °F / 81 °F		10	4							
			DRAFT DISTRIBUTION OF TIME AND MILES RUN															
FORWARD	LIGHT			LOAI	ED						AGITATIN (MIN)	AGITATING DREDGE & HAUL MILES (MIN) (MIN) (NAU						
				10			27	EFFECTIVE WO	RK	(ING TIME:		(viii v) , ,						
AFT				13			25	PUMPING:			0	0:00		03:10				
				13	20		20	TURNING:				0:00		00:30	0.0			
DRAG DEPTH M.	AX	50	MIN		39			TO DUMP: CONNECTING:				0:00		06:12 01:07	0.0			
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				0:00		04:57	0.0			
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	50	DISCONNECTIN	IG:			0:00		00:36	0.0			
			1TATING				50	TO CUT:			0	0:00		07:28	0.0			
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:			0	0:00		24:00	0.0			
GALLONS OF FUEL O	OIL CONSUMED	)				GAL	4,334	NON-EFFECTIVE	ΕV	WORKING TIME:								
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL /	AND SUPPLIES:	0	0:00		00:00	0.0			
							1,560	TO AND FROM V ANCHORAGE:	NΗ	HARF OR	0	0:00		00:00	0.0			
		WORI	( PERFORM	/IED				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:	0	0:00		00:00	0.0			
	EDGING AND			LADEA		AGITATING		LOSS DUE TO T BRIDGES	RA	AFFIC AND	0	0:00		00:00	0.0			
NO. OF LOADS	TOTAL CY	S	DISPOSA	L AREA		TOTAL		MINOR OPERAT	IN	G REPAIRS:	0	0:00		00:00	0.0			
4	1	7,412	Galliard Isl	and			0	TRANSFERRING	3 B	ETWEEN WORKS:	0	0:00		00:00	0.0			
								LAY TIME:			0	0:00		00:00	0.0			
								FIRE AND BOAT	DI	RILLS:	0	0:00		00:00	0.0			
ITEA.		ATTE	NDANT PLA		-D	11.0	HOUDO	MISCELLANEOU	JS:	:	0	0:00		00:00	0.0			
ITEM			NAME OF	K NUMBI	:K	H.P.	HOURS	TOTALS:			0	0:00		00:00	0.0			
Crew/Survey Vesse		Marga Speed				0	12:00 12:00	LOST TIME:										
5.5m/5a.voy v6556		Specia	<i>y</i> .vi				12.00	MAJOR REPAIR: ALTERATIONS:	S A	AND	0	0:00		00:00	0.0			
								CESSATION:			0	0:00		00:00	0.0			
								COLLISIONS:			0	0:00		00:00	0.0			
								TOTALS:			0	0:00		00:00	0.0			
								TOTAL TIME/MIL	LES	S:	0	0:00	24:00					

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

The Glenn Edwards continued digging in the Mobile Harbor from stations 9+00 to 29+00. Fiour 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 writting JSAs and conducting all work according to safety procedures.

					QUALI	ITY CONT	ROL RE	PORT-HOPPE	ΞR	DREDGE			PAGE N	Э.	Page 9 of 86			
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		ile Har	bor		CONTRACT		PR Instruction Co.			REPORT	NO.	34			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	NEW	WORK							DATE 26 Apr 2	 2017 - V	/ednesday			
	_		HOPPER C	:AP:	13,00	00_CY	AVG	VOL OF BIN WA	۱T	ER:(	)_CY	AVG UN			O_CY			
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DR	REDGE	0	THER PLANT		WORK SCHEDU	JLE	SHIFTS F	PER DAY	DA	YS PER WEEK			
			WEWBERG			19	9	3	3			2			7			
LOCATIO	ON	LOCA	ATION CHAI	INEL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA (		TY DEPC			TIVE AND QTY FOR DA(CY)			
OF WORK	ζ	Mobi	le Bay		STA	\ 9+30 - 32	2+76		G	Salliard Island		,	14,989	)L1 0011	98,224			
		AV	G LENGTH	OF CU	T2	<u>2,000</u> FT	AVG	WIDTH OF CU	JT <sub>.</sub>	0_F7	Г	AVG DIS	ST TO D	UMP	12NM			
CHARACTE		DENS	SITY OF MA	TERIALS							GI	MS/LITER	₹	1	1.25			
MATERIA	AL	DENS	SITY OF WA	TER					_	1_	GI	MS/LITER	R@	73	<u>3 °F</u>			
RIVER/TI		MIN		0 ті	ME	22:1	7 MAX		1	TIME 1	3:01 G	AGE LOC	ATION	<u>√lobile R</u>	tiver State Dock			
STAG	E	MIN		0 ті	ME	00:00	0 MAX	(	0		_	AGE DAT	UM N	MLLW				
WEATHER CO	NDITION		THER	-l N - D	la			9 (min / max) 8 °F / 78 °F		VISIBILITY		/IND						
		wea	Weather Caused No Delay         68 °F / 78 °F         10         10           DRAFT         DISTRIBUTION OF TIME AND MILES R										RUN					
FORWARD	LIGHT		LOADED AGITATING DREDGE &										& HAIII	MILES RUN				
FORWARD	LIGHT			10	ED		26	<del> </del>				(MIN) (MIN) (N						
AFT							20	EITEONVE WO	RK	(ING TIME:		00.00	200					
				13			25					00:00		01:53 00:18				
DRAG DEPTH M.	AX	50	MIN		42			TURNING: TO DUMP:				00:00		07:18	0.0			
		0.4/00	/0047					CONNECTING:				00:00		01:20	0.0			
INDICATORS LAST C						T		DUMPING:				00:00		05:02	0.0			
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	50	DISCONNECTIN	IG:			00:00		00:33	0.0			
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				00:00		05:50	0.0			
GALLONS OF FUEL O	NI CONSUME					GAL	0	TOTALS:				00:00		22:14	0.0			
GALLONS OF FUEL C	JIL CONSOME	,				GAL	3,953	NON-EFFECTIVI	ΕV	WORKING TIME:								
GALLONS OF WATER	CONSUMED					GAL	1,248	TAKING ON FUE				00:00		00:00	0.0			
		WODI	/ DEDEODA				1,240	TO AND FROM V ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0			
			( PERFORM	IED				LOSS DUE TO N	TAI	TURAL ELEMENTS:		00:00		00:00	0.0			
NO. OF LOADS	DGING AND		ING DISPOSA	L AREA		AGITATING TOTAL		LOSS DUE TO T BRIDGES	TR/	AFFIC AND		00:00		00:00	0.0			
								MINOR OPERAT	ΓIN	IG REPAIRS:		00:00		01:46	0.0			
4	1-	4,989	Galliard Isla	and			0	TRANSFERRING	Э В	BETWEEN WORKS:		00:00		00:00	0.0			
								LAY TIME:				00:00		00:00	0.0			
		ATTE	NDANT PLA	NIT				FIRE AND BOAT	ΓD	RILLS:		00:00		00:00	0.0			
ITEM		AIIL	NAME OF		 R	H.P.	HOURS	MISCELLANEOU	JS:	:		00:00 00:00						
Crew/Survey Vesse	اد	Marga				0	12:00	TOTALS:				00:00		01:46	0.0			
Crew/Survey Vesse		Speed				0	12:00	LOST TIME:			ı							
								MAJOR REPAIR: ALTERATIONS:	S A	AND		00:00		00:00	0.0			
								CESSATION:				00:00		00:00	0.0			
								COLLISIONS:				00:00		00:00	0.0			
								TOTALS:				00:00		00:00	0.0			
								TOTAL TIME/MIL	LES	S:		00:00		24:00	0.0			

	91278-17-D-0002 0001 Maint. Dredging of Mobile Harbor Manson Construction Co.								
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.						
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	34						
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 26 Apr 2017 - Wednesday						

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 writting 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 CONTRO								ROL REPORT-HOPPER DREDGE						Page 11 of 86				
CONTRACT NO.		1	TRACT TITLE					CONTRACT					REPORT NO.					
W91278-17-D-00	002 0001	Main	t. Dredging	of Mo	bile H	larbor		Manson Co	on	nstruction Co.			D.1.T.F.		35			
CHARACTER OF REPORT		X M	MAINTENANC	E [	☐ NE	W WORK								<u> 2017 - T</u>	hursday			
DREDG	E		HOPPER C	AP:	13,	<u>,000</u> _CY	AVG	VOL OF BIN WA	ATE	ER:C	CY A	VG UN	FILLED C	Page 11  REPORT NO.  DATE 27 Apr 2017 - Thursday  ILLED CAP:	0_CY			
(Glenn Edw	ards)	N/	O. OF CREW MEMBERS	/	Γ	DREDGE	0.	THER PLANT		WORK SCHEDU	JLE SHIFTS PER D			DA	YS PER WEEK			
						19	9	3	3			2			7			
LOCATIO	ON	LOCA	ATION CHAN	NEL	RE	EACH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		DEPC						
OF WORK		Mobi	le Bay		S	TA 5+00 - 32	+76		G	Salliard Island	GRC	,	19,098	)EPOSIT	117,322			
		AV(	3 LENGTH	OF C	UT	2,000 FT	AVG	WIDTH OF CU	JT <sub>.</sub>	0_F1	- A\	VG DIS	ST TO D	UMP	<u>12</u> NM			
CHARACTE	P OF	DENS	SITY OF MAT	ERIAL	s						GMS	S/LITEF	R	1	1.25			
MATERIA		DENS	SITY OF WAT	ΓER						1_	GMS	S/LITEF	₹@	73	<u>3 °F</u>			
RIVER/TI	DE	MIN		0	TIME	23:27	7 MAX	,	1	TIME 1	3:20 GAG	E LOC	ATION N	/lobile R	iver State Dock			
STAG	E	MIN		0	TIME	00:00	) MAX	(	0	TIME 0	0:00 GAG	SE DAT	UM N	/ILLW				
WEATHER CO	NDITION	WEAT	THER				TEMF	(min / max)		VISIBILITY	WINI	D						
		Weat	ther Caused	l on t	elay		6	8 °F / 82 °F		9	10							
			DRAFT DISTRIBUTION OF TIME AND MILES RUN															
FORWARD	LIGHT			LOA	DED						AGITATII (MIN)				MILES RUN (NAUT MI)			
			1	1			26	EFFECTIVE WOI	RK	KING TIME:	()		(MIN) (NAUI					
AFT							0.5	PUMPING:			(	00:00		03:17				
			1	4			25	TURNING:			(	00:00		00:36	0.0			
DRAG DEPTH MA	AX	50	MIN		27			TO DUMP:				00:00			0.0			
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING:				00:00			0.0			
AVERAGE SPEED OF	DREDGE DUR	ING LO	ADING			FT/MIN		DUMPING: DISCONNECTING	ıc.			00:00			0.0			
							70	TO CUT:	10.	·		00:00			0.0			
AVERAGE SPEED OF	DREDGE DUF	ING AG	ITATING			FT/MIN	0	TOTALS:			(	00:00		24:00	0.0			
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	3,883	NON-EFFECTIVE	ΕV	WORKING TIME:								
GALLONS OF WATER	R CONSUMED					GAL	0,000	TAKING ON FUE	EL /	AND SUPPLIES:	(	00:00		00:00	0.0			
							1,248	TO AND FROM V ANCHORAGE:	WH	HARF OR	(	00:00		00:00	0.0			
		WORK	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	(	00:00		00:00	0.0			
NO. OF LOADS	TOTAL CY		ING DISPOSAL	ADE/		AGITATING		LOSS DUE TO T	RA	AFFIC AND	(	00:00		00:00	0.0			
NO. OF LOADS	TOTALOT			. ANL		TOTAL		MINOR OPERAT	ΓIN	IG REPAIRS:	(	00:00		00:00	0.0			
4	19	9,098	Galliard Isla	nd			0	TRANSFERRING	3 B	BETWEEN WORKS:	(	00:00		00:00	0.0			
								LAY TIME:			(	00:00		00:00	0.0			
								FIRE AND BOAT	DI	RILLS:	(	00:00		00:00	0.0			
		ATTE	NDANT PLA					MISCELLANEOU	JS:	:	(	00:00		00:00	0.0			
ITEM		<del></del>	NAME OR	NUME	ER	H.P.	HOURS	TOTALS:			(	00:00		00:00	0.0			
Crew/Survey Vesse		Margar				0	12:00 12:00	LOST TIME:										
Stow, Survey vesse		<u>-poeul</u>	,				12.00	MAJOR REPAIRS ALTERATIONS:	S A	AND	(	00:00		00:00	0.0			
								CESSATION:			(	00:00		00:00	0.0			
								COLLISIONS:			(	00:00		00:00	0.0			
								TOTALS:			(	00:00		00:00	0.0			
								TOTAL TIME/MIL	LES	s:	(	00:00		24:00	0.0			

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 12 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	35
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 27 Apr 2017 - Thursday

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 writting 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.

		QUALIT	TY CONTE	ROL REPORT-HOPPER DREDGE						Page 13 of 86							
CONTRACT NO.		1	TRACT TITLE					CONTRACT					REPORT NO.				
W91278-17-D-00	02 0001	Main	t. Dredging	of Mob	ile Harb	or		Manson Co	on	nstruction Co.		4			36		
CHARACTER OF REPORT		X M	IAINTENANC	E [	NEW	WORK							DATE 28 Apr 20	)17 - F	riday		
DREDG	E		HOPPER CA	۰P:	13,00	<u>0</u> _CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVG	UNI	FILLED CA	P:	0_CY		
(Glenn Edw	ards)	N	O. OF CREW MEMBERS		DRI	EDGE	07	THER PLANT	T	WORK SCHEDU	JLE SHIFT	S F	PER DAY	DA	YS PER WEEK		
						19	)	3	3				2		7		
LOCATIO	ON NC	LOCA	ATION CHAN	1EL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY DE GROSS				TIVE AND QTY FOR DA(CY)		
OF WORK	(	Mobi	le Bay		STA	5+00 - 32	+76		G	Salliard Island	GROSE	•	16,394 133,716				
		AVC	G LENGTH (	OF CU	T2,	<u>,000</u> FT	AVG '	WIDTH OF CU	JT_	0_FT	AVG	DIS	DIST TO DUMP12_NM				
CHARACTE	R OF	DENS	SITY OF MAT	ERIALS					_		GMS/LI	TER	ER1.25				
MATERI		DENS	SITY OF WAT	ER					_	1_	GMS/LI	ΓER	R@	73	<u>}°F</u>		
RIVER/TI		MIN		0 ті	ME	23:27	7 MAX		1	TIME 1:	3:20 GAGE L	OC.	ATION MO	obile R	tiver State Dock		
STAG	E	MIN		0 ті	ME	00:00	XAM C	(	0	TIME 0	0:00 GAGE [	DAT	UM MI	LLW			
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY	WIND						
		Weat	ther Caused	No De	lay		7	7 °F / 82 °F	_	9	10						
			DRAFT							DISTRIBUTI	ON OF TIME A	AND	MILES RU	·N			
FORWARD	LIGHT			LOAD	ED			-			AGITATING (MIN)	Î	DREDGE & (MIN)		MILES RUN (NAUT MI)		
			10	)			26	EFFECTIVE WOR	RK	(ING TIME:							
AFT			14	,			25	PUMPING:	_		00:0	00	(	03:09	0.0		
				<u>+ 1</u>				TURNING:			00:00 01:00						
DRAG DEPTH M.	AX	50	MIN		27			TO DUMP:	_		00:0	-		06:59	0.0		
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:	_		00:0	-	01:41 0 04:38 0				
AVERAGE SPEED OF	DREDGE DUR	ING LO	ADING			FT/MIN	70	DISCONNECTING	G:		00:0	00		00:29	0.0		
AVERAGE SPEED OF	DREDGE DUE	INC AC	ITATING			FT/MIN		TO CUT:			00:0	00	(	05:29	0.0		
AVERAGE OF LED OF	DREDGE DON		ITATING			1 1/WIIN	0	TOTALS:			00:0	00		23:25	0.0		
GALLONS OF FUEL C	IL CONSUMED	)				GAL	4,566	NON-EFFECTIVE	ΕV	NORKING TIME:							
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	:L <i>A</i>	AND SUPPLIES:	00:0	00	(	00:00	0.0		
							936	TO AND FROM V ANCHORAGE:	ИН	HARF OR	00:0	00	(	00:00	0.0		
		WORK	K PERFORME	:D				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00:0	00	(	00:00	0.0		
NO. OF LOADS	TOTAL CYS		ING DISPOSAL	ΔΡΕΔ		AGITATING TOTAL		LOSS DUE TO TI BRIDGES	RA	AFFIC AND	00:0	00	(	00:35	0.0		
NO. OF LOADS	TOTALOT				_			MINOR OPERAT	IN	IG REPAIRS:	00:0	00	(	00:00	0.0		
3	16	6,394	Galliard Islar	ıd	_		0	TRANSFERRING	} B'	BETWEEN WORKS:	00:0	00	(	00:00	0.0		
					_			LAY TIME:			00:0	00	(	00:00	0.0		
		ATTENDANT DI ANT						FIRE AND BOAT	. DI	RILLS:	00:0	00	(	00:00	0.0		
ITEA.		ATTE	NDANT PLAN				HOURS	MISCELLANEOU	JS:	:	00:0	00	(	00:00	0.0		
ITEM			NAME OR	NOMBE	K	H.P.	HOURS	TOTALS: 00					(	00:35	0.0		
Crew/Survey Vesse		Margar				0	12:00 12:00	LOST TIME:									
Olom/Culvey vocas	<i>"</i>	Ороса	<u>, .v.</u>				12.00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00:0	00	(	00:00	0.0		
								CESSATION:	_		00:0	00	(	00:00	0.0		
·								COLLISIONS:			00:0	00	(	00:00	0.0		
						$\sqcup \sqcup$		TOTALS:			00:0			00:00	0.0		
						1		TOTAL TIME/MIL	LES	s:	00:0	) oc		24:00	0.0		

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 14 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	36
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 28 Apr 2017 - Friday

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 writting 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.

	TY CONTI	REPORT-HOPPER DREDGE					PAGE NO. Page 15 of 86									
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLI		le Harb	oor		CONTRACT Manson Co	PR Instruction Co.		REPORT NO.					
CHARACTER OF REPORT		X N	IAINTENANO	E 🗆	NEW \	WORK							DATE 29 Apr 2	2017 - S	aturday	
DDEDO	_		HOPPER C	AP:	13,00	<u>0_</u> CY	AVG	VOL OF BIN WA	ΛTΕ	ER:	_CY A	AVG UN	FILLED C	AP:	<u>0</u> CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	v	DRI	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE SI	HIFTS F	PER DAY	DA	YS PER WEEK	
			MEMBERS			19	9	3	3				:	2	7	
LOCATIO	ON	LOCA	TION CHAN	NEL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		Y DEPC			TIVE AND QTY	
OF WORK		Mobi	le Bay		STA	5+00 - 32	+76		G	Salliard Island	Oix	•	DEPOSIT FOR DA(CY) 13,810 147,526			
		AV	3 LENGTH	OF CUT	Γ2,	,000FT	AVG	WIDTH OF CU	JT_	0_F1	- A	VG DIS	ST TO D	UMP	12NM	
CHARACTE		DENS	SITY OF MAT	FERIALS							GMS	S/LITEF	₹	1	.25	
MATERIA	AL	DENS	SITY OF WA	ΓER					1	S/LITEF	R@	73	<u>B°F</u>			
RIVER/TI		MIN		0 TIN	ИΕ	04:24	4 MAX	2 TIME 18:06 GAGE LO					ATION I	∕lobile R	iver State Dock	
STAG	E	MIN		0 TIN	ИE	00:00	) MAX	(	0			GE DAT	UM N	ИLLW		
WEATHER CO	NDITION		THER	-l N - D -				(min / max)		VISIBILITY	WIN	ND				
		wea	ther Cause	No De	ay		/	5 °F / 84 °F		10	16	AE AND	MU FO F			
			DRAFT							DISTRIBUT				•		
FORWARD	LIGHT			LOADE	D						AGITATI (MIN)		DREDGE (MI		MILES RUN (NAUT MI)	
			1	0			26	EFFECTIVE WOR	RK	(ING TIME:						
AFT			1	4			24	PUMPING:			(	00:00		02:23	0.0	
DDAG DEDTU M	A.V.	50	MIN		27		27	TURNING:				00:00		00:36	0.0	
DRAG DEPTH MA	4X		MIIN		<u> </u>			TO DUMP: CONNECTING:				00:00		05:07 02:44	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				00:00		05:28	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTING		(	00:00		00:23	0.0		
AVERAGE SPEED OF	DREDGE DITE	DING AG	ITATING			FT/MIN	70	TO CUT:			(	00:00		05:05	0.0	
AVERAGE OF EED OF	DREDGE DOI	WO AC	TATINO			1 1/101114	0	TOTALS: 00:0						21:46	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,291	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:	(	00:00		00:00	0.0	
							936	TO AND FROM V ANCHORAGE:	ΝH	IARF OR	(	00:00		00:00	0.0	
		WORI	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	(	00:00		00:00	0.0	
	EDGING AND			ADEA		AGITATINO TOTAL		LOSS DUE TO TI BRIDGES	RA	AFFIC AND	(	00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPOSAI	_ AREA		TOTAL		MINOR OPERAT	IN	G REPAIRS:	(	00:00		01:48	0.0	
3	1:	3,810	Galliard Isla	nd			0	TRANSFERRING	ЭΒ	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:			(	00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITEM		AIIE	NAME OR			H.P.	HOURS	MISCELLANEOU	JS:		(	00:00		00:26	0.0	
	.1	14		NONBLI	`			TOTALS: 00:0						02:14	0.0	
Crew/Survey Vesse		Marga Speed				0	12:00 12:00	LOST TIME:								
Hopper Dredge			Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0	
11 3-								CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:			(	00:00	0.0 00:00 0.0			
	TOTAL TIME/MILES: 00:00 24:00									0.0						

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

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 writting 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.

	ROL REPORT-HOPPER DREDGE						Page 17 of 86										
CONTRACT NO.		1	TRACT TITLE					CONTRACT				REPORT NO.					
W91278-17-D-00	002 0001	Main	t. Dredging	of Mok	ile Harl	bor		Manson Co	on	nstruction Co.			D. 1 ==		38		
CHARACTER OF REPORT		X M	IAINTENANC	E C	NEW	WORK							DATE 30 Apr	2017 - S	unday		
DREDG	E		HOPPER CA	۹Þ:	13,00	00_CY	AVG	VOL OF BIN WA	ATE	ER:	)_CY	AVG UN	FILLED C	;AP:	0_CY		
(Glenn Edw	ards)	N	O. OF CREW MEMBERS		DR	REDGE	0	THER PLANT		WORK SCHEDU	JLE	SHIFTS F	PER DAY	DA	YS PER WEEK		
						19	)	3	3					2	7		
LOCATIO	ON	LOCA	ATION CHAN	NEL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		TY DEPC			TIVE AND QTY FOR DA(CY)		
OF WORK	(	Mobi	le Bay		STA	5+00 - 32	+76		G	Salliard Island		000001	7,511 155,037				
		AVC	G LENGTH	OF CL	JT2	<u>:,000</u> FT	AVG	WIDTH OF CU	JT <sub>.</sub>	0_F7	г	AVG DIS	IST TO DUMP 12 NM				
CHARACTE	P OF	DENS	SITY OF MAT	ERIAL	<del></del>						G	MS/LITER	R	1	1.25		
MATERIA		DENS	SITY OF WAT	ΈR						1_	G	MS/LITER	R@	73	<u>3 °F</u>		
RIVER/TI	DE	MIN		0 т	IME	02:28	B MAX	,	1	TIME 1	5:28 G	AGE LOC	ATION I	Mobile R	iver State Dock		
STAG	E	MIN		0 т	IME	00:00	) MAX	(	0	TIME 0	0:00 G	AGE DAT	UM I	MLLW			
WEATHER CO	NDITION	WEA	THER				TEMF	(min / max)		VISIBILITY	W	/IND					
		Weat	ther Caused	Non-	Critical I	Delay	6	9 °F / 81 °F	10	6							
			DRAFT							DISTRIBUT	ION OF 1	TIME AND	MILES F	(UN			
FORWARD	LIGHT			LOAD	DED							ATING IIN)	DREDGE (MI		MILES RUN (NAUT MI)		
			1	0			26	EFFECTIVE WO	RK	(ING TIME:							
AFT			4				0.4	PUMPING:				00:00		01:40	0.0		
			1.	4			24	TURNING:			00:00 00:24						
DRAG DEPTH MA	AX	50	MIN		27			TO DUMP:				00:00		02:16	0.0		
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING:				00:00		01:02 02:55	0.0		
AVERAGE SPEED OF	DREDGE DUR	ING LO	ADING			FT/MIN		DUMPING: DISCONNECTIN	ıG.			00:00		02:33	0.0		
							70	TO CUT:	10.			00:00		03:08	0.0		
AVERAGE SPEED OF	DREDGE DUF	ING AG	ITATING			FT/MIN	0	TOTALS:				00:00		11:37	0.0		
GALLONS OF FUEL C	DIL CONSUMED	)				GAL	2,437	NON-EFFECTIVE	ΕV	WORKING TIME:							
GALLONS OF WATER	R CONSUMED					GAL	2, 101	TAKING ON FUE	EL /	AND SUPPLIES:		00:00		00:00	0.0		
							1,092	TO AND FROM V ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0		
		WORK	K PERFORM	ĒD					IAI	TURAL ELEMENTS:		00:00		10:40	0.0		
NO. OF LOADS	EDGING AND		ING DISPOSAL	ADEA	$-\!\!\!\!+$	AGITATING TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND		00:00		01:43	0.0		
NO. OF LOADS	TOTAL CY:	>	DISPUSAL	——			. 015	MINOR OPERAT	ΓIN	IG REPAIRS:		00:00		00:00	0.0		
2	•	7,511	Galliard Isla	nd			0	TRANSFERRING	3 B	BETWEEN WORKS:		00:00		00:00	0.0		
								LAY TIME:				00:00		00:00	0.0		
	FIRE AND BOAT							DI	RILLS:		00:00		00:00	0.0			
	T	ATTE	NDANT PLAI			Т Т		MISCELLANEOU	JS:	:		00:00		00:00	0.0		
ITEM			NAME OR	NUMBE	<u>:</u> R	H.P.	HOURS	TOTALS:				00:00		12:23	0.0		
Crew/Survey Vesse		Marga				0	12:00	LOST TIME:									
Crew/Survey Vesse Hopper Dredge	žI .	Speed	y ivi Edwards			0	12:00 24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0		
-FF10090						1 1		CESSATION:				00:00		00:00	0.0		
						1		COLLISIONS:				00:00		00:00	0.0		
								TOTALS:				00:00		00:00	0.0		
								TOTAL TIME/MIL	LES	S:		00:00		24:00	0.0		

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

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 writting JSAs and conducting all work according to safety procedures.

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

	ROL RE	REPORT-HOPPER DREDGE					PAGE NO. Page 19 of 86									
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		ile Harl	bor		CONTRACT		PR Instruction Co.			REPORT NO.			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	NEW	WORK							DATE 01 May	2017 - N	/Jonday	
22520	_		HOPPER C	:AP:	13,00	00_CY	AVG	VOL OF BIN WA	λΤE	ER:(	_CY	AVG UN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	V	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE	SHIFTS F	PER DAY DA		YS PER WEEK	
			WEWBERG			19	9	3	3					2	7	
LOCATIO	ON	LOCA	TION CHAI	INEL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA (		QTY DEPC GROSS(C)			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	5+00 - 32	2+76		G	Salliard Island		•	16,901 171,938			
		AV	G LENGTH	OF CU	T2	,000_FT	AVG	WIDTH OF CU	JT_	0_F7	г	AVG DIS	ST TO D	UMP	12NM	
CHARACTE		DENS	SITY OF MA	TERIALS							(	GMS/LITER	₹	1	.25	
MATERIA	AL	DENS	SITY OF WA	TER					1_	GMS/LITER	R@	73	B°F			
RIVER/TI		MIN		0 ті	ME	03:3	в мах	1 TIME 16:19 GAGE LC					ATION I	√lobile R	iver State Dock	
STAG	<u> </u>	MIN		0 ті	ME	00:00	_					GAGE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER		N. 111 1 1	Dalas		(min / max)		VISIBILITY		WIND				
		wea	ther Cause	a Non-C	riticai	Delay	6	9 °F / 84 °F		9 DISTRIBUT		37	MILES			
			DRAFT							DISTRIBUT	ION OF	TIVIL AND	VIVILES	·ON		
FORWARD	LIGHT			LOAD	ED							TATING MIN)	DREDGE (MI		MILES RUN (NAUT MI)	
				11			28	EFFECTIVE WO	RK	(ING TIME:						
AFT				15			25	PUMPING:				00:00		03:37	0.0	
DRAG DEPTH M.	ΑX	50	MIN	-	28			TURNING: TO DUMP:				00:00		01:12	0.0	
								CONNECTING:				00:00		00:48	0.0	
INDICATORS LAST C								DUMPING:				00:00		03:34	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70							00:11	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				00:00		03:25	0.0	
							0	TOTALS:				00:00		15:50	0.0	
GALLONS OF FUEL C	OIL CONSUME	)				GAL	3,676	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL	1,092	TAKING ON FUE				00:00		00:00	0.0	
							1,032	TO AND FROM N ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0	
		WORI	( PERFORM	IED				LOSS DUE TO N	IAT	TURAL ELEMENTS:		00:00		04:35	0.0	
NO. OF LOADS	DGING AND	_	ING DISPOSA	I ARFA		AGITATINO TOTAI		LOSS DUE TO T BRIDGES	RA	AFFIC AND		00:00		01:51	0.0	
								MINOR OPERAT	ΓIN	G REPAIRS:		00:00		01:44	0.0	
2	1	6,901	Galliard Isla	and			0	TRANSFERRING	3 B	BETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
							FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0		
ITEA.		ATTE	NDANT PLA			шъ	HOURS	MISCELLANEOU	JS:	:		00:00		00:00	0.0	
ITEM			NAME OF	NUMBE	K	H.P.	HOURS	TOTALS: 00:0						08:10	0.0	
Crew/Survey Vesse		Marga Speed				0	12:00 12:00	LOST TIME:								
Hopper Dredge	<i>'</i> 1		Edwards			0	24:00	MAJOR REPAIR: ALTERATIONS:	S A	AND		00:00		00:00	0.0	
119-								CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:	00:00				0 00:00 0.0			
	TOTAL TIME/MILES: 00:00 24:00									0.0						

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 20 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	39
DPEDGE	NAME AND TYPE		DATE
DREDGE QC NARRATIVE(S)	Glenn Edwards		01 May 2017 - Monday

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.

	ROL RE	L REPORT-HOPPER DREDGE					PAGE NO. Page 21 of 86										
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		ile Har	bor		CONTRACT Manson Co	PR Instruction Co.		REPORT NO. 40						
CHARACTER OF REPORT		X M	IAINTENAN	CE [	NEW	WORK							DATE 02 May	2017 - 7	Tuesday		
DDEDO	_		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	λΤE	ER:(	_CY AV	G UN	IFILLED C	;AP:	<u>0</u> _CY		
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DF	REDGE	0	THER PLANT		WORK SCHEDU	JLE SHII	FTS	PER DAY	DA	YS PER WEEK		
			MEMBERS			19	9	3	3				;	2	7		
LOCATIO	ON	LOCA	TION CHAI	INEL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA (	JSE QTY I		OSITED CUMULATIVE AND QTY ODEPOSIT FOR DA(CY)				
OF WORK		Mobi	le Bay		STA	A 5+00 - 32	2+76		G	Salliard Island	OKOC	•	19,586 191,524				
		AV	G LENGTH	OF CU	T2	<u>2,000</u> FT	AVG	WIDTH OF CU	JT <sub>.</sub>	0_F7	AVO	G DI	ST TO D	UMP	12NM		
CHARACTE	R OF	DENS	SITY OF MA	TERIALS							GMS/I	LITE	₹	1	1.25		
MATERIA	AL	DENS	SITY OF WA	TER					1	LITE	₹@	73	<u>8 °F</u>				
RIVER/TI		MIN		0 ті	ME	05:32	2 MAX	1 TIME 17:51 GAGE LO					CATION I	√lobile R	tiver State Dock		
STAG	E	MIN		0 ті	ME	00:00	0 MAX	(	0	TIME 0	0:00 GAGE	DAT	TUM N	MLLW			
WEATHER CO	NDITION		THER	5				IP (min / max) VISIBILITY WIND									
		Wea	ther Cause	d No De	elay		5	7 °F / 82 °F		10	12						
			DRAFT							DISTRIBUT	ON OF TIME	ANI	MILES	:UN			
FORWARD	LIGHT			LOAD	ED						AGITATINO (MIN)	G	DREDGE (MI		MILES RUN (NAUT MI)		
				1			27	EFFECTIVE WO	RK	(ING TIME:		1					
AFT				5			26	PUMPING:			00	00:00 04:59					
		50		J	20			TURNING:				0:00		01:06	0.0		
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:  CONNECTING:				0:00		05:58 01:03	0.0		
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				0:00		05:31	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	IG:			0:00		00:18	0.0		
AVED 4 05 00550 05			ITATING.			FT (8 41) 1	70	TO CUT:			00	0:00		05:05	0.0		
AVERAGE SPEED OF	DREDGE DUF	KING AG	ITATING			FT/MIN	0	TOTALS:			00	0:00		24:00	0.0		
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	3,599	NON-EFFECTIVE	ΕV	WORKING TIME:							
GALLONS OF WATER	R CONSUMED					GAL		TAKING ON FUE	EL /	AND SUPPLIES:	00	0:00		00:00	0.0		
							1,248	TO AND FROM V ANCHORAGE:	WH	HARF OR	00	0:00		00:00	0.0		
		WOR	( PERFORM	IED				LOSS DUE TO N	IAI	TURAL ELEMENTS:	00	0:00		00:00	0.0		
NO. OF LOADS	EDGING AND		ING DISPOSA	ADEA		AGITATING		LOSS DUE TO T	RA	AFFIC AND	00	0:00		00:00	0.0		
NO. OF LOADS	TOTAL CY	S	DISPUSA	LAKEA		TOTAL		MINOR OPERAT	ΓIN	G REPAIRS:	00	0:00		00:00	0.0		
3	1	9,586	Galliard Isla	and			0	TRANSFERRING	3 B	BETWEEN WORKS:	00	0:00		00:00	0.0		
								LAY TIME:			00	0:00		00:00	0.0		
								FIRE AND BOAT	DI	RILLS:	00	0:00		00:00	0.0		
ITC.		ATTE	NDANT PLA				1101100	MISCELLANEOU	JS:	:	00	0:00		00:00	0.0		
ITEM			NAME OF	NUMBE	K	H.P.	HOURS	TOTALS: 00:0						00:00	0.0		
Crew/Survey Vesse		Marga				0	12:00 12:00	LOST TIME:									
Crew/Survey Vesse Hopper Dredge	<del>7</del> 1	Speed	y ivi Edwards			0	24:00	MAJOR REPAIRS	S A	AND	00	0:00		00:00	0.0		
<b>-</b>		2.0/111					00	CESSATION:			00	0:00		00:00	0.0		
								COLLISIONS:			00	0:00		00:00	0.0		
								TOTALS:			00	0:00		00:00	0.0		
	TOTAL TIME/MILES: 00:00 24:00									0.0							

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 22 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	40
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE
QC NARRATIVE(S)	Glenn Edwards		02 May 2017 - Tuesday

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 writting JSAs and conducting all work according to safety procedures.

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

	ROL RE	DL REPORT-HOPPER DREDGE					PAGE NO. Page 23 of 86									
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLE		le Hart	oor		CONTRACT		PR Instruction Co.		REPORT NO. 41				
CHARACTER OF REPORT		X N	MAINTENANC	ж 🗆	NEW \	WORK							DATE 03 May	2017 - \	Vednesday	
22520			HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:C	_CY	AVG UN			<u>0</u> _CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS	/	DR	EDGE	0.	THER PLANT	T	WORK SCHEDU	JLE :	SHIFTS F	PER DAY	PER DAY DAYS PER WEEK		
			MEMBERS			19	9	3	3					2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		QTY DEPOSITED CUMULATIVE AND QTO GROSS(CY) DEPOSIT FOR DA(CY)				
OF WORK		Mobi	le Bay		STA	5+00 - 32	+76		G	Salliard Island	J G	10000(01	4,941 196,465			
		AV	3 LENGTH	OF CUT	Γ2,	<u>,000</u> FT	AVG	WIDTH OF CU	JT_	0_F1	г ,	AVG DIS	ST TO D	UMP	12NM	
CHARACTE		DENS	SITY OF MAT	ERIALS							GN	MS/LITEF	₹	1	1.25	
MATERIA	AL	DENS	SITY OF WA	ΓER					1	MS/LITER	R@	73	<u>8 °F</u>			
RIVER/TI		MIN		O TIN	ИΕ	06:13	3 мах		1	TIME 1	8:30 GA	AGE LOC	ATION I	<u> Mobile R</u>	iver State Dock	
STAG	E	MIN		0 TIN	ИE	00:00	) MAX	(	0			AGE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER	IN. D.				(min / max)		VISIBILITY		IND -				
		wea	ther Caused	i No De	iay		6	1 °F / 82 °F		9 DICTRIBUTE	37		MII FO			
			DRAFT							DISTRIBUT				•		
FORWARD	LIGHT			LOADE	D						AGITA (MI		DREDGE (MI		MILES RUN (NAUT MI)	
			1	1			27	EFFECTIVE WO	RK	(ING TIME:						
AFT			1	4			25	PUMPING:				00:00		00:00	0.0	
DRAG DEPTH M	ΑX	50	MIN	•	28			TURNING: TO DUMP:				00:00		00:00 01:48	0.0	
					===			CONNECTING:				00:00		00:20	0.0	
INDICATORS LAST C								DUMPING:				00:00		01:48	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:			00:00		00:07	0.0	
AVERAGE SPEED OF	DREDGE DUE	NG AG	ITATING			FT/MIN		TO CUT:				00:00		00:00	0.0	
							0	TOTALS:				00:00		04:03	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	1,078	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL	0	TAKING ON FUE	EL A	AND SUPPLIES:		00:00		00:00	0.0	
							0	TO AND FROM V ANCHORAGE:	NΗ	HARF OR		00:00		00:00	0.0	
		WOR	K PERFORM	ED				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	DGING AND		ING DISPOSAL	ΔΡΕΔ	-	AGITATINO TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND		00:00		00:00	0.0	
110. 01 20/100	TOTALOT					101712		MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0	
1		4,941	Galliard Isla	nd			0	TRANSFERRING	3 В	ETWEEN WORKS:		00:00		00:00	0.0	
		LAY TIME:								00:00		00:00	0.0			
							FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0		
ITEM		ALIE	NAME OR			H.P.	HOURS	MISCELLANEOU	JS:	:		00:00		00:00	0.0	
	.1	Morgo		NOWBE	`	0		TOTALS: 00:00 00:00 0.0								
Crew/Survey Vesse		Margai Speed				0	12:00 12:00	LOST TIME:								
Hopper Dredge			Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		19:57	0.0	
								CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
				-				TOTALS:				00:00		19:57	0.0	
								TOTAL TIME/MILES: 00:00 24:00 0.0								

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

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 writting 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 REPOR									PAGE NO. Page 25 of 8						Page 25 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TIT		Mobile	e Harb	or		CONTRACT Manson Co		R estruction Co.			REPORT NO. 42		
CHARACTER OF REPORT		X N	MAINTENAI	NCE		NEW W	VORK							DATE 04 May 2	2017 - 7	hursdav
	_		HOPPER	CAP:		13,000	_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVG				OCY
<b>DREDG</b> (Glenn Edw		N	O. OF CRE	ĘW		DRE	DGE	0	THER PLANT		WORK SCHEDU	JLE SHIF	TS F	PER DAY	DA'	YS PER WEEK
			IVILIVIDLING	3			19	9	3	3				2		7
LOCATIO	ON	LOCA	ATION CHA	ANNEL	-	REAC	H DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY DI GROSS				TIVE AND QTY
OF WORK		Mobi	le Bay			STA	5+00 - 32	+76		G	Salliard Island	GROSS	S(C I	DEPOSIT FOR DA(CY) 0 196,465		
		AVO	G LENGT	H OF	CUT	2,0	000_FT	AVG	WIDTH OF CU	JT_	0_F1	AVG	DIS	ST TO DU	JMP	12NM
CHARACTE	R OF	DENS	SITY OF M	ATER	IALS							GMS/LI	TER	<b>.</b>	1	.25
MATERIA		DENS	SITY OF W	ATER						1_	TER	:@	73	<u> </u>		
RIVER/TI		MIN		C	ТІМ	E	06:22	2 MAX		TIME 1	_OC	ATION M	obile R	iver State Dock		
STAG	E	MIN		C	) TIM	E	00:00	) MAX	(	TIME 0	0:00 GAGE I	DAT	им М	ILLW		
WEATHER CO	NDITION		THER						(min / max)		VISIBILITY	WIND				
		Wea	ther Caus	ed No	o Dela	ау		5	5 °F / 75 °F		7	29				
			DRAFT								DISTRIBUT	ON OF TIME	AND	MILES R	JN	
FORWARD	LIGHT			L	OADE!	)						AGITATING (MIN)		DREDGE 8 (MIN		MILES RUN (NAUT MI)
				0				0	EFFECTIVE WO	RK	(ING TIME:					
AFT				0				0	PUMPING:			00:	00		00:00	0.0
		TURNING:								00:	_		00:00	0.0		
DRAG DEPTH M.	AX	50	MIN			28			TO DUMP:			00:			00:00	0.0
INDICATORS LAST C	HECKED ON _	04/22	/2017	-					CONNECTING: DUMPING:			00:	_		00:00	0.0
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING				FT/MIN	7.0	DISCONNECTING: 00:00						00:00	0.0
								70	TO CUT:		00		00:00	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING				FT/MIN	0	TOTALS:			00:	00		00:00	0.0
GALLONS OF FUEL C	OIL CONSUMED	)					GAL	1,078	NON-EFFECTIVE	ΕV	WORKING TIME:					
GALLONS OF WATER	CONSUMED						GAL		TAKING ON FUE	EL A	AND SUPPLIES:	00:	00		00:00	0.0
								0	TO AND FROM V ANCHORAGE:	ΝH	HARF OR	00:	00		00:00	0.0
		WOR	K PERFOR	MED					LOSS DUE TO N	IAT	TURAL ELEMENTS:	00:	00		00:00	0.0
NO. OF LOADS	TOTAL CY		ING DISPOS	ΔΙ ΔΕ	ΡΕΔ	Α	AGITATINO TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND	00:	00		00:00	0.0
No. of Londo	101712 01		DIG! 00	712711			10171		MINOR OPERAT	IN	G REPAIRS:	00:	00		00:00	0.0
									TRANSFERRING	3 В	ETWEEN WORKS:	00:	00		00:00	0.0
						-			LAY TIME:			00:	00		00:00	0.0
		ATTENDANT PLANT							FIRE AND BOAT	DI	RILLS:	00:	00		00:00	0.0
ITEM		AIIE	NAME O		MBFR		H.P.	HOURS	MISCELLANEOU	JS:	:	00:	00		00:00	0.0
Crew/Survey Vesse	al.	Margai					0	12:00	TOTALS:		00		00:00	0.0		
Crew/Survey Vesse		Speed					0	12:00	LOST TIME:							
Hopper Dredge			Edwards				0	24:00	MAJOR REPAIR: ALTERATIONS:	S A	AND	00:	00		24:00	0.0
<b>_</b>									CESSATION: 00:0				00	0.0 00:00		
									COLLISIONS: 00:0				00	0.0 00:00		
									TOTALS: 00:00					24:00 0.0		
	TOTAL TIME/MILES: 00:00 24:00									0.0						

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

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 writting JSAs and conducting all work according to safety procedures.

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

QUALITY CONTROL REPO									PAGE NO. Page 27 of 8						Page 27 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	bor		CONTRACT Manson Co		PR Instruction Co.			REPORT NO. 43			
CHARACTER OF REPORT		X N	1AINTENAN(	E 🗆	NEW \	WORK							DATE 05 May	2017 - F	riday	
DDEDO	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:	_CY AV	G UN	IFILLED C	AP:	<u>0</u> CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE SHI	FTS	PER DAY	R DAY DAYS PER WEEK		
			IVIEIVIBERS			19	9	3	3					2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U					TIVE AND QTY	
OF WORK		Mobi	le Bay		STA	5+00 - 32	2+76		G	Saillard Island	GROS	33(0	7,281 DEPOSIT FOR DA(CY) 203,746			
		AV	G LENGTH	OF CU	Γ2,	<u>,000</u> FT	AVG	WIDTH OF CU	JT_	0_F1	AV	G DI	IST TO DUMP12_NM			
CHARACTE	R OF	DENS	SITY OF MA	ERIALS							GMS/I	LITE	₹	1	.25	
MATERIA	AL	DENS	SITY OF WA	ΓER					1	LITE	₹@	73	<u>B°F</u>			
RIVER/TI		MIN		0 ти	ИΕ	05:39	9 MAX	1 TIME 13:27 GAGE LC					CATION I	<u> Mobile R</u>	iver State Dock	
STAG	E	MIN		0 TII	ИE	22:19	9 MAX	(	0		0:00 GAGE		ΓUM I	MLLW		
WEATHER CO	NDITION		THER	J Na Da	la			(min / max)		VISIBILITY	WIND 29					
		wea	ther Cause	i No De	iay		5	5 °F / 75 °F		7		. MII E C I				
			DRAFT							DISTRIBUTI	ON OF TIME		<del>-</del>	•		
FORWARD	LIGHT			LOADI	D						AGITATIN (MIN)	G	DREDGE (MI		MILES RUN (NAUT MI)	
			1	0			15	EFFECTIVE WOR	RK	(ING TIME:						
AFT			9	7			26	PUMPING:			00	0:00		01:38	0.0	
	TURNING:									0:00		00:36	0.0			
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				0:00		03:27 00:25	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				0:00		00.25	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN		DISCONNECTING		0:00		00:07	0.0			
						<u> </u>	70	TO CUT:			00	0:00		01:32	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:			00	0:00		09:20	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	2,788	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	L/	AND SUPPLIES:	00	0:00		00:00	0.0	
							1,092	TO AND FROM V ANCHORAGE:	ИН	HARF OR	00	0:00		00:00	0.0	
		WORI	K PERFORM	ED				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:	00	0:00		00:00	0.0	
	DGING AND					AGITATING		LOSS DUE TO TO	RA	AFFIC AND	00	0:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S 	DISPOSA	_ AREA		TOTAL	_ CYS	MINOR OPERAT	IN	G REPAIRS:	00	0:00		00:00	0.0	
1		7,281	Gaillard Isla	nd			0	TRANSFERRING	В	ETWEEN WORKS:	00	0:00		00:00	0.0	
								LAY TIME:			00	0:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:	00	0:00		00:00	0.0	
ITEM		ATTE	NDANT PLA			H.P.	HOURS	MISCELLANEOU	JS:		00	0:00		00:00	0.0	
				NUIVIDE				TOTALS:			00	0:00		00:00	0.0	
Crew/Survey Vesse		Marga				0	12:00	LOST TIME:								
Crew/Survey Vesse Hopper Dredge	71	Speed	y ivi Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00	0:00		14:40	0.0	
<b>2.0090</b>		2.0/111					00	CESSATION:			00	0:00		00:00	0.0	
								COLLISIONS:	BIONS: 00:0				0.00 00:00			
								TOTALS:			00	0:00	00 14:40 0.0			
	TOTAL TIME/MILES: 00:00 24:00									0.0						

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 28 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	43
DREDGE DRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE
DREDGE QC NARRATIVE(S)	Glenn Edwards		05 May 2017 - Friday

The Dredge Glenn Edwards resumed dredging at 1425 hrs after remaing in drydock for the previous two days making repairs to the Stbd main enginge 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 writting 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-HOPPE										DREDGE			PAGE NO	).	Page 29 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		ile Har	bor		PR Instruction Co.			REPORT	NO.	44			
CHARACTER OF REPORT		X M	IAINTENAN	CE [	NEW	WORK							DATE 06 May	2017 - \$	Saturdav	
	_		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	۱T	ER:	_CY AVO	JUN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DF	REDGE	0	THER PLANT		WORK SCHEDU	JLE SHIFTS PER DAY			DA	YS PER WEEK	
			IVIEIVIDERS			19	9	3	3				2	2	7	
LOCATIO	ON	LOCA	TION CHAI	INEL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA (					TIVE AND QTY	
OF WORK		Mobi	le Bay		STA	\ 5+00 - 32	2+76		G	Saillard Island	GROS	•	236,224 DEPOSIT FOR DA(CY)			
		AV	G LENGTH	OF CU	T2	2,000_FT	AVG	WIDTH OF CU	JT <sub>.</sub>	0_F7	AVG	DI:	ST TO DI	JMP	12NM	
CHARACTE	R OF	DENS	SITY OF MA	TERIALS							GMS/L	ITEF	₹		.25	
MATERIA		DENS	SITY OF WA	TER					_	1_	ITEF	₹@	73	<u> </u>		
RIVER/TI		MIN		0 ті	ME	21:22	2 MAX	1 TIME 12:26 GAGE LO					CATION N	1obile R	iver State Dock	
STAG	E	MIN		0 ті	ME	00:00	0 MAX	(	0	TIME 0	0:00 GAGE	DAT	TUM N	<b>ILLW</b>		
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY	WIND 29					
		Wea	ther Cause	d No De	elay		5	0 °F / 73 °F		10						
			DRAFT							DISTRIBUT	ON OF TIME	ANI	MILES R	UN		
FORWARD	LIGHT			LOAD	ED			-			AGITATING (MIN)	<b>i</b>	DREDGE (MIN		MILES RUN (NAUT MI)	
				1			27	EFFECTIVE WO	RK	(ING TIME:			•	-		
AFT			,	_			26	PUMPING:			00	:00		03:42	0.0	
	15 26 TURNING:									:00		01:39	0.0			
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				:00		05:17	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				:00		00:49 07:05	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN		DISCONNECTING:				:00		00:28	0.0	
							70	TO CUT:		:00		04:45	0.0			
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:			00	:00		23:45	0.0	
GALLONS OF FUEL C	OIL CONSUME	)				GAL	4,576	NON-EFFECTIVI	ΕV	WORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL	,	TAKING ON FUE	ΞL	AND SUPPLIES:	00	:00		00:00	0.0	
							1,248	TO AND FROM V ANCHORAGE:	WH	HARF OR	00	:00		00:00	0.0	
		WOR	( PERFORM	IED				LOSS DUE TO N	TAI	TURAL ELEMENTS:	00	:00		00:00	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSA	ADEA		AGITATING		LOSS DUE TO T	TR/	AFFIC AND	00	:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPUSA	LAKEA		TOTAL		MINOR OPERAT	ΓIN	G REPAIRS:	00	:00		00:15	0.0	
4	3	2,478	Gaillard Isla	and			0	TRANSFERRING	3 В	BETWEEN WORKS:	00	:00		00:00	0.0	
								LAY TIME:			00	:00		00:00	0.0	
								FIRE AND BOAT	ΓD	RILLS:	00	:00		00:00	0.0	
ITC.		ATTE	NDANT PLA			115	1101100	MISCELLANEOU	JS:	:	00	:00		00:00	0.0	
ITEM			NAME OF	NUMBE	K	H.P.	HOURS	TOTALS:		:00		00:15	0.0			
Crew/Survey Vesse		Marga				0	12:00	LOST TIME:								
Crew/Survey Vesse Hopper Dredge	<i>,</i> 1	Speed	y ivi Edwards			0	24:00	MAJOR REPAIR: ALTERATIONS:	S A	AND	00	:00		00:00	0.0	
<b>2.0090</b>		2.0/111					00	CESSATION:			00	:00	00 00:00		0.0	
								COLLISIONS: 00:0				:00	0.0 00:00 0.0			
								TOTALS:			00	:00		00:00	0.0	
	TOTAL TIME/MILES: 00:00 24:00									0.0						

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 30 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	44
DPEDGE	NAME AND TYPE		DATE
DREDGE QC NARRATIVE(S)	Glenn Edwards		06 May 2017 - Saturday

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 writting JSAs and conducting all work according to safety procedures.

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

QUALITY CONTROL REPORT-HOPPER D										DREDGE			PAGE N		Page 31 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLE		e Harb	or	R estruction Co.			REPOR1	NO.	45				
CHARACTER OF REPORT		X M	IAINTENANC	E $\square$	NEW V	VORK							DATE 07 May	2017 - \$	Sunday	
	_		HOPPER CA	ΛP:	13,000	O_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AV	G UN	IFILLED C	;AP:	OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS		DRE	DGE	0	THER PLANT	T	WORK SCHEDU	JLE SHII	FTS	PER DAY	R DAY DAYS PER WEEK		
			MEMBERS			19	9	3	3				;	2	7	
LOCATIO	ON	LOCA	TION CHAN	NEL	REAC	H DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY I				TIVE AND QTY	
OF WORK		Mobi	le Bay		STA :	5+00 - 32	+76		G	Saillard Island	GROC	,	DEPOSIT FOR DA(CY) 17,167 253,391			
		AV	3 LENGTH	OF CUT		000_FT	AVG '	WIDTH OF CU	JT_	0_FT	- AV	G DI	IST TO DUMP 12 NM			
CHARACTE		DENS	SITY OF MAT	ERIALS							GMS/I	LITE	₹	1	1.25	
MATERIA	AL	DENS	SITY OF WAT	ER					1_	LITE	₹@	73	<u>8 °F</u>			
RIVER/TI		MIN		0 TIN		05:14	4 MAX	(	TIME 0	LOC	CATION I	√lobile R	tiver State Dock			
STAG	=	MIN		0 TIN	1E	00:00			1		2:59 GAGE		TUM N	MLLW		
WEATHER CO	NDITION		THER ther Caused	No Del	<b>3</b> V			' (min / max) 1 °F / 82 °F		VISIBILITY	WIND 13					
		vvea	DRAFT	NO DEI	ay		0	1 1 7 02 1		-	ON OF TIME	ANI	O MILES F			
FORWARD	LIGHT			LOADE	D						AGITATIN	G	DREDGE	& HAUL	MILES RUN	
TORWARD	LIGITI		1				30	-			(MIN)		(MI	N)	(NAUT MI)	
AFT			I	!			30	EFFECTIVE WO	RK	(ING TIME:	00	2.00	1	02:24	0.0	
			16 27								0:00		03:31 01:18	0.0		
DRAG DEPTH M.	AX	50	MIN		28			TO DUMP:				0:00		05:09	0.0	
		04/22	/2047					CONNECTING:			00	0:00		00:46	0.0	
INDICATORS LAST C						FT/MIN		DUMPING:			00	0:00		06:12	0.0	
AVERAGE SPEED OF	DREDGE DUF	KING LO	ADING			FI/WIIN	70	DISCONNECTIN	G:		00:00 00:18					
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				0:00		05:11	0.0	
GALLONS OF FUEL O	DIL CONSUME	)				GAL	0	TOTALS:			00	0:00		22:25	0.0	
0,1220110 01 1 022 0						07.2	5,038	NON-EFFECTIVE	E V	NORKING TIME:			I			
GALLONS OF WATER	CONSUMED					GAL	936	TAKING ON FUE			00	0:00		00:00	0.0	
		WODI	/ DEDECTION	- <u>-</u>				TO AND FROM V ANCHORAGE:	NΗ	HARF OR	00	0:00		00:00	0.0	
			( PERFORM	עב				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00	0:00		00:00	0.0	
NO. OF LOADS	TOTAL CY		ING DISPOSAL	ARFA	P	AGITATING TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND	00	0:00		00:00	0.0	
No. of Londo	101712 01		DIOI COME	7111271		101712		MINOR OPERAT	IN	G REPAIRS:	00	0:00		01:20	0.0	
3	1	7,167	Gaillard				0	TRANSFERRING	ЭΒ	ETWEEN WORKS:	00	0:00		00:00	0.0	
								LAY TIME:			00	0:00		00:00	0.0	
		ATTE	NDANT PLAI	IT				FIRE AND BOAT	DI	RILLS:	00	0:00		00:15	0.0	
ITEM		AIIL	NAME OR			H.P.	HOURS	MISCELLANEOU	JS:	:	00	0:00		00:00	0.0	
Crew/Survey Vesse	اد	Marga	ret M			0	12:00	TOTALS:		0:00		01:35	0.0			
Crew/Survey Vesse		Speed				0	24:00	LOST TIME:								
Hopper Dredge			Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00	0:00		00:00	0.0	
								CESSATION:			00	0:00		00:00	0.0	
								COLLISIONS: 00:0				0:00	0.0 00:00			
								TOTALS:			00	0:00		00:00	0.0	
										0.0						

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

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 writting JSAs and conducting all work according to safety procedures.

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

QUALITY CONTROL REPORT-HOPPER DRE										DREDGE			PAGE N		Page 33 of 86
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	oor		CONTRACT Manson Co		R estruction Co.			REPORT	NO.	46
CHARACTER OF REPORT		X M	IAINTENAN	DE $\square$	NEW	WORK							DATE 08 May	2017 - 1	Monday
DREDG	_		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY A	AVG UN			<u>0</u> CY
(Glenn Edw		N	O. OF CREV	V	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE SI	HIFTS F	PER DAY	DAYS PER WEEK	
						19	Э	3	3				:	2	7
LOCATIO	ON	LOCA	ATION CHAI	INEL	REAG	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA (		Y DEPO			TIVE AND QTY FOR DA(CY)
OF WORK		Mobi	le Bay		STA	5+00 - 32	+76		G	Saillard Island		,	23,903 277,294		
		AV	G LENGTH	OF CU	Γ <u>2</u>	<u>,000</u> FT	AVG	WIDTH OF CU	JT <sub>.</sub>	<u>0</u> F1	- A	VG DI	ST TO D	JMP	12NM
CHARACTE		DENS	SITY OF MA	ΓERIALS							GMS	S/LITEF	₹	1	1.25
MATERIA	AL	DENS	SITY OF WA	ΓER					_	1_	GMS	S/LITEF	R@	73	<u>8°F</u>
RIVER/TI STAG		MIN		0 TII		21:22	2 MAX						ATION !	/lobile R	iver State Dock
STAG		MIN	TUED	0 TII	ИE	00:00			0			GE DAT	UM N	ИLLW	
WEATHER CO	NDITION		THER ther Cause	d No De	lav			0 °F / 86 °F		VISIBILITY	WIN 8	ND			
			DRAFT		,			1		DISTRIBUT	-	VIE AND	MILES F	UN	
FORWARD	LIGHT			LOADI	D						AGITAT (MIN		DREDGE		MILES RUN
			11 29 EFFECTIVE WORKING TIME:									)	(MI	4)	(NAUT MI)
AFT								PUMPING:				00:00		04:24	0.0
		14								00:00		01:36	0.0		
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				00:00		05:24	0.0
INDICATORS LAST C	HECKED ON	04/22	/2017					CONNECTING:				00:00		00:37	0.0
AVERAGE SPEED OF						FT/MIN		DUMPING:				00:00		05:41	0.0
							70	DISCONNECTIN			00:00		00:17 06:01	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TO CUT: TOTALS:				00:00		24:00	0.0
GALLONS OF FUEL C	OIL CONSUME	)				GAL		NON-EFFECTIVE	ΕV	WORKING TIME:					
GALLONS OF WATER	R CONSUMED					GAL	4,909	TAKING ON FUE	EL /	AND SUPPLIES:		00:00		00:00	0.0
							1,092	TO AND FROM V ANCHORAGE:	NΗ	IARF OR		00:00		00:00	0.0
		WOR	K PERFORM	ED					IAT	TURAL ELEMENTS:		00:00		00:00	0.0
	EDGING AND			1051		AGITATING		LOSS DUE TO T	RA	AFFIC AND		00:00		00:00	0.0
NO. OF LOADS	TOTAL CY	S	DISPOSA	_ AREA 		TOTAL	CYS	MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0
3	2	3,903	Gaillard Isla	ınd			0	TRANSFERRING	3 B	SETWEEN WORKS:		00:00		00:00	0.0
								LAY TIME:				00:00		00:00	0.0
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0
ITEM		ATTE	NDANT PLA				HOUDO	MISCELLANEOU	JS:	:		00:00		00:00	0.0
ITEM			NAME OF	NUMBE	τ	H.P.	HOURS	TOTALS:		00:00		00:00	0.0		
Crew/Survey Vesse		Marga				0	12:00 24:00	LOST TIME:							
Hopper Dredge	<i>'</i> 1		Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0
11								CESSATION:				00:00		00:00	0.0
								collisions: 00:0				00:00	0 00:00 0.0		
								TOTALS:				00:00		00:00	0.0
	TOTAL TIME/MILES: 00:00 24:00									0.0					

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

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 writting 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 N		Page 35 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLE		e Harb	or		CONTRACT Manson Co		R estruction Co.			REPORT NO. 47			
CHARACTER OF REPORT		X N	MAINTENANC	E 🗆	NEW V	VORK							DATE 09 May	2017 - 1	Tuesday	
DDEDO	_		HOPPER CA	.P:	13,000	O_CY	AVG	VOL OF BIN WA	ΑTΕ	ER:C	_CY AV	/G UN	IFILLED (	CAP:	<u>0</u> _CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS		DRE	EDGE	0.	THER PLANT		WORK SCHEDU	JLE SH	IFTS I	PER DAY	DA	YS PER WEEK	
			WEWBERG			19	9	3	3					2	7	
LOCATIO	ON	LOCA	ATION CHANN	1EL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		DEPC			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	4+00 - 32	+76		G	Saillard Island	Jane 1	,	26,371 303,665			
		AVO	3 LENGTH (	OF CUT		000_FT	AVG	WIDTH OF CU	JT_	0_F1	- AV	/G DI	IST TO DUMP 12 NM			
CHARACTE		DENS	SITY OF MATI	ERIALS							GMS/	/LITEF	R1.25			
MATERIA	AL	DENS	SITY OF WAT	ER					_	1_	GMS/	/LITEF	₹@	73	<u>8 °F</u>	
RIVER/TI		MIN		0 TIM		21:52	2 MAX	•	1	TIME 1	2:16 GAGI	E LOC	CATION	Mobile R	tiver State Dock	
STAG	=	MIN		0 TIM	1E	00:00	_		0		0:00 GAGE	E DAT	TUM	MLLW		
WEATHER CO	NDITION		THER ther Caused	No Dol	01/			? (min / max) 2 °F / 84 °F		VISIBILITY 9	)					
		vvea	DRAFT	No Dei	ay		0	1		DISTRIBUT	E AND	MILES I	RUN			
										-			i		1411 FO DUNA	
FORWARD	LIGHT			LOADE	D						AGITATIN (MIN)	NG	DREDGE (M		MILES RUN (NAUT MI)	
AFT			12	<u> </u>			28	EFFECTIVE WOI	RK	(ING TIME:						
AFI			16	3			26	PUMPING:				0:00	02:46	0.0		
DRAG DEPTH MA	4X	50	MIN		28			TURNING: TO DUMP:				0:00		01:00 06:08	0.0	
		0.4/00	/0047					CONNECTING:			0	0:00		00:51	0.0	
INDICATORS LAST C						T		DUMPING:			0	0:00		06:39	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:			0:00		00:22	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				0:00		04:36	0.0	
OALLONG OF FUEL C	NI OONOUME						0	TOTALS:			0	0:00		22:22	0.0	
GALLONS OF FUEL C	DIL CONSUMEL	)				GAL	5,236	NON-EFFECTIVE	E V	VORKING TIME:			ı			
GALLONS OF WATER	CONSUMED					GAL	1,404	TAKING ON FUE			0	0:00		00:00	0.0	
							1,404	TO AND FROM V ANCHORAGE:	NΗ	HARF OR	0	0:00		00:00	0.0	
		WORK	K PERFORME	.D				LOSS DUE TO N	IAT	TURAL ELEMENTS:	0	0:00		00:00	0.0	
NO. OF LOADS	DGING AND		ING DISPOSAL	ARFA	F	AGITATING TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND	0	0:00		00:00	0.0	
			7.0. 00/12					MINOR OPERAT	IN	G REPAIRS:	0	0:00		01:38	0.0	
3	20	6,371	Gaillard				0	TRANSFERRING	3 B	ETWEEN WORKS:	0	0:00		00:00	0.0	
								LAY TIME:			0	0:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:	0	0:00		00:00	0.0	
ITEM		ATTE	NDANT PLAN		,		HOURS	MISCELLANEOU	JS:	:	0	00:00		00:00	0.0	
	.1	N4	NAME OR I	NOIVIDER	`	H.P.	HOURS	TOTALS:			0	0:00		01:38	0.0	
Crew/Survey Vesse		Margar				0	12:00 24:00	LOST TIME:								
Hopper Dredge	,,		Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	0	0:00		00:00	0.0	
11								CESSATION:			0	0:00		00:00	0.0	
								COLLISIONS:			0	0:00		00:00	0.0	
								TOTALS:			0	0:00		00:00	0.0	
	TOTAL TIME/MILES: 00:00 24:00										0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 36 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	47
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 09 May 2017 - Tuesday

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 ocurred 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 writting 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 REPO									OL REPORT-HOPPER DREDGE PAGE NO. Page 37					Page 37 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001	1	TRACT TITL		ile Har	bor		CONTRACT Manson C		PR Instruction Co.			REPORT NO. 48			
CHARACTER OF REPORT		×ν	IAINTENANG	DE [	NEW	WORK							DATE 10 May	2017 - \	Vednesday	
DREDG	_		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	ΑТІ	ER:0	_CY A	AVG UN	FILLED C	;AP:	<u>0</u> CY	
(Glenn Edw		N	O. OF CREV MEMBERS	v	DR	EDGE	0.	THER PLANT		WORK SCHEDU	JLE S	HIFTS F	PER DAY	DA'	YS PER WEEK	
			MEMBERO			19	Э	;	3					2	7	
LOCATIO	ON	LOCA	ATION CHAN	INEL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		Y DEPC			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	4+00 - 32	2+76 & 3	2+76-50+00	G	Saillard Island	Oix	,	34,436	JE1 0011	338,101	
		AV	G LENGTH	OF CU	T2	2,000_FT	AVG	WIDTH OF CL	JT.	0_F1	- Д	VG DIS	IST TO DUMP 12 NM			
CHARACTE		DENSITY OF MATERIALS GMS/LI						S/LITEF	TER1.25							
MATERIA	AL	DENSITY OF WATER							S/LITER	R@	73	<u>8 °F</u>				
RIVER/TI		MIN		0 ті	ME	23:0	5 MAX		1	TIME 1	2:58 GA	GE LOC	ATION I	√lobile R	iver State Dock	
STAG	E	MIN		0 ті	ME	00:00			0			GE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER	1.0-10-1				(min / max)		VISIBILITY	WIND 13					
		vvea	ther Cause DRAFT	d Critica	ai Delay	y	6	1 °F / 86 °F		DISTRIBUTI			MILES F	RUN		
FORWARD	LIGHT			LOAD	ED						AGITAT (MIN		DREDGE (MI		MILES RUN (NAUT MI)	
AFT			1	11			27									
AFT			1	15			25					00:00		03:39	0.0	
DRAG DEPTH MA	ΑX	50	MIN		28			TURNING: TO DUMP:				00:00		00:42 05:12	0.0	
		0.4/00	/00.17					CONNECTING:				00:00		00:41	0.0	
INDICATORS LAST C								DUMPING:				00:00		06:35	0.0	
AVERAGE SPEED OF	DREDGE DUF	≀ING LO	ADING			FT/MIN	70	DISCONNECTIN	NG:			00:00		00:30	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				00:00		06:41	0.0	
							0	TOTALS:				00:00		24:00	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	5,039		ΈV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL	1 002			AND SUPPLIES:		00:00		00:00	0.0	
							1,092	TO AND FROM ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0	
		WOR	K PERFORM	ED				LOSS DUE TO N	TAV	TURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	DGING AND		ING DISPOSA	ΔREΔ		AGITATINO TOTAL		LOSS DUE TO T BRIDGES	ΓRA	AFFIC AND		00:00		00:00	0.0	
110.01 20/100	TOTALOT		<b>DIGI GO</b> 71			10171		MINOR OPERA	TIN	IG REPAIRS:		00:00		00:00	0.0	
4	3	4,436	Gaillard Isla	ınd			0	TRANSFERRING	G B	BETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	ΤD	RILLS:		00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA		· D		1101100	MISCELLANEO	US:	:		00:00		00:00	0.0	
ITEM			NAME OR	NUMBE	:K	H.P.	HOURS	TOTALS:				00:00		00:00	0.0	
Crew/Survey Vesse		Margai Speed				0	12:00 24:00	LOST TIME:								
Hopper Dredge	<i>-</i> 1		y ivi Edwards			0	24:00	MAJOR REPAIR ALTERATIONS:		AND		00:00		00:00	0.0	
<b>2.0090</b>							200	CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MILES:				00:00		24:00	0.0	

	QUALITY CONT	ROL REPORT-HOPPER DREDGE	PAGE NO. Page 38 of 86
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	48
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 10 May 2017 - Wednesday

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**

QUALITY CONTROL REPO									ROL REPORT-HOPPER DREDGE PAGE NO. Page 39 c					Page 39 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		bile H	arbor		CONTRACT Manson C		PR Instruction Co.			REPORT NO. 49			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	□ NE\	W WORK							DATE 11 May	2017	Γhursday	
DDEDO	_		HOPPER C	CAP:	13,	000_CY	AVG	VOL OF BIN WA	ΑTΙ	ER:	_CY	AVG UN	FILLED (	CAP:	<u>0</u> CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CRE\	N		DREDGE	0	THER PLANT		WORK SCHEDU	JLE S	SHIFTS F	PER DAY	DA	YS PER WEEK	
			MEMBERS			19	9	;	3					2	7	
LOCATIO	ON	LOCA	TION CHAI	NNEL	RE	EACH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		TY DEPC			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		ST	ΓA 4+00 - 32	+76 & 3	2+76-50+00	G	Saillard Island		,	23,275	DEI OON	361,376	
		AV	AVG LENGTH OF CUT 2,000 FT AVG WIDTH OF CUT 0 FT AVG						AVG DIS	IST TO DUMP12_NM						
CHARACTE		P DENSITY OF MATERIALS GMS/LI							MS/LITER	₹		1.25				
MATERIA	AL								MS/LITER	R@	73	<u>3 °F</u>				
RIVER/TI		MIN			TIME	23:0	5 MAX		1	TIME 1	2:58 GA	GAGE LOCATION Mobile River State Dock				
STAG	=	MIN		0	TIME	00:00			0			AGE DAT	UM	MLLW		
WEATHER CO	NDITION		THER ther Cause	od Criti	al Del	lav		' (min / max) 4 °F / 84 °F		VISIBILITY		WIND 12				
		vvea	DRAFT	d Chi	Jai Dei	iay	0	<u> </u>				ON OF TIME AND MILES RUN				
FORWARD	LIGHT			LOA	DED							TING	DREDGE		MILES RUN	
				11			28	28 EFFECTIVE WORKING TIME:			(MI	N)	(M	N)	(NAUT MI)	
AFT							20	ETTEOTIVE WORKING TIME:				00:00		04:51	0.0	
				15			26	PUMPING: TURNING:				00:00		01:30	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				00:00		06:47	0.0	
INDICATORS LAST C	LIEOKED ON	04/22	/2017					CONNECTING:				00:00		00:53	0.0	
AVERAGE SPEED OF						FT/MIN		DUMPING:				00:00		04:52	0.0	
AVERAGE OF LED OF	DICEOGE DOI	NING LO	ADING			1 1/WIIIN	70	DISCONNECTIN	NG:			00:00		00:20	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				00:00		04:47 24:00	0.0	
GALLONS OF FUEL C	DIL CONSUME	)				GAL	0	TOTALS:		WAR (1915		00.00		24.00	0.0	
							5,079			WORKING TIME:		22.22		22.22		
GALLONS OF WATER	CONSUMED					GAL	1,092			AND SUPPLIES:		00:00		00:00	0.0	
		WORI	( PERFORI	/FD				ANCHORAGE:	VVI	TARF OR		00:00		00:00	0.0	
200	TROINIO AND					A CUT A TINIC		LOSS DUE TO N	TAV	TURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	DGING AND	_	DISPOSA	L AREA	١	AGITATING TOTAL		LOSS DUE TO T BRIDGES	ΓRA	AFFIC AND		00:00		00:00	0.0	
								MINOR OPERAT	TIN	IG REPAIRS:		00:00		00:00	0.0	
3	2	3,275	Gaillard Isla	and			0	TRANSFERRING	G B	BETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
		A T T F	ND ANT DI	NIT.				FIRE AND BOAT	T D	RILLS:		00:00		00:00	0.0	
ITEM		AIIE	NAME OF		ER	H.P.	HOURS	MISCELLANEOU	US:	:		00:00		00:00	0.0	
	N.	Morgo		( NOIVIE	,LIX	0		TOTALS:				00:00		00:00	0.0	
Crew/Survey Vesse		Marga				0	12:00 24:00	LOST TIME:								
Hopper Dredge			Edwards			0	24:00	MAJOR REPAIRS AND		AND	00:00			00:00	0.0	
<b>U</b>								CESSATION:				00:00		00:00	0.0	
								COLLISIONS:			00:00		00:00	0.0		
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MILES:				00:00		24:00	0.0	

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

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**

	DL REPORT-HOPPER DREDGE					PAGE NO. Page 41 of 86										
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001	1	TRACT TITLE		le Hart	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 50				
CHARACTER OF REPORT		ΧN	MAINTENANC	E 🗆	NEW \	WORK							DATE 12 May	2017 - F	- riday	
DDEDO	_		HOPPER C	AP:	13,00	<u>0_</u> CY	AVG	VOL OF BIN WA	ΑTE	ER:C	_CY AV	/G UN			<u>0</u> _CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS	,	DRI	EDGE	0	THER PLANT		WORK SCHEDU	JLE SH	IFTS I	PER DAY	DA'	YS PER WEEK	
			WEWBERO			19	€	3	3					2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		DEPC			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	4+00 - 32	+76		G	aillard Island	OKO	•	32,150	JEI 0011	393,526	
		AV	3 LENGTH	OF CU	Γ2,	<u>,000</u> FT	AVG	WIDTH OF CU	JT_	0_F1	- AV	G DI	DIST TO DUMP 12 NM			
CHARACTE		DENSITY OF MATERIALS							GMS/	/LITEF	₹	1	1.25			
MATERIA	AL	DENS	SITY OF WA	ΓER					_	1	GMS/	/LITEF	₹@	73	<u>8 °F</u>	
RIVER/TI		MIN		O TIM	ИΕ	23:50	MAX C	,	1	TIME 1	3:30 GAG	E LOC	ATION I	√lobile R	iver State Dock	
STAG	E	MIN		0 TIM	ИE	00:00	XAM C	(	0			E DAT	UM I	MLLW		
WEATHER CO							WIND									
		vvea		Critica	Delay	<u> </u>	6	6 °F / 80 °F		9 DICTRIBUTE	17	- AND	. MII EO E			
			DRAFT				DISTRIBUTION OF TI				ON OF TIME	ON OF TIME AND MILES RUN				
FORWARD	LIGHT			LOADE	D						AGITATIN (MIN)	1G	DREDGE (MI		MILES RUN (NAUT MI)	
			1	1			28	28 EFFECTIVE WORKING TIME:								
AFT			1	5			PUMPING:			0	0:00		03:53	0.0		
DRAG DEPTH M	ΑX	50	MIN	<u> </u>	28			TURNING: TO DUMP:				0:00		01:36 05:04	0.0	
								CONNECTING:				0:00		00:36	0.0	
INDICATORS LAST C						T		DUMPING:			0	0:00		07:11	0.0	
AVERAGE SPEED OF	DREDGE DUF	≀ING LO	ADING			FT/MIN	70	DISCONNECTIN	G:		0	0:00		00:20	0.0	
AVERAGE SPEED OF	DREDGE DUE	NG AG	ITATING			FT/MIN	70	TO CUT:			0	0:00		04:35	0.0	
AVERAGE OF EED OF	DIVERSE DOL		11711110			1 1/10/1114	0	TOTALS:			0	00:00		23:15	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	5,013	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:	0	0:00		00:00	0.0	
							936	TO AND FROM V ANCHORAGE:	NΗ	HARF OR	0	0:00		00:00	0.0	
		WOR	K PERFORM	ED				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:	0	0:00		00:00	0.0	
NO. OF LOADS	TOTAL CY		ING DISPOSAL	ΔΡΕΔ	4	AGITATINO TOTAL		LOSS DUE TO T	RA	AFFIC AND	0	0:00		00:00	0.0	
110.01 20/100	TOTALOT					10171		MINOR OPERAT	IN	G REPAIRS:	0	0:00		00:45	0.0	
4	3	2,150	Gaillard Isla	nd			0	TRANSFERRING	βВ	ETWEEN WORKS:	0	0:00		00:00	0.0	
								LAY TIME:			0	00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:	0	0:00		00:00	0.0	
ITEM		AIIE	NAME OR			H.P.	HOURS	MISCELLANEOU	JS:	:	0	0:00		00:00	0.0	
	.1	N4		NUMBER	`			TOTALS: 00:00 00:45					0.0			
Crew/Survey Vesse		Margai Speed				0	12:00 24:00	LOST TIME:	_			_				
Hopper Dredge			Edwards			0	24:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00:00			00:00	0.0	
Crew/Survey Vesse	el	Aggie				0	12:00	CESSATION:			00:00			00:00	0.0	
,	Avey vessel Aggie U 12:00			COLLISIONS:			0	0:00		00:00	0.0					
								TOTALS:			0	0:00		00:00	0.0	
							TOTAL TIME/MILES:			S:	0	0:00		24:00	0.0	

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

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 writting 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 D									DREDGE			PAGE N		Page 43 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		ile Harl	bor		CONTRACT Manson Co		R estruction Co.			REPORT NO. 51			
CHARACTER OF REPORT		X M	IAINTENAN	CE [	NEW	WORK							DATE 13 May	2017 - \$	Saturday	
	_		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:	_CY /	AVG UN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE S	SHIFTS F	PER DAY	DA	YS PER WEEK	
			IVIEIVIDERS			19	9	3	3				:	2	7	
LOCATIO	ON	LOCA	TION CHAI	INEL	REA	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		Y DEPO			TIVE AND QTY	
OF WORK		Mobi	le Bay		STA	4+00 - 32	+76		G	Saillard Island	GK	ROSS(CY 2	23,940	JEPO3II	FOR DA(CY) 417,466	
		AV	AVG LENGTH OF CUT 2,000 FT AVG WIDTH OF CUT 0 FT AVG							AVG DIS	IST TO DUMP 12 NM					
CHARACTE	R OF	DENSITY OF MATERIALS GMS/LI							IS/LITER	₹		1.25				
MATERIA	AL	, I							IS/LITER	R@	73	<u>8 °F</u>				
RIVER/TI		MIN 0 TIME 00:00 MAX 1 TIME 14:07 GAGE						GE LOC	ATION I	∕lobile R	iver State Dock					
STAG	E	MIN		0 ті	ME	00:00	XAM C	(	0	TIME 0	0:00 GA	GE DAT	UM N	ИLLW		
WEATHER CO	NDITION						WII									
		vvea		d Critica	il Delay	/	6	6 °F / 82 °F		10	14					
			DRAFT				DISTRIBUTION OF T				ION OF III	ON OF TIME AND MILES RUN				
FORWARD	LIGHT			LOAD	ED						AGITAT (MIN		DREDGE (MI		MILES RUN (NAUT MI)	
				1			28	EFFECTIVE WORKING TIME:								
AFT				5			27	PUMPING:				00:00		03:37	0.0	
		50		<u> </u>	00		21	TURNING:				00:00		01:36	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				00:00		04:59 00:41	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				00:00		05:58	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:			00:00		00:30	0.0	
							70	TO CUT:				00:00		06:39	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:				00:00		24:00	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,991	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL		TAKING ON FUE	L/	AND SUPPLIES:		00:00		00:00	0.0	
							1,248	TO AND FROM V ANCHORAGE:	ИН	HARF OR		00:00		00:00	0.0	
		WOR	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSA	ADEA		AGITATING TOTAL		LOSS DUE TO T	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPUSA	AKEA		TOTAL		MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0	
3	2	3,940	Gaillard Isla	nd			0	TRANSFERRING	ВВ	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT DRILLS:				00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA					MISCELLANEOU	JS:	:		00:00		00:00	0.0	
ITEM			NAME OF	NUMBE	K	H.P.	HOURS	TOTALS:				00:00		00:00	0.0	
Crew/Survey Vesse		Marga				0	12:00	LOST TIME:								
Crew/Survey Vesse Hopper Dredge	71	Speed	y ivi Edwards			0	00:00 24:00	MAJOR REPAIRS AND		AND	00:00		00:00	0.0		
Crew/Survey Vesse	el .	Aggie				0	12:00	OFFICE			00:00			00:00	0.0	
2.0, 34.10) 10336		9910					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									
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.							
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	51							
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 13 May 2017 - Saturday							

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 writting 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			PAGE N		Page 45 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLE		le Hart	oor		CONTRACT Manson Co		R estruction Co.			REPORT NO. 52			
CHARACTER OF REPORT		×ν	MAINTENANC	E 🗆	NEW \	WORK							DATE 14 May	2017 - 9	Sunday	
DDEDO	_		HOPPER C	AP:	13,00	<u>0_</u> CY	AVG	VOL OF BIN WA	ΑTE	ER:C	_CY /	AVG UN	FILLED (	CAP:	<u>0</u> _CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS	1	DRI	EDGE	0	THER PLANT		WORK SCHEDU	JLE S	SHIFTS F	PER DAY	DA	YS PER WEEK	
			MEMBERO			19	∌	3	3					2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		Y DEPO			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	4+00 - 32	+76		G	Saillard Island	GR	,	20,441	JEPOSII	437,907	
		AV	3 LENGTH	OF CUT	Γ <u>2</u> ,	,000_FT	AVG	WIDTH OF CU	JT_	0_F7	- Д	AVG DIS	G DIST TO DUMP12_NM			
CHARACTE	R OF	DENS	SITY OF MAT	ERIALS							GM	IS/LITER1.25				
MATERIA		DENS	SITY OF WA	ΓER					_	1_	GM	IS/LITER	R@	73	<u>8°F</u>	
RIVER/TI		MIN		O TIN	ИΕ	00:4	5 MAX	,	1	TIME 1	4:47 GA	GE LOC	ATION I	Vlobile R	iver State Dock	
STAG	E	MIN		0 TIN	ИΕ	00:00	XAM C	(	0	TIME 0	0:00 GA	GE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY		WIND				
		Wea	ther Caused	l No De	lay		6	4 °F / 87 °F		10	10					
			DRAFT					DISTRIBUTION OF TI				ON OF TIME AND MILES RUN				
FORWARD	LIGHT			LOADE	D						AGITAT (MIN		DREDGE (MI		MILES RUN (NAUT MI)	
			1	1			27	27 EFFECTIVE WORKING TIME:								
AFT			1	4			25	PUMPING:				00:00		06:22	0.0	
				'	20		20	TURNING: 0				00:00		01:00	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP: CONNECTING:				00:00		05:21 00:49	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				00:00		05:06	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:			00:00		00:22	0.0	
						FT 0.410.1	70	TO CUT:			00:00			04:38	0.0	
AVERAGE SPEED OF	DREDGE DUF	(ING AG	ITATING			FT/MIN	0	TOTALS:				00:00		23:38	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	5,037	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:		00:00		00:00	0.0	
							936	TO AND FROM V ANCHORAGE:	ΝH	HARF OR		00:00		00:00	0.0	
		WOR	K PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY		ING DISPOSAL	ADEA	-   -	AGITATINO TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CT		DISFOSAL			TOTAL		MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0	
3	2	0,441	Gaillard Isla	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITEM		AIIE	NAME OR			H.P.	HOURS	MISCELLANEOUS:				00:00		00:22	0.0	
	.1	Morgo		NOMBLI	`	0		TOTALS:				00:00		00:22	0.0	
Crew/Survey Vesse		Margai Speed				0	12:00 00:00	LOST TIME:								
Hopper Dredge			Edwards			0	24:00	MAJOR REPAIRS AND		AND		00:00		00:00	0.0	
Crew/Survey Vesse	el	Aggie				0	12:00	OF COATION!				00:00		00:00	0.0	
,								COLLISIONS:			00:00			00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MILES:				00:00		24:00	0.0	

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

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 allong 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 writting JSAs and conducting all work according to safety procedures.

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

QUALITY CONTROL REPORT-HOPPER									ER	DREDGE			PAGE N		Page 47 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001	1	TRACT TITLE		e Harb	or		CONTRACT Manson Co		R estruction Co.		REPORT NO. 53					
CHARACTER OF REPORT		ΧN	MAINTENANC	E $\square$	NEW V	VORK							DATE 15 May	2017 - N	Monday		
DDEDO	_		HOPPER CA	NP:	13,000	<u>)</u> CY	AVG	VOL OF BIN WA	ΛTΕ	ER:	_CY AV	/G UN	IFILLED (	CAP:	<u>0</u> _CY		
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS		DRE	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE SH	IFTS I	PER DAY	DA	YS PER WEEK		
			MEMBERS			19	9	3	3					2	7		
LOCATIO	ON	LOCA	ATION CHANI	<b>NEL</b>	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U					TIVE AND QTY		
OF WORK		Mobi	le Bay		STA	4+00 - 32	+76		G	Saillard Island	GRO	SS(C	19,467	DEPOSIT	FOR DA(CY) 457,374		
		AV	3 LENGTH	OF CUT	2,	000_FT	AVG	WIDTH OF CU	JT_	0_F1	- AV	G DI	DIST TO DUMP 12 NM				
CHARACTE	R OF	DENS	SITY OF MAT	ERIALS							GMS/	/LITEF	ITER1.25				
MATERIA	AL	DENS	SITY OF WAT	ER					_	1	GMS/	/LITEF	₹@	73	<u>8 °F</u>		
RIVER/TI		MIN		0 TIM	1E	00:45	5 MAX		1	TIME 1	4:47 GAGE	E LOC	CATION	Mobile R	tiver State Dock		
STAG	E	MIN		0 TIM	1E	00:00	) MAX	(	0	TIME 0	0:00 GAGI	E DAT	TUM	MLLW			
WEATHER CO	NDITION		THER				TEMP (min / max) VISIBILITY  66 °F / 89 °F 10				WIND	)					
		Wea	ther Caused	No Del	ay		6	6 °F / 89 °F <b>T</b>			9						
			DRAFT					DISTRIBUTION OF				E AND	MILES	₹UN			
FORWARD	LIGHT			LOADE	D						AGITATIN (MIN)	1G	DREDGE (M		MILES RUN (NAUT MI)		
			10	)			26	26 EFFECTIVE WORKING TIME:					•	-			
AFT			14	4			25	PUMPING:			0	0:00		04:13	0.0		
				•			25	TURNING:				0:00		01:00	0.0		
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				0:00		07:21	0.0		
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				0:00		00:39 05:10	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN		DISCONNECTING.	IG:			0:00		00:10	0.0		
							70	TO CUT:			00:00			05:13	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:			0	0:00		24:00	0.0		
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,510	NON-EFFECTIVE	ΕV	WORKING TIME:							
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:	0	0:00		00:00	0.0		
							1,248	TO AND FROM V ANCHORAGE:	ИН	HARF OR	0	0:00		00:00	0.0		
		WOR	K PERFORMI	£D				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:	0	0:00		00:00	0.0		
	DGING AND			^DE^	A	AGITATING		LOSS DUE TO T BRIDGES	RA	AFFIC AND	0	0:00		00:00	0.0		
NO. OF LOADS	TOTAL CY	S	DISPOSAL	AREA		TOTAL	CYS	MINOR OPERAT	IN	G REPAIRS:	0	0:00		00:00	0.0		
3	19	9,467	Gaillard Islar	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:	0	0:00		00:00	0.0		
			<u> </u>					LAY TIME:			0	0:00		00:00	0.0		
								FIRE AND BOAT	DI	RILLS:	0	0:00		00:00	0.0		
ITEM		AIIE	NAME OR		,	H.P.	HOURS	MISCELLANEOU	:	0	0:00		00:00	0.0			
Crew/Survey Vesse	N.	Margai		TOMBER	`	0	12:00	TOTALS:			0	0:00		00:00	0.0		
Hopper Dredge	71		Edwards			0	24:00	LOST TIME:									
Crew/Survey Vesse	el	Aggie				0	12:00	MAJOR REPAIRS AND		AND	00:00			00:00	0.0		
.,								2:00 ALTERATIONS:  CESSATION:					00:00			00:00	0.0
								COLLISIONS:			0	0:00		00:00	0.0		
								TOTALS:			0	0:00		00:00	0.0		
								TOTAL TIME/MILES:			0	0:00		24:00	0.0		

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

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 writting JSAs and conducting all work according to safety procedures.

 $\ensuremath{\mathsf{2}}$  crew members went ashore for crane physicals and USCG med cert physicals.

QUALITY CONTROL REPORT-HOPPER DREDGE										DREDGE			PAGE N	Э.	Page 49 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLI		le Hart	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 54				
CHARACTER OF REPORT		X N	IAINTENANO	E 🗆	NEW	WORK							DATE 16 May	2017 - 7	uesday	
DDEDO	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:C	_CY /	AVG UN	FILLED C	AP:	<u>0</u> CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE S	SHIFTS F	PER DAY	DA'	YS PER WEEK	
			MEMBERS			19	9	2	2				:	2	7	
LOCATIO	ON	LOCA	TION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		Y DEPO			TIVE AND QTY	
OF WORK		Mobi	le Bay		STA	4+00 - 32	±76		G	aillard Island		•	DEPOSIT FOR DA(CY) 19,937 477,311			
	AVG LENGTH OF CUT 2,000 FT AVG WIDTH OF CUT 0 FT AVG						AVG DIS	ST TO D	UMP	12NM						
CHARACTE	R OF	DENS	SITY OF MAT	ERIALS							GM	IS/LITER	R	1	.25	
MATERIA	AL	DENS	SITY OF WA	ΓER					_	1	GM	IS/LITER	R@	73	<u>B°F</u>	
	CTACE					GE LOC	ATION	∕lobile R	iver State Dock							
STAG						GE DAT	UM N	ИLLW								
WEATHER CO	/EATHER CONDITION   WEATHER   TEMP (min / max)   Weather Caused No Delay   66 °F / 86 °F				VISIBILITY	WIN	ND									
	DRAFT					0 7 / 80 7		9 DISTRIBUTE	4 ON OF TH	ME AND	MUESE					
								DISTRIBUTION OF TIME AND MILES RUN								
FORWARD	LIGHT			LOADE	D						AGITAT (MIN		DREDGE (MI		MILES RUN (NAUT MI)	
			1	0			26	6 EFFECTIVE WORKING TIME:								
AFT			1	4			25	PUMPING:			00:00		04:56	0.0		
DRAG DEPTH MA	ΑX	50	MIN	•	28			TURNING: TO DUMP:				00:00		01:00 05:24	0.0	
								CONNECTING:				00:00		00:50	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				00:00		06:10	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:			00:00		00:23	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				00:00		04:42	0.0	
							0	TOTALS: 00				00:00		23:25	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,783	NON-EFFECTIVE	E V	VORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL	4.000	TAKING ON FUE	L/	AND SUPPLIES:		00:00		00:00	0.0	
							1,092	TO AND FROM V ANCHORAGE:	ИН	IARF OR		00:00		00:00	0.0	
		WORI	K PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:		00:00		00:00	0.0	
	EDGING AND			ADEA		AGITATINO TOTAL		LOSS DUE TO T	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPOSAI	_ AREA		TOTAL		MINOR OPERAT	IN	G REPAIRS:		00:00		00:35	0.0	
3	1	9,937	Gaillard Isla	nd			0	TRANSFERRING	В	ETWEEN WORKS:		00:00		00:00	0.0	
					_			LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITEM		ATTE	NDANT PLA				HOUDO	MISCELLANEOU	JS:			00:00		00:00	0.0	
			NAME OR	NUMBE	· ·	H.P.	HOURS	TOTALS:				00:00		00:35	0.0	
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	el	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0	
2.2 3009 10000		-9910					00	CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MIL	ES	S:		00:00		24:00	0.0	

	PAGE NO. Page 50 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	54
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 16 May 2017 - Tuesday

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 dreding 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 writting JSAs and conducting all work according to safety procedures.

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

	TY CONT	DL REPORT-HOPPER DREDGE					PAGE NO. Page 51 of 86								
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Harb	oor		CONTRACT Manson Co		R struction Co.		REPORT NO. 55			
CHARACTER OF REPORT		X N	IAINTENANG	E 🗆	NEW \	WORK						DATE 17 May	v 2017 - \	Vednesday	
DREDG			HOPPER C	AP:	13,00	<u>0_</u> CY	AVG	VOL OF BIN WA	ΛTΕ	≣R:0	_CY AVG U			<u>0</u> _CY	
(Glenn Edw		N	O. OF CREV MEMBERS	<i>/</i>	DR	EDGE	0	THER PLANT		WORK SCHEDU	LE SHIFTS	PER DAY	/ DA	YS PER WEEK	
						20	o	2	2				2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	SE QTY DEF			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	32+76-50	+00		aillard Island	Jane 30 (	24,430 501,741				
	AVG LENGTH OF CUT 1,800 FT AV					AVG	/G WIDTH OF CUT0_FT AVG					DUMP	12NM		
	CHARACTER OF DENSITY OF MATERIALS									GMS/LITE	R		1.25		
MATERIA	MATERIAL DENSITY OF WATER								_	1_	GMS/LITE	R@	73	<u>} °F</u>	
	STAGE					S:51 GAGE LC	CATION	Mobile R	River State Dock						
STAG	STAGE MIN 0 TIME 00:00 MAX 0 TIME					0:00 GAGE DA	TUM	MLLW							
WEATHER CO	WEATHER CONDITION WEATHER						(min / max)		VISIBILITY	WIND					
	Weather Caused No Delay  DRAFT				6	6 °F / 86 °F		9	4	AND MILES RUN					
		DRAFI								DISTRIBUTI					
FORWARD	LIGHT					AGITATING (MIN)		E & HAUL (IN)	MILES RUN (NAUT MI)						
			1	0			26	6 EFFECTIVE WORKING TIME:							
AFT				4			25	PUMPING:			00:00	)	03:26	0.0	
				<u>                                    </u>	20		20	TURNING:			00:00		00:48	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:  CONNECTING:			00:00		05:22 00:59	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:			00:00	+	06:18	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTING	G:		00:00	+	00:24	0.0	
AVED 4 05 00550 05			17.171110				70	TO CUT:			00:00	)	05:43	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	0 TOTALS:			00:00	)	23:00	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,448	NON-EFFECTIVE	ΕV	VORKING TIME:		_			
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	L A	AND SUPPLIES:	00:00	)	00:00	0.0	
							936	TO AND FROM W ANCHORAGE:	۷Н	ARF OR	00:00		00:00	0.0	
		WORI	( PERFORM	ED				LOSS DUE TO N	AT	URAL ELEMENTS:	00:00	)	00:00	0.0	
NO. OF LOADS	TOTAL CY		ING DISPOSAI	ADEA	-	AGITATINO TOTAL		LOSS DUE TO TI BRIDGES	RA	FFIC AND	00:00	)	00:00	0.0	
NO. OF LOADS	TOTAL CT		DISFOSA			TOTAL		MINOR OPERAT	IN	G REPAIRS:	00:00		01:00	0.0	
4	2	4,430	Gaillard Isla	nd			0	TRANSFERRING	В	ETWEEN WORKS:	00:00	)	00:00	0.0	
								LAY TIME:			00:00	)	00:00	0.0	
								FIRE AND BOAT	DI	RILLS:	00:00		00:00	0.0	
ITEM		AIIE	NDANT PLA NAME OR			H.P.	HOURS	MISCELLANEOU	JS:		00:00		00:00	0.0	
	.1	14		NONBLI	`			TOTALS:			00:00		01:00	0.0	
Crew/Survey Vesse Hopper Dredge	el	Marga	ret M Edwards			0	12:00 24:00	LOST TIME:							
Crew/Survey Vesse	el	Aggie	Luwaius			0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00:00		00:00	0.0	
2.2 3009 10000		-9910						CESSATION:			00:00	)	00:00	0.0	
								COLLISIONS:			00:00	)	00:00	0.0	
								TOTALS:			00:00		00:00	0.0	
								TOTAL TIME/MIL	ES	S:	00:00	)	24:00	0.0	

	PAGE NO. Page 52 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	55
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 17 May 2017 - Wednesday

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**

QUALITY CONTROL REPORT-H									PAGE NO. Page 53 of 8					Page 53 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLI		le Hart	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 56			
CHARACTER OF REPORT		X M	IAINTENANO	E 🗆	NEW \	WORK							DATE 18 May 201	7 - 7	hursdav
22520	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:C	_CY AVG		-		<u>0</u> CY
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE SHIF	rs P	ER DAY	DA	S PER WEEK
			IVIEIVIDERS			20		2	2				2		7
LOCATIO	ON	LOCA	TION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY DE				TIVE AND QTY
OF WORK	OF   STA 32+76-50+00							Y) DEPOSIT FOR DA(CY) 19,684 521,425							
	AVG LENGTH OF CUT 1,800 FT AVG WIDTH OF CUT 0 FT AVG						DIS	T TO DUM	P	12NM					
CHARACTE	R OF	DENS	SITY OF MAT	ERIALS							GMS/LI	TER.		1	.25
MATERIA	AL	DENS	SITY OF WA	ΓER					_	1	GMS/LI	TER	@	73	<u>°F</u>
						OC/	ATION Mob	ile R	iver State Dock						
STAG							DATL	JM MLL	.W						
WEATHER CO	ATHER CONDITION WEATHER TEMP (min / max) VISIBILITY					WIND 10									
	Weather Caused No Delay  DRAFT				<u> </u>	0 °F / 80 °F		13.		AND	ND MILES RUN				
								1	AGITATING		DREDGE & H	A.I.I.	MILES RUN		
FORWARD	LIGHT			LOADE	D						(MIN)		(MIN)	AUL	(NAUT MI)
AFT			1	1			28	EFFECTIVE WORKING TIME:							
ALI			1	5			26				00:			:14	0.0
DRAG DEPTH MA	4X	50	MIN		28			TURNING: TO DUMP:			00:	-		:36	0.0
								CONNECTING:			00:	00	00	:54	0.0
INDICATORS LAST C						1		DUMPING:			00:	00	04	:33	0.0
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTING	G:		00:	00	00	:18	0.0
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:			00:		:16	0.0	
						1	0	TOTALS: 00:00 21:03					:03	0.0	
GALLONS OF FUEL C	OIL CONSUMEL	)				GAL	3,947	NON-EFFECTIVE	E <b>V</b>	VORKING TIME:				_	
GALLONS OF WATER	CONSUMED					GAL	1,248	TAKING ON FUE			00:	00	00	00:0	0.0
		won	( DEDECO!				1,240	TO AND FROM V ANCHORAGE:	NΗ	HARF OR	00:	00	00	00:0	0.0
		WOR	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00:	00	00	00:	0.0
NO. OF LOADS	TOTAL CY		ING DISPOSAI	ARFA	+	AGITATINO TOTAL		LOSS DUE TO TI BRIDGES	RA	AFFIC AND	00:	00	01	:29	0.0
110.01 20/100	101712011		DIOI 00/11					MINOR OPERAT	IN	G REPAIRS:	00:	00	01	:28	0.0
3	19	9,684	Gaillard Isla	nd			0	TRANSFERRING	В	ETWEEN WORKS:	00:	00	00	00:	0.0
								LAY TIME:			00:	00	00	:00	0.0
		ATTE	ND ANT DI A					FIRE AND BOAT	DI	RILLS:	00:	00	00	00:	0.0
ITEM		AIIE	NAME OR		R	H.P.	HOURS	MISCELLANEOU	JS:	:	00:	00	00	00:	0.0
	.1			NONBE		0		TOTALS:			00:	00	02	2:57	0.0
Crew/Survey Vesse Hopper Dredge	;1	Marga	Edwards			0	12:00 24:00	LOST TIME:							
Crew/Survey Vesse	el	Aggie				0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00:	00	00	00:	0.0
.,		- 55 -						CESSATION:			00:	00	00	00:	0.0
								COLLISIONS:			00:	00	00	00:	0.0
								TOTALS:			00:	00	00	:00	0.0
								TOTAL TIME/MIL	ES	S:	00:	00	24	:00	0.0

	QUALITY CONTROL REPORT-HOPPER DREDGE PAGE NO. Page 54 of 86										
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.								
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	56								
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 18 May 2017 - Thursday								

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 DRED										DREDGE			PAGE N		Page 55 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLE		e Harb	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 57				
CHARACTER OF REPORT		X M	IAINTENANC	E 🗆	NEW V	WORK							DATE 19 May	2017 - F	riday	
DDEDO	_		HOPPER C	\P:	13,00	<u>0_</u> CY	AVG	VOL OF BIN WA	ΑTΕ	ER:C	_CY A	VG UN			<u>0</u> CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS	'	DRI	EDGE	0	THER PLANT		WORK SCHEDU	JLE SH	IIFTS I	PER DAY	DA	YS PER WEEK	
			WEWBERO			20		2	2					2	7	
LOCATIO	ON	LOCA	TION CHAN	NEL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		DEPC			TIVE AND QTY	
OF WORK							•	Y) DEPOSIT FOR DA(CY) 15,852 537,277								
	AVG LENGTH OF CUT 3,742 FT AVG WIDTH OF CUT 0 FT AVG						/G DI	ST TO D	UMP	12NM						
CHARACTE								GMS	LITE	₹	1	.25				
MATERIA	AL	DENS	SITY OF WA	ER					_	1_	GMS	/LITEF	₹@	82	<u>? °F</u>	
	CTACE					E LOC	ATION I	√lobile R	iver State Dock							
STAG	MIN 0 TIME 00:00 MAX 0 TIME 00:00 GAG					E DAT	UM I	MLLW								
WEATHER CO	WEATHER Weather Caused No Delay  WEATHER  TEMP (min / max) VISIBILITY  78 °F / 87 °F  10					WINI 14	D									
		DRAFT						17071		-		E AND	ND MILES RUN			
FORWARD	LIGHT			LOADE	:D						AGITATII	NG	DREDGE		MILES RUN	
			1	1			28	8 EFFECTIVE WORKING TIME:			(MIN)		(MI	N)	(NAUT MI)	
AFT			<u> </u>								(	00:00		04:55	0.0	
			1	5			26	6			00:00		00:42	0.0		
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:			C	00:00		05:20	0.0	
INDICATORS LAST C	HECKED ON	04/22	/2017					CONNECTING:			(	00:00		00:49	0.0	
AVERAGE SPEED OF						FT/MIN		DUMPING:				00:00		04:35	0.0	
						,	70	DISCONNECTIN	G:			00:00		00:24	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TO CUT: TOTALS:				00:00		22:55	0.0	
GALLONS OF FUEL C	DIL CONSUMED	)				GAL		NON-EFFECTIVE	ΕV	VORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL	4,207	TAKING ON FUE	EL A	AND SUPPLIES:	(	00:00		00:00	0.0	
							936	TO AND FROM V ANCHORAGE:	NΗ	IARF OR	(	00:00		00:00	0.0	
		WOR	K PERFORM	ED					IAT	TURAL ELEMENTS:	(	00:00		00:00	0.0	
	DGING AND				,	AGITATING		LOSS DUE TO T	RA	AFFIC AND	(	00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPOSAL	AREA		TOTAL	CYS	BRIDGES  MINOR OPERAT	IN	G REPAIRS:	(	00:00		00:00	0.0	
3	1:	5,852	15852				0	TRANSFERRING	3 B	ETWEEN WORKS:	(	00:00		00:00	0.0	
								LAY TIME:			(	00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:	(	00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA					MISCELLANEOU	JS:		C	00:00		01:05	0.0	
ITEM			NAME OR	NUIVIDER	<u> </u>	H.P.	HOURS	TOTALS:			C	00:00		01:05	0.0	
Crew/Survey Vesse	el	Marga				0	12:00 24:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	el	Aggie	Edwards			0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	(	00:00		00:00	0.0	
2 2 2 2 10, 10000		.55.5					.2.00	CESSATION:			C	00:00		00:00	0.0	
								COLLISIONS:			C	00:00		00:00	0.0	
								TOTALS:			(	00:00		00:00	0.0	
								TOTAL TIME/MIL	LES	S:	(	00:00		24:00	0.0	

	PAGE NO. Page 56 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	57
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 19 May 2017 - Friday

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 writting JSAs and conducting all work according to safety procedures.

Discussed lockout tagout procedures aboard the Glenn.

QUALITY CONTROL REPORT-HOPPER DR										DREDGE		PAG	SE NO.	Page 57 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	bor		CONTRACT		PR Instruction Co.		REPORT NO. 58				
CHARACTER OF REPORT		X N	IAINTENAN	E 🗆	NEW \	WORK						DAT 20 I	E May 2017 - S	Saturday		
DDEDO	-		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	λTE	ER:	_CY AVG			<u>0</u> _CY		
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DR	EDGE	0.	THER PLANT		WORK SCHED	JLE SHIFT	S PER I	DAY DA	YS PER WEEK		
						20	0	2	2				2	7		
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA (	JSE QTY DE GROSS		OSITED CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
OF WORK		Mobi	le Bay		STA	105+54-1	46+00		G	Saillard Island		. ,	18,719 555,996			
		AV	G LENGTH	OF CU	Γ <u>4</u> ,	<u>,046</u> FT	AVG	WIDTH OF CU	JT <sub>-</sub>	0_F	AVG	DIST T	O DUMP	12NM		
CHARACTE								GMS/LI	ER	1	1.25					
MATERIA	AL	DENS	SITY OF WA	ΓER					_	1_	GMS/LI	ER@_	82	<u>2 °F</u>		
	CTACE					OCATIO	N Mobile R	River State Dock								
STAG							ATUM	MLLW								
WEATHER CO	HER CONDITION WEATHER Weather Caused No Delay TEMP (min / max) VISIBILITY 78 °F / 87 °F 10					WIND 14										
	DRAFT					,	1				ND MIL	ND MILES RUN				
FORWARD	LIGHT			LOADE	ĒD.			AG			AGITATING	DRE	EDGE & HAUL	MILES RUN		
			1	1			28	8 EFFECTIVE WORKING TIME:			(MIN)		(MIN)	(NAUT MI)		
AFT								ETT ESTIVE WORKSING TIME.			00:0	00	06:26	0.0		
			1	5			26	3			00:0		00:42	0.0		
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:			00:0	00	05:41	0.0		
INDICATORS LAST C	HECKED ON	04/22	/2017					CONNECTING:			00:0	00	00:34	0.0		
AVERAGE SPEED OF						FT/MIN		DUMPING:			00:0		04:27	0.0		
7.VEI.V.OE 0. EED 01	DIVERSE DOI	1110 20	7.5.110			171011111	70		IG:		00:0	_	00:23	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	_	TO CUT:			00:0	_	03:44 21:57	0.0		
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	0	TOTALS:	F V	NOBKING TIME:			21.07	0.0		
							4,623				00:0	10	00:00	0.0		
GALLONS OF WATER	CONSUMED					GAL	1,248	TO AND FROM V			00:0		00:00	0.0		
		WORI	( PERFORM	ED				ANCHORAGE:		TURAL ELEMENTS:	00:0		00:00	0.0		
DRE	EDGING AND	) HAUL	ING			AGITATING	3	LOSS DUE TO N			00:0		00:00	0.0		
NO. OF LOADS	TOTAL CY	S	DISPOSA	AREA		TOTAL	CYS	BRIDGES			00:0		00:00	0.0		
3	18	8,719	Gaillard Isla	ind			0	TRANSFERRING		BETWEEN WORKS:	00:0		00:00	0.0		
								LAY TIME:		ZETWEEN WORKS.	00:0		00:00	0.0		
								FIRE AND BOAT	DI	RILLS:	00:0	00	02:03	0.0		
		ATTE	NDANT PLA	NT				MISCELLANEOU	JS:	:	00:0	00	00:00	0.0		
ITEM			NAME OR	NUMBE	R	H.P.	HOURS	TOTALS:			00:0	00	02:03	0.0		
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	<u></u>	Glenn	Edwards			0	24:00 12:00	MAJOR REPAIR: ALTERATIONS:	S A	AND	00:0	00	00:00	0.0		
Olew/Oulvey vesse	<i>,</i> 1	raggie					12.00	CESSATION:			00:0	00	00:00	0.0		
								COLLISIONS:			00:0	00	00:00	0.0		
								TOTALS:			00:0	00	00:00	0.0		
								TOTAL TIME/MIL	LES	S:	00:0	00	24:00	0.0		

	PAGE NO. Page 58 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	58
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 20 May 2017 - Saturday

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 writting JSAs and conducting all work according to safety procedures.

Discussed lockout tagout procedures aboard the Glenn.

QUALITY CONTROL REPORT-HO										DREDGE			PAGE N		Page 59 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		oile Ha	arbor		CONTRACT		R estruction Co.			REPORT NO. 59			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	NEW	V WORK							DATE 21 May	2017 - 9	Sunday	
	_		HOPPER C	CAP:	13,0	000_CY	AVG	VOL OF BIN WA	λΤE	ER:0	_CY	AVG UN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CRE\	V	D	REDGE	0	THER PLANT		WORK SCHEDU	JLE	SHIFTS F	PER DAY	DA	YS PER WEEK	
			INICINIDERS			20	)	2	2					2	7	
LOCATIO	ON .	LOCA	TION CHAI	NEL	RE	ACH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		TY DEPC			TIVE AND QTY	
OF WORK	F   STA 105+54-146+00   `						,	Y) DEPOSIT FOR DA(CY) 17,894 573,890								
	AVG LENGTH OF CUT4,046FT AVG WIDTH OF CUT0_FT AVG E						AVG DIS	ST TO D	UMP	12NM						
CHARACTE	R OF	DENS	SITY OF MA	TERIAL	S						G	MS/LITER	₹		.25	
MATERIA		DENS	SITY OF WA	TER					_	1_	G	MS/LITER	R@	82	<u>!°F</u>	
RIVER/TI						AGE LOC	ATION I	√lobile R	iver State Dock							
STAG	E	MIN 0 TIME 20:26 MAX 0 TIME 00:00 GAGE				AGE DAT	UM I	MLLW								
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY		/IND				
		Weather Caused No Delay 71 °F / 77 °F 10				9										
		DRAFT DI						DISTRIBUT	ION OF T	TIME AND	MILES	UN				
FORWARD	LIGHT			LOA	DED							ATING IIN)	DREDGE (MI		MILES RUN (NAUT MI)	
				11			27	EFFECTIVE WORKING TIME:			-	-		-		
AFT				15			26				00:00		05:44	0.0		
				13			20	TURNING: 00:0				00:00		00:36	0.0	
DRAG DEPTH MA	AX	50	MIN		_28			TO DUMP:				00:00		04:31	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING:				00:00		00:59 05:41	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN		DUMPING: DISCONNECTIN	ıG.			00:00		00:31	0.0	
							70	TO CUT:				00:00		05:58	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:				00:00		24:00	0.0	
GALLONS OF FUEL C	OIL CONSUME	)				GAL	4,781	NON-EFFECTIVI	ΕV	WORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL	, -	TAKING ON FUE	EL /	AND SUPPLIES:		00:00		00:00	0.0	
							1,404	TO AND FROM N ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0	
		WORI	( PERFORI	IED				LOSS DUE TO N	IAI	ΓURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSA	1 ADEA		AGITATING TOTAL		LOSS DUE TO T	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPUSA	LAKEA		TOTAL	. 015	MINOR OPERAT	ΓIN	G REPAIRS:		00:00		00:00	0.0	
4	1	7,894	Gaillard Isla	and			0	TRANSFERRING	3 B	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA					MISCELLANEOU	JS:	:		00:00		00:00	0.0	
ITEM			NAME OF	NUMB	=R	H.P.	HOURS	TOTALS:				00:00		00:00	0.0	
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	jl	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIR: ALTERATIONS:	S A	AND		00:00		00:00	0.0	
2.0, 50.110, 10336		9910				1 1	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/MIL	LES	S:		00:00		24:00	0.0	

	PAGE NO. Page 60 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	59
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		DATE 21 May 2017 - Sunday

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

QUALITY CONTROL RE								DL REPORT-HOPPER DREDGE					PAGE NO. Page 61 of 86			
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	oor		CONTRACT Manson Co		R nstruction Co.			REPORT NO. 60			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	NEW \	WORK							DATE 22 May	2017 - N	Monday	
DREDG	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY	AVG UN	IFILLED C	AP:	<u>0</u> CY	
(Glenn Edw		N	O. OF CREV	v	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE	SHIFTS F	PER DAY	DA'	YS PER WEEK	
			WEWBERG			20	0	2	2				2	2	7	
LOCATIO	ON	LOCA	ATION CHAN	INEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		TY DEPO			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		1	105+54-1 +00-186+0		ind STA	G	Saillard Island		•	22,759 596,649			
		AV	G LENGTH	OF CU	Γ4,	<u>,000</u> FT	AVG '	WIDTH OF CU	JT_	0_FT	-	AVG DIS	ST TO D	JMP	12NM	
CHARACTE		DENS	SITY OF MA	TERIALS							GI	MS/LITER	₹	1	1.25	
MATERIA	AL	DENS	SITY OF WA	TER					_	1_	GI	MS/LITER	₹@	80	<u>) °F</u>	
RIVER/TI STAG		MIN		0 ті		04:23	3 MAX	(	0	TIME 0	0:30 G/	AGE LOC	ATION N	/lobile R	iver State Dock	
STAG		MIN	TUED.	0 TI	ME	20:3	_				AGE DAT	UM N	ИLLW			
WEATHER CO	NDITION		THER ther Cause	d No De	lav			P (min / max)   VISIBILITY   WIND   88 °F / 81 °F   10   3								
		vvca	DRAFT	J NO DO	шу			08 °F / 81 °F   10   3								
FORWARD	LIGHT			LOAD	ED.			AGITATIN					DREDGE		MILES RUN	
			,	1			27	7 EFFECTIVE WORKING TIME:			IN)	(MII	1)	(NAUT MI)		
AFT								ETTEOTIVE WORKING TIME.				00:00		05:07	0.0	
			•	4			25	5			00:00		00:48	0.0		
DRAG DEPTH M.	AX	50	MIN		28			TO DUMP:				00:00		06:21	0.0	
INDICATORS LAST C	HECKED ON	04/22	/2017					CONNECTING:				00:00		00:59	0.0	
AVERAGE SPEED OF						FT/MIN		DUMPING:				00:00		05:45	0.0	
7.VEI.V.OE 01 EED 01	DIVERGE DOI	1110 20	7151110				70	DISCONNECTIN	G:			00:00		00:27	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				00:00		04:33 24:00	0.0	
GALLONS OF FUEL C	DIL CONSUME	)				GAL	0	TOTALS:	E W	MODKING TIME.		00.00		24.00	0.0	
							3,732					00:00		00:00	0.0	
GALLONS OF WATER	RCONSUMED					GAL	1,248	TAKING ON FUE								
		WORI	K PERFORM	ED				ANCHORAGE:				00:00		00:00	0.0	
DRF	EDGING AND	HALII	ING			AGITATINO	3			TURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY		DISPOSA	AREA		TOTAL		LOSS DUE TO T BRIDGES	KA	AFFIC AND		00:00		00:00	0.0	
								MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0	
4	2	2,759	Gaillard Isla	ind			0	TRANSFERRING	3 B	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
		ATTE	NDANT PLA	NT				FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITEM		71112	NAME OR		R	H.P.	HOURS	MISCELLANEOU	JS:	:		00:00		00:00	0.0	
Crew/Survey Vesse	el	Marga	ret M			0	12:00	TOTALS:				00:00		00:00	0.0	
Hopper Dredge			Edwards			0	24:00	LOST TIME:								
Crew/Survey Vesse	el	Aggie				0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0	
								CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
			_					TOTAL TIME/MIL	LES	S:		00:00		24:00	0.0	

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

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**

QUALITY CONTROL REPORT-HOP									ER	DREDGE		PAGE N		Page 63 of 86		
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001	1	TRACT TITLE		e Harb	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 61				
CHARACTER OF REPORT		XΝ	MAINTENANC	E 🗆	NEW V	NORK						DATE 23 May	y 2017 - T	Tuesday		
	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVG L	-		O_CY		
<b>DREDG</b> (Glenn Edw		N	O. OF CREW MEMBERS	,	DRE	EDGE	0	THER PLANT		WORK SCHEDU	JLE SHIFTS	PER DAY	/ DA	YS PER WEEK		
			IVIEIVIDERS			20		2	2				2	7		
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U				TIVE AND QTY FOR DA(CY)		
OF WORK		Mobi	le Bay		STA	146+00-1	86+00		G	Saillard Island	GROSS(	20,905	DEPOSIT	617,554		
		AVO	G LENGTH	OF CUT	4,	.000_FT	T AVG WIDTH OF CUT 0_FT AVG I					IST TO E	IST TO DUMP12_NM			
CHARACTE	R OF	DENSITY OF MATERIALS GMS/LIT						R		1.25						
MATERIA	AL							GMS/LITI	R@	80	<u>) °F</u>					
RIVER/TI		MIN		O TIN	1E	21:18	В МАХ	,	1	TIME 1	1:39 GAGE LO	CATION	Mobile R	iver State Dock		
STAG	E	MIN		0 TIN	ΛE	00:00	XAM C	(	0		0:00 GAGE DA	TUM	MLLW			
WEATHER CO	NDITION		THER	d Na Dal				P (min / max)				WIND				
		vveat	ther Caused	I NO Del	ay		/	2 °F / 84 °F			<u> </u>					
			DRAFT							DISTRIBUTI		OF TIME AND MILES RUN				
FORWARD	LIGHT			LOADE	D						AGITATING (MIN)		E & HAUL IIN)	MILES RUN (NAUT MI)		
			1	1			27	EFFECTIVE WORKING TIME:								
AFT			1	4			25	PUMPING:			00:00	)	04:58	0.0		
				'	20		20	TURNING:			00:00		01:18	0.0		
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP: CONNECTING:			00:00		05:34 00:40	0.0		
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:			00:00	+	05:34	0.0		
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:		00:00	+	00:33	0.0		
						FT 0 400 I	70	TO CUT:			00:00	)	05:23	0.0		
AVERAGE SPEED OF	DREDGE DUF	ING AG	ITATING			FT/MIN	0	TOTALS:			00:00	)	24:00	0.0		
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,486	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:	00:00	)	00:00	0.0		
							1,248	TO AND FROM V ANCHORAGE:	ΝH	HARF OR	00:00		00:00	0.0		
		WORK	K PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00:00		00:00	0.0		
NO. OF LOADS	TOTAL CY		ING DISPOSAL	ADEA	,	AGITATING TOTAL		LOSS DUE TO T	RA	AFFIC AND	00:00	)	00:00	0.0		
NO. OF LOADS	TOTAL CT		DISFOSAL					MINOR OPERAT	IN	G REPAIRS:	00:00		00:00	0.0		
4	20	0,905	Gaillard Isla	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:	00:00		00:00	0.0		
								LAY TIME:			00:00	)	00:00	0.0		
								FIRE AND BOAT	DI	RILLS:	00:00	)	00:00	0.0		
ITEM		AIIE	NAME OR		<b>)</b>	H.P.	HOURS	MISCELLANEOUS:			00:00	)	00:00	0.0		
	.1	Mores		NOMBER	`	0		TOTALS:			00:00	)	00:00	0.0		
Crew/Survey Vesse Hopper Dredge	71	Margai	Edwards			0	12:00 24:00	LOST TIME:								
Crew/Survey Vesse	el	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/MIL	LES	S:	00:00	)	24:00	0.0		

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

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**

QUALITY CONTROL REPO									OL REPORT-HOPPER DREDGE PAGE NO. Page 65 of				Page 65 of 86			
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		bile F	Harbor		CONTRACT		PR Instruction Co.		REPORT NO. 62				
CHARACTER OF REPORT		X N	IAINTENAN	CE [	] NE	W WORK							DATE 24 May	2017 - \	Vednesday	
	_		HOPPER (	CAP:	13	3,000_CY	AVG	VOL OF BIN WA	ΑTE	ER: 0	_CY AV	G UN	•		O_CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CRE'	W		DREDGE	0	THER PLANT		WORK SCHEDU	JLE SHII	FTS	PER DAY	DA	YS PER WEEK	
			WEWBERO			20		2	2				2	2	7	
LOCATIO	ON	LOCA	ATION CHAI	NNEL	R	EACH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U	JSE QTY I				TIVE AND QTY FOR DA(CY)	
OF WORK	ζ	Mobi	le Bay		S	STA 146+00-1	86+00		G	Saillard Island	00	•	21,990 639,544			
		AV	G LENGTH	OF C	UT	4,000_FT	AVG	WIDTH OF CU	JT <sub>.</sub>	<u>0</u> F1	AVO	G DI	ST TO D	JMP	12NM	
CHARACTE		DENS	SITY OF MA	TERIAL	.S						GMS/I	LITE	₹	1	1.25	
MATERIA	AL	DENS	SITY OF WA	TER					_	1_	GMS/I	LITEI	₹@	80	<u>) °F</u>	
RIVER/TI		MIN			TIME	22:07	7 MAX					LOC	CATION N	/lobile R	tiver State Dock	
STAG	=	MIN		0	TIME	00:00		0 TIME 00:00 GAGE				TUM N	/ILLW			
WEATHER CO	NDITION		THER ther Cause	od No F	Nolov			EMP (min / max) VISIBILITY WIND								
		vvea	DRAFT	JU INO L	Jelay			64 °F / 79 °F   10   5   5   DISTRIBUTION OF TIM				TIME AND MILES RUN				
FORWARD	LIGHT			LOA	DED			AGITAT				G	DREDGE	& HAUL	MILES RUN	
TOKWARD	LIGITI			11			27				(MIN)		(MII	۷)	(NAUT MI)	
AFT				-				ETTEOTIVE WORKING TIME.			00	0:00	1	06:03	0.0	
				14			25	PUMPING: TURNING:				0:00		00:36	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				0:00		04:48	0.0	
		04/22	/2017					CONNECTING:			00	0:00		01:29	0.0	
INDICATORS LAST C						ET/AUNI		DUMPING:			00	0:00		04:53	0.0	
AVERAGE SPEED OF	DREDGE DUF	KING LO	ADING			FT/MIN	70	DISCONNECTIN	IG:			0:00		00:30	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:				0:00		04:21	0.0	
GALLONS OF FUEL O	DII CONSUMER	<u> </u>				GAL	0				00	0:00		22:40	0.0	
							4,526						1			
GALLONS OF WATER	CONSUMED					GAL	1,404	TAKING ON FUE				0:00		00:00	0.0	
		WOR	( PERFORI	/IED			.,	ANCHORAGE:	VVH	IARF OR	00	0:00		00:00	0.0	
				NED.				LOSS DUE TO N	TAI	TURAL ELEMENTS:	00	0:00		00:00	0.0	
NO. OF LOADS	TOTAL CY		DISPOSA	L AREA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AGITATING		LOSS DUE TO T BRIDGES	RA	AFFIC AND	00	0:00		00:20	0.0	
								MINOR OPERAT	ΓIN	G REPAIRS:	00	0:00		00:00	0.0	
3	2	1,990	Gaillard Isl	and			0	TRANSFERRING	3 В	ETWEEN WORKS:	00	0:00		00:00	0.0	
								LAY TIME:			00	0:00		00:00	0.0	
		ATTE	NDANT PLA	ANIT				FIRE AND BOAT	DI	RILLS:	00	0:00		01:00	0.0	
ITEM		AIIE	NAME OF		FR	H.P.	HOURS	MISCELLANEOUS:			00	0:00		00:00	0.0	
Crew/Survey Vesse	<b>.</b>	Marga		( NOIVIE		0	12:00	TOTALS:			00	0:00		01:20	0.0	
Hopper Dredge	71		Edwards			0	24:00	LOST TIME:								
Crew/Survey Vesse	el	Aggie				0	12:00	MAJOR REPAIR	S A	AND	00	0:00		00:00	0.0	
.,		- 55 -						CESSATION:			00	0:00		00:00	0.0	
								COLLISIONS:			00	0:00		00:00	0.0	
								TOTALS:			00	0:00		00:00	0.0	
								TOTAL TIME/MILES:			00	0:00		24:00	0.0	

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

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**

	L REPORT-HOPPER DREDGE				PAGE NO. Page 67 of 86										
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001	1	TRACT TITLE		e Harb	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 63			
CHARACTER OF REPORT		ΧN	MAINTENANC	E 🗆	NEW V	NORK							DATE 25 May	2017 - 7	「hursday
DREDG	_		HOPPER CA	۹P:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVO	3 UN	•		<u>0</u> CY
(Glenn Edw		N	O. OF CREW MEMBERS	,	DRE	EDGE	0	THER PLANT		WORK SCHEDU	JLE SHIF	TS	PER DAY	DA'	YS PER WEEK
			MEMBERO			20		2	2				2	2	7
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAC	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY D GROS				TIVE AND QTY FOR DA(CY)
OF WORK		Mobi	le Bay		STA	112+00-1	86+00		G	Saillard Island	GROO	•	36,800	7E1 0011	676,344
		AV	G LENGTH OF CUT 7,400 FT AVG WIDTH OF CUT 0 FT AVG D						) DI	ST TO D	JMP	12NM			
CHARACTE		DENS	SITY OF MAT	ERIALS							GMS/L	ITE	₹	1	.25
MATERIA	AL	DENS	SITY OF WAT	ER					_	1	GMS/L	ITE	₹@	80	<u>) °F</u>
RIVER/TI		MIN		0 TIM	1E	23:03	23:03 MAX 1 TIME 12:10 GAGE				LOC	CATION N	<u>/lobile R</u>	iver State Dock	
STAG	E	MIN		0 TIM	ΛE	00:00	) MAX	(	0		0:00 GAGE	DAT	rum N	/ILLW	
WEATHER CO	NDITION		THER	IN D.I				IP (min / max)			WIND				
		wea	ther Caused DRAFT	No Del	ay		6					ON OF TIME AND MILES RUN			
			DRAFI					DISTRIBUTION OF TIM				N OF TIME AND MILES RUN			
FORWARD	LIGHT			LOADE	D			(N			AGITATING (MIN)	}	DREDGE (MII		MILES RUN (NAUT MI)
			1	1			27	EFFECTIVE WORKING TIME:							
AFT			1.	4			25	PUMPING:			00	:00		06:47	0.0
DRAG DEPTH M	ΑX	50	MIN	•	28			TURNING: TO DUMP:				:00		01:03 04:21	0.0
								CONNECTING:				:00		00:57	0.0
INDICATORS LAST C								DUMPING:			00	:00		05:13	0.0
AVERAGE SPEED OF	DREDGE DUF	≀ING LO	ADING			FT/MIN	70	DISCONNECTIN	G:		00	:00		00:46	0.0
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN		TO CUT:			00	:00		04:53	0.0
							0	TOTALS:			00	:00		24:00	0.0
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,634	NON-EFFECTIVE	E V	VORKING TIME:			1		
GALLONS OF WATER	CONSUMED					GAL	1,092	TAKING ON FUE			00	:00		00:00	0.0
							1,092	TO AND FROM V ANCHORAGE:	NΗ	HARF OR	00	:00		00:00	0.0
		WOR	K PERFORM	<u>-D</u>				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00	:00		00:00	0.0
NO. OF LOADS	DGING AND		ING DISPOSAL	ARFA	,	AGITATING TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND	00	:00		00:00	0.0
								MINOR OPERAT	IN	G REPAIRS:	00	:00		00:00	0.0
4	30	6,800	Gaillard Isla	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:	00	:00		00:00	0.0
								LAY TIME:			00	:00		00:00	0.0
			ND ANT DI A					FIRE AND BOAT DRILLS:			00	:00		00:00	0.0
ITEM		AIIE	NAME OR		,	H.P.	HOURS	MISCELLANEOUS:			00	:00		00:00	0.0
	N.	Morgo		TONBET	`	0		TOTALS:			00	:00		00:00	0.0
Crew/Survey Vesse Hopper Dredge	·1	Marga	Edwards			0	24:00	2:00 LOST TIME:							
Crew/Survey Vesse	el	Aggie				0	12:00	MAJOR REPAIRS AND			00	:00		00:00	0.0
-								CESSATION:			00	:00		00:00	0.0
								COLLISIONS:			00	:00		00:00	0.0
								TOTALS:			00	:00		00:00	0.0
								TOTAL TIME/MIL	LES	S:	00	:00		24:00	0.0

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

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

QUALITY CONTROL REPORT-HOPPER D									DREDGE			PAGE N	Э.	Page 69 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	oor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 64			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	NEW	WORK							DATE 26 May	2017 - [	-riday
DDEDO	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AV	G UN	IFILLED C	;AP:	<u>0</u> _CY
<b>DREDG</b> (Glenn Edw		N	O. OF CREV	v	DR	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE SHI	FTS	PER DAY	DA	YS PER WEEK
			IVIEIVIDERS			20		2	2				:	2	7
LOCATIO	ON	LOCA	ATION CHAI	INEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U					TIVE AND QTY
OF WORK		Mobi	le Bay		STA	146+00-2	26+00		G	aillard Island	GROS	•	32,112	JEPOSII	708,456
		AV	G LENGTH	OF CU	Γ <u>8</u>	8,000 FT AVG WIDTH OF CUT 0 FT AVG D					G DI	IST TO DUMP12_NM			
CHARACTE	R OF	DENSITY OF MATERIALS GMS/LITE						LITE	₹	1	1.25				
MATERIA	AL	DENS	SITY OF WA	TER					_	1_	GMS/	LITE	₹@	80	<u>) °F</u>
RIVER/TI		MIN		0 ті	ИΕ	00:00	XAM C	,	1	TIME 1	2:49 GAGE	LOC	CATION I	√lobile R	tiver State Dock
STAG	E	MIN		0 ті	ИΕ	00:00	XAM C	(	0	TIME 0	0:00 GAGE	DAT	TUM N	MLLW	
WEATHER CO	NDITION		THER	IN. D.				P (min / max)   VISIBILITY   WII 66 °F / 82 °F   10   6				WIND			
		wea	ther Cause	a No De	iay		6				ON OF TIME AND MILES RUN				
			DRAFT	_				DISTRIBUTION OF TI							
FORWARD	LIGHT			LOAD	D						AGITATIN (MIN)	G	DREDGE (MI		MILES RUN (NAUT MI)
				0			26	effective working time:							
AFT				5			24	PUMPING:				0:00		06:54	0.0
DRAG DEPTH MA	ΑX	50	MIN	<u> </u>	28			TURNING: TO DUMP:				0:00		00:43 04:45	0.0
DRAG DEFTIT W			IVIIIV					CONNECTING:				0:00		01:06	0.0
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				0:00		05:27	0.0
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTIN	G:		00	0:00		00:31	0.0
AVERAGE SPEED OF	DREDGE DUE	NING AG	ITATING			FT/MIN	70	TO CUT:			00	0:00		04:34	0.0
AVERAGE OF EED OF	DREDGE DOI	WO AC	ITATINO			1 1/10/1114	0	TOTALS:			00	0:00		24:00	0.0
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,565	NON-EFFECTIVE	ΕV	VORKING TIME:			1		
GALLONS OF WATER	CONSUMED					GAL	1 0 10	TAKING ON FUE	EL A	AND SUPPLIES:	00	0:00		00:00	0.0
							1,248	TO AND FROM V ANCHORAGE:	ΝH	IARF OR	00	0:00		00:00	0.0
		WORI	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00	0:00		00:00	0.0
	DGING AND			ADEA		AGITATINO TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND	00	0:00		00:00	0.0
NO. OF LOADS	TOTAL CY	S	DISPOSA	LAKEA	_	TOTAL	LCYS	MINOR OPERAT	IN	G REPAIRS:	00	0:00		00:00	0.0
4	3	2,112	Gaillard Isla	ınd			0	TRANSFERRING	3 B	ETWEEN WORKS:	00	0:00		00:00	0.0
								LAY TIME:			00	0:00		00:00	0.0
								FIRE AND BOAT	DI	RILLS:	00	0:00		00:00	0.0
ITEM		AIIE	NAME OR		D	H.P.	HOURS	MISCELLANEOUS:			00	0:00		00:00	0.0
	.1	14		NONDL		0		TOTALS:			00	0:00		00:00	0.0
Crew/Survey Vesse Hopper Dredge	;I	Marga	Edwards			0	12:00 24:00	LOST TIME:							
Crew/Survey Vesse	el	Aggie				0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00	0:00		00:00	0.0
.,		- 55 -						CESSATION:			00	0:00		00:00	0.0
								COLLISIONS:			00	0:00		00:00	0.0
								TOTALS:			00	0:00		00:00	0.0
								TOTAL TIME/MILES:			00	0:00		24:00	0.0

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

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

QUALITY CONTROL F								OL REPORT-HOPPER DREDGE					PAGE NO. Page 71 of 86			
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLE		le Hart	bor		CONTRACT Manson Co		R estruction Co.		REPORT NO. 65				
CHARACTER OF REPORT		X N	1AINTENANC	E 🗆	NEW	WORK							DATE 27 Mav	2017 - \$	Saturday	
22520			HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY A	VG UN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE SI	HIFTS F	PER DAY	DA	YS PER WEEK	
			IVIEIVIDERS			20		2	2					2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		Y DEPC			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	186+00-2	26+00		G	aillard Island	GR	•	28,032	JEPOSII	736,488	
		AV	G LENGTH	OF CU	Γ4	<u>,000</u> FT	AVG	AVG WIDTH OF CUT0_FT AVG					IST TO DUMP12_NM			
CHARACTE		DENSITY OF MATERIALS GMS/LIT						S/LITEF	₹	1	.25					
MATERIA	AL	DENS	SITY OF WA	ΓER					_	1	GMS	S/LITEF	₹@	73	<u>8°F</u>	
RIVER/TI		MIN		0 TII	ИΕ	00:0	7 MAX		2	TIME 1	3:34 GAC	GE LOC	ATION I	√lobile R	iver State Dock	
STAG	E	MIN		0 TII	ИΕ	00:00	XAM C	(	0	TIME 0	0:00 GAC	GE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER								WIN	ID				
		Wea	ther Cause	No De	lay		7				5					
			DRAFT					DISTRIBUTION OF T				N OF TIME AND MILES RUN				
FORWARD	LIGHT			LOADE	D			AG			AGITAT (MIN		DREDGE (MI		MILES RUN (NAUT MI)	
			1	0			26	effective working time:								
AFT			1	5			24	PUMPING:				00:00		07:14	0.0	
				<u> </u>	20		24	TURNING:				00:00		01:07	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				00:00		04:14	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				00:00		05:16	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	7.0	DISCONNECTING	IG:			00:00		00:34	0.0	
						<u> </u>	70	TO CUT:				00:00		04:38	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:				00:00		24:00	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,612	NON-EFFECTIVE	ΕV	VORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:		00:00		00:00	0.0	
							1,248	TO AND FROM V ANCHORAGE:	ΝH	IARF OR		00:00		00:00	0.0	
		WORI	K PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSAL	ADEA		AGITATINO TOTAL		LOSS DUE TO THE	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPOSAL	AREA		TOTAL		MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0	
4	2	8,032	Gaillard Isla	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:		00:00		00:00	0.0	
					_			LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA					MISCELLANEOUS:				00:00		00:00	0.0	
ITEM			NAME OR	NUMBE	۲	H.P.	HOURS	TOTALS:				00:00		00:00	0.0	
Crew/Survey Vesse	91	Marga				0	12:00 24:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	el	Aggie	Edwards			0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0	
2.2 3009 10000		-9910						CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MIL	LES	S:		00:00		24:00	0.0	

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

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 writting 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.

				(	QUALI	TY CONT	ROL RE	PORT-HOPPE	ER	DREDGE			PAGE N		Page 73 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Harb	oor		CONTRACT		PR Instruction Co.			REPORT NO. 66			
CHARACTER OF REPORT		X M	1AINTENAN(	E 🗆	NEW \	WORK							DATE 28 May	2017 - §	Sundav	
22520			HOPPER C	AP:	13,00	<u>0_</u> CY	AVG	VOL OF BIN WA	ΛTΕ	ER:C	_CY	AVG UN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE \$	SHIFTS F	PER DAY	DA'	YS PER WEEK	
			IVIEIVIDERS			20		2	2				:	2	7	
LOCATIO	ON	LOCA	ATION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U		TY DEPO			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	186+00-2	26+00		G	Saillard Island	Gr	,	27,760	JEPO311	764,248	
		AV	G LENGTH	LENGTH OF CUT0_FT AVG WIDTH OF CUT0_FT AVG I						AVG DIS	ST TO D	UMP	12NM			
CHARACTE	R OF	DENSITY OF MATERIALS									GN	//S/LITER	₹	1	.25	
MATERIA		DENSITY OF WATER							_	1_	G۱	/IS/LITER	R@	73	<u> </u>	
RIVER/TI		MIN		0 ти	ИΕ	01:13	3 MAX	2	2	TIME 1	4:22 GA	AGE LOC	ATION	∕lobile R	iver State Dock	
STAG	E	MIN		0 TII	ИΕ	00:00	XAM C	(	0	TIME 0	0:00 GA	AGE DAT	UM N	ИLLW		
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY		IND				
		Wea	ther Cause	d No De	lay		7	7 °F / 86 °F		10	4					
			DRAFT					DISTRIBUTION OF TIME				IME AND	MILES F	.UN		
FORWARD	LIGHT			LOADI	D			AGITAT (MIN				DREDGE (MI		MILES RUN (NAUT MI)		
			1	0			26	26 EFFECTIVE WORKING TIME:				-		-		
AFT				5			24	4			00:00		04:44	0.0		
				<u> </u>			24	TURNING: 00:0				00:00		00:42	0.0	
DRAG DEPTH MA	AX	50	MIN		28			=   · · · · · · · · · · · · · · · · · ·				00:00		04:55	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				00:00		01:08 05:21	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN		DISCONNECTIN	IG:			00:00		00:29	0.0	
							70	TO CUT:				00:00		03:23	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:				00:00		20:42	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,331	NON-EFFECTIVE	ΕV	NORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:		00:00		00:00	0.0	
							1,248	TO AND FROM V ANCHORAGE:	ИН	HARF OR		00:00		00:00	0.0	
		WOR	K PERFORM	ED				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:		00:00		00:00	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSA	ADEA	-	AGITATINO TOTAL		LOSS DUE TO T BRIDGES	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPUSA	AREA		TOTAL		MINOR OPERAT	IN	G REPAIRS:		00:00		00:00	0.0	
4	2	7,760	Gaillard Isla	nd			0	TRANSFERRING	βВ	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA					MISCELLANEOU	JS:	:		00:00		03:18	0.0	
ITEM			NAME OR	NUMBE	۲	H.P.	HOURS	TOTALS:				00:00		03:18	0.0	
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	el	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND		00:00		00:00	0.0	
2.2 3009 10000		-3310						CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MIL	LES	S:		00:00		24:00	0.0	

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

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 writting JSAs and conducting all work according to safety procedures.

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

				(	QUALI	TY CONT	ROL RE	PORT-HOPPE	ΕR	DREDGE			PAGE N		Page 75 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITLI		le Hart	oor		CONTRACT		R estruction Co.			REPORT NO. 67			
CHARACTER OF REPORT		X N	IAINTENANO	E 🗆	NEW \	WORK							DATE 29 May	2017 - N	/Jonday	
22520	_		HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	λTE	ER:C	_CY	AVG UN			OCY	
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE :	SHIFTS F	PER DAY	DA	YS PER WEEK	
			IVIEIVIDERS			20	5	2	2					2	7	
LOCATIO	ON	LOCA	TION CHAN	NEL	REAG	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		TY DEPO			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay		STA	186+00-2	226+00		G	Saillard Island	Gi	,	19,681 783,929			
		AVG LENGTH OF CUT 4,000 FT AVG WIDTH OF CUT 0						0_F7	г ,	AVG DIS	ST TO D	UMP	12NM			
CHARACTE	R OF	DENSITY OF MATERIALS						GMS/LIT							.25	
MATERIA		DENSITY OF WATER							_	1_	GN	MS/LITER	R@		<u>) °F</u>	
RIVER/TI							AGE LOC	ATION I	Mobile R	iver State Dock						
STAG	E	MIN		0 TII	ИΕ	00:00	0 MAX	(	0	TIME 0	0:00 GA	AGE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER					P (min / max)		VISIBILITY		IND				
		Wea	ther Cause	d No De	lay		7	0 °F / 86 °F		9	5					
			DRAFT					DISTRIBUTION OF TIME A				IME AND	MILES	ŁUN		
FORWARD	LIGHT			LOADI	ΕD			AGITATIN (MIN)				DREDGE (MI		MILES RUN (NAUT MI)		
			1	0			26	26 EFFECTIVE WORKING TIME:				-		-		
AFT			1	5			24	04			00:00		07:06	0.0		
				5			24	TURNING: 00:0				00:00		02:18	0.0	
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				00:00		03:56	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				00:00		00:52 04:02	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN		DISCONNECTIN	IG:			00:00		00:24	0.0	
							70	TO CUT:				00:00		05:02	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:				00:00		23:40	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	4,183	NON-EFFECTIVE	ΕV	WORKING TIME:						
GALLONS OF WATER	R CONSUMED					GAL		TAKING ON FUE	EL /	AND SUPPLIES:		00:00		00:00	0.0	
							1,248	TO AND FROM V ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0	
		WORI	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:		00:00		00:20	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSAI	ADEA		AGITATINO TOTAL		LOSS DUE TO T	RA	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPOSAI	AREA		TOTAL		MINOR OPERAT	ΓIN	G REPAIRS:		00:00		00:00	0.0	
3	1	9,681	Gaillard Isla	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:		00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA				1101100	MISCELLANEOL	JS:	:		00:00		00:00	0.0	
ITEM			NAME OR	NUMBE	K	H.P.	HOURS	TOTALS:				00:00		00:20	0.0	
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	el	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIR	S A	AND		00:00		00:00	0.0	
2.2 3009 10000		-9910					00	CESSATION:				00:00		00:00	0.0	
								COLLISIONS:				00:00		00:00	0.0	
								TOTALS:				00:00		00:00	0.0	
								TOTAL TIME/MIL	LES	S:		00:00		24:00	0.0	

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

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**

					QUA	ALITY CONTI	ROL RE	PORT-HOPPE	ΞR	DREDGE			PAGE N		Page 77 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		bile F	Harbor		CONTRACT		PR Instruction Co.			REPORT NO. 68			
CHARACTER OF REPORT		X N	IAINTENAN	CE [	☐ NE	EW WORK							DATE 30 May	2017 - 1		
22520			HOPPER C	CAP:	13	3,000_CY	AVG	VOL OF BIN WA	λΤI	ER:	_CY	AVG UN			<u>0</u> _CY	
<b>DREDG</b> (Glenn Edw		N	O. OF CRE\	N		DREDGE	0	THER PLANT		WORK SCHEDU	JLE	SHIFTS F	PER DAY	DA	YS PER WEEK	
			INICINIDERS			20	)	2	2					2	7	
LOCATIO	ON	LOCA	TION CHAI	NNEL	R	REACH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U		QTY DEPC				
OF WORK		Mobi	le Bay		s	STA 186+00-2	26+00		G	Saillard Island		GROSS(C)	14,597 798,526			
		AVG LENGTH OF CUT 4,000 FT AVG						WIDTH OF CUT0_FT AVG [					ST TO D	UMP	12NM	
CHARACTE	R OF	F DENSITY OF MATERIALS						GMS/LIT						1	1.25	
MATERIA	AL	DENSITY OF WATER							_	1		GMS/LITER	R@	78	<u>8 °F</u>	
							6:00	GAGE LOC	ATION I	<u> Mobile R</u>	tiver State Dock					
STAG	E	MIN		0	TIME	00:00	) MAX	(	0		_	GAGE DAT	UM I	MLLW		
WEATHER CO	NDITION		THER					(min / max)		VISIBILITY		WIND				
		wea	ther Cause	ed No L	Delay		/	′1 °F / 82 °F		9		4				
			DRAFT					DISTRIBUTION OF TIME A			· IIME AND	MILES	UN			
FORWARD	LIGHT			LOA	DED							TATING (MIN)	DREDGE (MI		MILES RUN (NAUT MI)	
				10			26	26 EFFECTIVE WORKING TIME:								
AFT				15			24	04			00:00		02:33	0.0		
		F.0		15	20	,	24	TURNING: 00:0				00:00		00:30	0.0	
DRAG DEPTH MA	AX	50	MIN		28	i		TO DUMP:  CONNECTING:				00:00		02:15 00:37	0.0	
INDICATORS LAST C	HECKED ON _	04/22	/2017					DUMPING:				00:00		02:53	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	7.0	DISCONNECTIN	IG:			00:00		00:16	0.0	
AVED 4 05 00550 05			17.17110				70	TO CUT:				00:00		02:13	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	C	000						11:17	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	3,184		ΕV	WORKING TIME:						
GALLONS OF WATER	CONSUMED					GAL			EL /	AND SUPPLIES:		00:00		10:53	0.0	
							936	TO AND FROM \ ANCHORAGE:	WH	HARF OR		00:00		00:00	0.0	
		WORI	( PERFORI	/IED				LOSS DUE TO N	TAI	TURAL ELEMENTS:		00:00		01:50	0.0	
NO. OF LOADS	EDGING AND		ING DISPOSA	LADE		AGITATING		LOSS DUE TO T	TR/	AFFIC AND		00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY	S	DISPUSA	L AREA	1	TOTAL	. 015	MINOR OPERAT	ΓIN	G REPAIRS:		00:00		00:00	0.0	
2	1	4,597	Gaillard Isla	and			C	TRANSFERRING	3 В	BETWEEN WORKS:		00:00		00:00	0.0	
								LAY TIME:				00:00		00:00	0.0	
								FIRE AND BOAT	ΓD	RILLS:		00:00		00:00	0.0	
ITC.		ATTE	NDANT PLA				HOUR	MISCELLANEOU	JS:	:		00:00		00:00	0.0	
ITEM			NAME OF	R NUME	BER	H.P.	HOURS	TOTALS:				00:00		12:43	0.0	
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:								
Hopper Dredge Crew/Survey Vesse	jl	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIR	S A	AND		00:00		00:00	0.0	
2.0, 50.110, 10336		9910					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/MIL	LES	S:		00:00		24:00	0.0	

	PAGE NO. Page 78 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	68
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 30 May 2017 - Tuesday

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

				C	QUALI	TY CONTI	ROL RE	PORT-HOPPE	ER	DREDGE			PAGE NO	).	Page 79 of 86
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	bor		CONTRACT Manson Co		R estruction Co.			REPORT	NO.	69
CHARACTER OF REPORT		X N	IAINTENANG	ж 🗆	NEW	WORK							DATE 31 May	<del></del> 2017 - \	Vednesday
22520			HOPPER C	AP:	13,00	00_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:C	_CY AV	G UN	•		<u>0</u> _CY
<b>DREDG</b> (Glenn Edw		N	O. OF CREV MEMBERS	/	DR	EDGE	0	THER PLANT	T	WORK SCHEDU	JLE SHIF	-TS	PER DAY	DA	YS PER WEEK
			MEMBERO			20		2	2				2	2	7
LOCATIO	ON	LOCA	TION CHAN	NEL	REA	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY D				TIVE AND QTY FOR DA(CY)
OF WORK		Mobi	le Bay		STA	186+00-2	26+00		G	aillard Island	Ortoc	•	17,503	7E1 0011	816,029
		AV	G LENGTH	OF CU	Γ <u>4</u>	<u>,000</u> FT	AVG	WIDTH OF CU	JT_	0_F1	- AVO	3 DI	ST TO D	JMP	12NM
CHARACTE		DENS	SITY OF MA	ERIALS							GMS/L	ITE	₹	1	1.25
MATERIA	AL	DENS	SITY OF WA	ΓER				1_ GMS/LITE						77	<u>7 °F</u>
RIVER/TI		MIN 0 TIME 03:38 MAX 1 TIME 16:41 GAGE LC						LOC	CATION N	/lobile R	tiver State Dock				
STAG	E	MIN		0 TIM	ИΕ	00:00	) MAX	(	0	TIME 0	0:00 GAGE	DAT	TUM N	/ILLW	
WEATHER CO	NDITION		THER	5				P (min / max)   VISIBILITY   WII 72 °F / 82 °F   10   6			WIND				
		Wea	ther Cause	l No De	lay		7	2 °F / 82 °F			ı				
			DRAFT					DISTRIBUTION OF TIME A				ME AND MILES RUN			
FORWARD	LIGHT			LOADE	D						AGITATINO (MIN)	3	DREDGE (MII		MILES RUN (NAUT MI)
			1	2			27	27 EFFECTIVE WORKING TIME:							
AFT				6			26	6			00	0:00		04:54	0.0
		50		0	00		20	TURNING: 00:0						01:25	0.0
DRAG DEPTH MA	AX	50	MIN		28			TO DUMP:				0:00		04:15 01:00	0.0
INDICATORS LAST C	HECKED ON _	04/22	/2017					CONNECTING: DUMPING:				):00		05:45	0.0
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	7.0	DISCONNECTIN	IG:			0:00		00:31	0.0
						<u> </u>	70	TO CUT:			00	0:00		03:15	0.0
AVERAGE SPEED OF	DREDGE DUF	RING AG	ITATING			FT/MIN	0	TOTALS:			00	0:00		21:05	0.0
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	3,687	NON-EFFECTIVE	ΕV	VORKING TIME:					
GALLONS OF WATER	CONSUMED					GAL		TAKING ON FUE	EL A	AND SUPPLIES:	00	0:00		00:00	0.0
							1,092	TO AND FROM V ANCHORAGE:	ΝH	IARF OR	00	0:00		00:00	0.0
		WOR	( PERFORM	ED				LOSS DUE TO N	IAT	TURAL ELEMENTS:	00	0:00		00:00	0.0
NO. OF LOADS	TOTAL CY		ING DISPOSAI	ADEA		AGITATING TOTAL		LOSS DUE TO T	RA	AFFIC AND	00	0:00		00:00	0.0
NO. OF LOADS	TOTAL CT		DISFOSA			TOTAL		MINOR OPERAT	IN	G REPAIRS:	00	0:00		02:55	0.0
4	1	7,503	Gaillard Isla	nd			0	TRANSFERRING	3 B	ETWEEN WORKS:	00	0:00		00:00	0.0
								LAY TIME:			00	0:00		00:00	0.0
								FIRE AND BOAT	DI	RILLS:	00	0:00		00:00	0.0
ITEM		ATTE	NDANT PLA NAME OR			H.P.	HOURS	MISCELLANEOU	JS:		00	0:00		00:00	0.0
				NUMBER	· ·			TOTALS:			00	0:00		02:55	0.0
Crew/Survey Vesse Hopper Dredge	<del>;</del> 1	Marga	ret M Edwards			0	12:00 24:00	LOST TIME:							
Crew/Survey Vesse	el	Aggie	Luwalub			0	12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00	0:00		00:00	0.0
		33.5						CESSATION:			00	0:00		00:00	0.0
								COLLISIONS:			00	0:00		00:00	0.0
								TOTALS:			00	0:00		00:00	0.0
								TOTAL TIME/MIL	LES	S:	00	0:00		24:00	0.0

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

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**

				(	QUALI	TY CONTI	ROL RE	PORT-HOPPE	ER	DREDGE		PAGE N	Ο.	Page 81 of 86	
<b>CONTRACT NO.</b> W91278-17-D-00	002 0001		TRACT TITL		le Hart	oor		CONTRACT Manson Co		R nstruction Co.		REPORT NO. 70			
CHARACTER OF REPORT		X M	IAINTENAN	CE 🗆	NEW \	WORK						DATE 01 Jun	2017 - T	hursday	
DREDG	_		HOPPER C	AP:	13,00	0_CY	AVG	VOL OF BIN WA	ΛTΕ	ER:0	_CY AVG U	NFILLED (	CAP:	<u>0</u> _CY	
(Glenn Edw		N	O. OF CREV	v	DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE SHIFTS	PER DAY	DA'	YS PER WEEK	
			WEWBERG			20		2	2				2	7	
LOCATIO	ON	LOCA	TION CHAN	INEL	REAG	CH DREDG	ED; STA	TO STA	DI	ISPOSAL AREA U	JSE QTY DEP GROSS(C			TIVE AND QTY FOR DA(CY)	
OF WORK		Mobi	le Bay			186+00-2 -00-146+0			G	Saillard Island	ONOGO(C	13,398 829,427			
		AVG LENGTH OF CUT						IST TO D	UMP	12NM					
CHARACTE		DENSITY OF MATERIALS									GMS/LITE	R	1	1.25	
MATERIA	AL	DENSITY OF WATER							_	1_	GMS/LITE	R@	77	<u>7 °F</u>	
RIVER/TI		MIN		0 ти		07:06	6 MAX	1	1	TIME 0	0:06 GAGE LO	CATION	Mobile R	River State Dock	
STAG	=	MIN		0 TII	ИE	00:00			0		0:00 GAGE DA	TUM	MLLW		
WEATHER CO	NDITION		THER	d No Do	lo.						WIND				
		wea	ther Cause	a No De	iay		1.					0F TIME AND MILES RUN			
														1411 50 DUNA	
FORWARD	LIGHT			LOADI	D			(MIN)			AGITATING (MIN)	DREDGE (M		MILES RUN (NAUT MI)	
AET				2			27	ETTEGTVE WORKING TIME.							
AFT			,	6			26	26			00:00	1	06:44	0.0	
DRAG DEPTH MA	ΑX	50	MIN		28			TURNING: 00:0  TO DUMP: 00:0					01:22 03:49	0.0	
								CONNECTING:			00:00		00:43	0.0	
INDICATORS LAST C						1		DUMPING:			00:00	)	04:33	0.0	
AVERAGE SPEED OF	DREDGE DUF	RING LO	ADING			FT/MIN	70	DISCONNECTING	G:		00:00	)	00:18	0.0	
AVERAGE SPEED OF	DREDGE DUE	RING AG	ITATING			FT/MIN	- 10	TO CUT:			00:00	)	03:56	0.0	
							0	TOTALS:			00:00	1	21:25	0.0	
GALLONS OF FUEL C	OIL CONSUMED	)				GAL	3,986	NON-EFFECTIVE	ΕV	WORKING TIME:					
GALLONS OF WATER	R CONSUMED					GAL	4.000	TAKING ON FUE	EL A	AND SUPPLIES:	00:00	1	00:00	0.0	
							1,092	TO AND FROM V ANCHORAGE:	NΗ	IARF OR	00:00		00:00	0.0	
		WORI	( PERFORM	ED				LOSS DUE TO N	IAT	ΓURAL ELEMENTS:	00:00		00:00	0.0	
NO. OF LOADS	TOTAL CY		ING DISPOSA	ΔΡΕΔ	-	AGITATING TOTAL		LOSS DUE TO TI BRIDGES	RA	AFFIC AND	00:00		00:00	0.0	
NO. OF LOADS	TOTALOT	· · · · · ·	DIGI 00A			TOTAL		MINOR OPERAT	IN	G REPAIRS:	00:00		00:00	0.0	
3	1:	3,398	Gaillard Isla	nd			0	TRANSFERRING	βВ	ETWEEN WORKS:	00:00		00:00	0.0	
								LAY TIME:			00:00		00:00	0.0	
								FIRE AND BOAT	DI	RILLS:	00:00		00:00	0.0	
		ATTE	NDANT PLA					MISCELLANEOU	JS:	:	00:00		02:35	0.0	
ITEM			NAME OR	NUMBE	۲	H.P.	HOURS	TOTALS:			00:00		02:35	0.0	
Crew/Survey Vesse	el	Marga				0	12:00	LOST TIME:							
Hopper Dredge Crew/Survey Vesse	el	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIRS ALTERATIONS:	S A	AND	00:00	)	00:00	0.0	
2.2 3009 10000		-3310					.2.00	CESSATION:			00:00		00:00	0.0	
								COLLISIONS:			00:00	1	00:00	0.0	
								TOTALS:			00:00		00:00	0.0	
								TOTAL TIME/MIL	LES	S:	00:00		24:00	0.0	

	PAGE NO. Page 82 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	70
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 01 Jun 2017 - Thursday

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

					QUALI <sup>-</sup>	TY CONTE	ROL RE	PORT-HOPPE	ΕR	DREDGE		PA	IGE NO.	Page 83 of 86
CONTRACT NO.		1	TRACT TITLE					CONTRACT				RE	PORT NO.	
W91278-17-D-00	002 0001	Main	t. Dredging	of Mob	ile Harb	oor		Manson Co	on	nstruction Co.		ļ.,		71
CHARACTER OF REPORT		X M	IAINTENANC	E C	] NEW	WORK							ATE ! Jun 2017 - F	riday
DREDG	E		HOPPER CA	ιP:	13,00	0_CY	AVG	VOL OF BIN WA	ATE	ER:0	_CY AVG	JNFILL	LED CAP:	0_CY
(Glenn Edw		N	O. OF CREW MEMBERS		DR	EDGE	0	THER PLANT		WORK SCHEDU	JLE SHIFT	S PER	DAY DA	YS PER WEEK
			WEWBERG			20		2	2				2	7
LOCATIO	ON	LOCA	ATION CHANN	1EL	REA	CH DREDG	ED; STA	TO STA	D	ISPOSAL AREA U				TIVE AND QTY
OF WORK		Mobi	le Bay		STA	146+00-2	26+00		G	Saillard Island	GROSS	14,4		FOR DA(CY) 843,870
			G LENGTH (	OF CL	T 8	000 FT	AVG	WIDTH OF CU		0 F1	AVG			10 NM
		-	SITY OF MAT			1 1	7.00	WIDTH 61 66						1.25
CHARACTE MATERI		-	SITY OF WAT							1		78		
RIVER/TI	DE	MIN	_	0 ті	MF	08:30	) MAX							River State Dock
STAG							0:00 GAGE D							
WEATHER CO	NDITION	WEA	THER				TEMP	(min / max)		VISIBILITY	WIND			
		Weat	ther Caused	No De	elay		7	5 °F / 84 °F		10	15			
			DRAFT					DISTRIBUTIO			ION OF TIME AND MILES RUN			
FORWARD	LIGHT			LOAD	ED						AGITATING (MIN)	DR	REDGE & HAUL (MIN)	MILES RUN (NAUT MI)
			12	2			27	27 EFFECTIVE WORKING TIME:			(IVIIIV)	<u> </u>	(IVIIIV)	(NAOT WII)
AFT								PUMPING:			00:0	0	07:35	0.0
			16	<u>;                                    </u>			25	TURNING:			00:0	0	01:49	0.0
DRAG DEPTH M.	AX	50	MIN		28			TO DUMP:			00:0	0	03:36	0.0
INDICATORS LAST C	HECKED ON	04/22	/2017					CONNECTING:			00:0	_	00:43	0.0
AVERAGE SPEED OF						FT/MIN		DUMPING:			00:0	-	04:47	0.0
							70	DISCONNECTING TO CUT:	IG:		00:0	_	00:51	0.0
AVERAGE SPEED OF	DREDGE DUR	ING AG	ITATING			FT/MIN	0	TOTALS:			00:0	_	24:00	0.0
GALLONS OF FUEL C	DIL CONSUMED	)				GAL	4.050	NON-EFFECTIVE	ΕV	WORKING TIME:				
GALLONS OF WATER	R CONSUMED					GAL	4,358	TAKING ON FUE	EL /	AND SUPPLIES:	00:0	0	00:00	0.0
							2,340	TO AND FROM V ANCHORAGE:	WH	HARF OR	00:0	0	00:00	0.0
		WORK	K PERFORME	:D					TAI	TURAL ELEMENTS:	00:0	0	00:00	0.0
	DGING AND					AGITATING		LOSS DUE TO T	RA	AFFIC AND	00:0	0	00:00	0.0
NO. OF LOADS	TOTAL CY	5	DISPOSAL	AREA		TOTAL	CYS	MINOR OPERAT	ΓIN	IG REPAIRS:	00:0	0	00:00	0.0
3	14	4,443	Gaillard Islar	ıd			0	TRANSFERRING	3 B	BETWEEN WORKS:	00:0	0	00:00	0.0
								LAY TIME:			00:0	0	00:00	0.0
								FIRE AND BOAT	DI	RILLS:	00:0	0	00:00	0.0
		ATTE	NDANT PLAN			1		MISCELLANEOU	JS:	:	00:0	0	00:00	0.0
ITEM			NAME OR I	NUMBE	R	H.P.	HOURS	TOTALS:			00:0	0	00:00	0.0
Crew/Survey Vesse	el	Margar				0	12:00	LOST TIME:				'		
Hopper Dredge Crew/Survey Vesse	el .	Aggie	Edwards			0	24:00 12:00	MAJOR REPAIR: ALTERATIONS:	S A	AND	00:0	0	00:00	0.0
2.0, July 10336		9910					12.00	CESSATION:			00:0	0	00:00	0.0
								COLLISIONS:			00:0	0	00:00	0.0
								TOTALS:			00:0	0	00:00	0.0
								TOTAL TIME/MIL	LES	S:	00:0	0	24:00	0.0

	QUALITY CONTROL REPORT-HOPPER DREDGE PAGE NO. Page 84 of 86										
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.								
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	71								
DREDGE	NAME AND TYPE		DATE								
DREDGE QC NARRATIVE(S)	Glenn Edwards		02 Jun 2017 - Friday								

The Dredge Glenn Edwards worked in Assignment #8, STA 146+00-226+00. A successful 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**

QUALITY CONTROL REPORT-HOPPER DREDGE										Į,	PAGE NO. Page 85 of 86					
<b>CONTRACT NO.</b> W91278-17-D-00	CONTRACT TITLE CONTRACTOR  Maint. Dredging of Mobile Harbor Manson Construction Co.									F	REPORT NO.					
CHARACTER OF REPORT	■ MAINTENANCE    □ NEW WORK											DATE 03 Jun 2017 - Saturday				
DREDGE (Glenn Edwards)		HOPPER CAP: 13,000_CY A\					AVG	VG VOL OF BIN WATER: 0_CY				AVG UNFILLED CAP: 0 CY				
		NO. OF CREW DEMEMBERS			DRI	REDGE O		THER PLANT		WORK SCHEDU	JLE SHIF	SHIFTS PER DAY		DAYS PER WEEK		
		MEINBERG			20			:				2		7		
LOCATION OF WORK		LOCATION CHANNEL REA				ACH DREDGED; STA		TO STA	D	ISPOSAL AREA U				MULATIVE AND QTY POSIT FOR DA(CY)		
		Mobile Bay			146+	-00-226+0	0		Gaillard Island			11,308		855,178		
		AVG LENGTH OF CUT8				<u>,000</u> FT	AVG	AVG WIDTH OF CUT0_I			AVG	AVG DIST TO DUMP10_NM			_NM	
CHARACTE	DENSITY OF MATERIALS										GMS/LITER 1.25					
MATERIAL		DENSITY OF WATER						1_				GMS/LITER@78 °F				
RIVER/TIDE		MIN				03:04	4 MAX	1	1			OCA	OCATION Alabama State Docks			
STAG		MIN 0 TIME			00:00			0		0:00 GAGE I	DATU	rum NA				
WEATHER CONDITION		WEATHER Weather Caused No Delay						9 (min / max) 3 °F / 82 °F		VISIBILITY	WIND 15					
		wea	DRAFT					DISTRIBUTION OF TIME AN					D MILES RUN			
FORWARD	LOADED									AGITATING		DREDGE & HAU				
		12					(MIN)  EFFECTIVE WORKING TIME:					(MIN)	(NAUT	MI)		
AFT		16				26		PUMPING: 00:00			00	01:48 0.0				
	25				TURNING:		00:		00:0		0.0					
DRAG DEPTH MAX					2			TO DUMP:		00:	00	02:3	5	0.0		
INDICATORS LAST CHECKED ON04/22/2017							CONNECTING:		00:	00	00:2	3	0.0			
AVERAGE SPEED OF						FT/MIN		DUMPING:			00:	-	02:5		0.0	
7.VEI.V.OE 01 EED 01	INO EGABINO			1 1/1/11111			DISCONNECTING:			00:		00:1		0.0		
AVERAGE SPEED OF	ING AGITATING			FT/MIN		TOTALS:			00:	_	01:0		0.0			
GALLONS OF FUEL C	)				GAL	0	TOTALS: 00:00 09:10 0.0									
						2,000				00:	200	00:0	<u></u>	0.0		
GALLONS OF WATER	CONSUMED					GAL	800	TO AND FROM WHARF OR			00:	-	00:0		0.0	
		WOR	( PERFORM	ED				ANCHORAGE:		FUDAL ELEMENTO	00:		00:0		0.0	
DRE	JLING AGITATIN			AGITATINO	<del></del>	LOSS DUE TO NATURAL ELEMENTS:  LOSS DUE TO TRAFFIC AND				-						
NO. OF LOADS	TOTAL CY			SAL AREA		TOTAL CYS		BRIDGES			00:		00:0		0.0	
2	1	1,308	,308 Gaillard Island				0	MINOR OPERATING REPAIRS:			00:		00:0		0.0	
2 11,0		1,000	,500 Gaillaid Island					- TRANSFERRING BETWEEN WORKS:			00:		00:0		0.0	
								LAY TIME:			00:	-	00:0		0.0	
ATTENDANT PLANT							FIRE AND BOAT DRILLS:			00:	-	00:0		0.0		
ITEM	NAME OR NUMBER				H.P.	HOURS				00:	-	14:5		0.0		
Crew/Survey Vessel		Margaret M			0	12:00	TOTALS:			00:	00	14:5	)	0.0		
Hopper Dredge		Glenn Edwards				0	24:00	LOST TIME:								
Crew/Survey Vessel		Aggie			0	12:00	MAJOR REPAIRS AND ALTERATIONS:			00:		0:00		0.0		
								CESSATION:			00:	_	00:0		0.0	
								COLLISIONS:			00:	00	00:0	)	0.0	
								TOTALS:			00:		00:0		0.0	
								TOTAL TIME/MIL	LES	S:	00:	00	24:0	)	0.0	

	PAGE NO. Page 86 of 86		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W91278-17-D-0002 0001	Maint. Dredging of Mobile Harbor	Manson Construction Co.	72
DREDGE QC NARRATIVE(S)	NAME AND TYPE Glenn Edwards		<b>DATE</b> 03 Jun 2017 - Saturday

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 writting 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.

QC REPRESENTATIVE'S SIGNATURE

DATE

SUPERINTENDENT'S INITIALS

DATE