

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 1 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 3
--	---	--	------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Dec 2014 - Monday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	10,232	10,232
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>1</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@	<u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:05	MAX	1	TIME	22:37	GAGE LOCATION	Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	45 °F / 66 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15				
AFT				EFFECTIVE WORKING TIME:			
		9	17	PUMPING:	00:00	05:58	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>				TURNING:	00:00	00:15	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	01:40	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:10	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	01:04	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	09:07	0.0
			1,154	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			771	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	10,232	EPA WEST	5,116	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	14:53	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	TOTALS:	00:00	14:53	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 3
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 08 Dec 2014 - Monday

GENERAL COMMENTS

The Newport completed the sail from Mobile to Gulfport this morning, completed calibrations and began dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00) with load #1 at 14:53. Other than startup there were no delays today (831 minutes). A paint test was completed during the first load dug and was observed to pass. 4 loads dredged, 4 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area.

Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne at 20:42 on 12/7/14. No turtles/gulf sturgeon caught/tagged/released today, none to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. No surveys were run today.

SAFETY

The Newport crew completed the preparatory safety inspection in the morning upon arrival to Gulfport.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 3 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 4
--	---	--	------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 09 Dec 2014 - Tuesday
----------------------------	---	--------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	33,015	43,247
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>1</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@	<u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:39	MAX	1	TIME	23:13	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	41 °F / 66 °F	10	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		5	15				
AFT		10	17	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>				PUMPING:	00:00	14:28	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TURNING:	00:00	00:39	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	04:28	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:26	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	02:42	0.0
			1,632	TOTALS:	00:00	22:43	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			671	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
13	33,015	EPA WEST	16,508	MINOR OPERATING REPAIRS:	00:00	01:17	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	01:17	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 4
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 09 Dec 2014 - Tuesday	

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There was one delay today for hydraulic repairs (77 minutes). 13 loads dredged, 17 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles/gulf sturgeon caught/tagged/released today, none to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. No surveys were run today.

SAFETY

The Newport crew conducted a fire and emergency boat launch drill today.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 5 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 5
--	---	--	------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Dec 2014 - Wednesday
----------------------------	---	--

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	42,665	85,912
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>1</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@	<u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:11	MAX	1	TIME	23:49	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	36 °F / 59 °F	9	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15				
AFT		10	17	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>				PUMPING:	00:00	14:17	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TURNING:	00:00	00:45	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	04:53	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:38	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	03:27	0.0
			1,854	TOTALS:	00:00	24:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			867	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
17	42,665	EPA WEST	21,624	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 5
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 10 Dec 2014 - Wednesday	

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There were no delays today. 17 loads dredged, 34 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. One turtle caught/tagged/released today (Kemps Ridley), one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) was run today.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 7 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 6
--	---	--	------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 11 Dec 2014 - Thursday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	47,633	133,545
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>1</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@	<u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:37	MAX	0	TIME	00:00	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	39 °F / 59 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	14:32	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>				TURNING:	00:00	00:57	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	04:28	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:42	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	03:21	0.0
			1	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			1,649	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			481	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
19	47,633	EPA WEST	23,817	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 6
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 11 Dec 2014 - Thursday

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There were no delays today. 19 loads dredged, 53 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) was run today.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 9 of 100

CONTRACT NO. W91278-14-D-0087 0002		CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.		REPORT NO. 7		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 12 Dec 2014 - Friday				
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY				
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00		EPA West	38,646	172,191			
		AVG LENGTH OF CUT <u>5,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>1</u> NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>				
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>				
RIVER/TIDE STAGE		MIN	0	TIME	09:58	MAX	1	TIME	00:24	
		GAGE LOCATION		Ship Island, MS						
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	
		GAGE DATUM		MLLW						
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND		
		Weather Caused No Delay		61 °F / 43 °F		6		8		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD		LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)
		5		15						
AFT		10		17		EFFECTIVE WORKING TIME:				
						PUMPING:		00:00		12:27
						TURNING:		00:00		00:45
						TO DUMP:		00:00		05:41
						CONNECTING:		00:00		00:00
						DUMPING:		00:00		00:33
						DISCONNECTING:		00:00		00:00
						TO CUT:		00:00		04:34
						TOTALS:		00:00		24:00
						NON-EFFECTIVE WORKING TIME:				
						TAKING ON FUEL AND SUPPLIES:		00:00		00:00
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00
						MINOR OPERATING REPAIRS:		00:00		00:00
						TRANSFERRING BETWEEN WORKS:		00:00		00:00
						LAY TIME:		00:00		00:00
						FIRE AND BOAT DRILLS:		00:00		00:00
						MISCELLANEOUS:		00:00		00:00
						TOTALS:		00:00		00:00
						LOST TIME:				
						MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00
						CESSATION:		00:00		00:00
						COLLISIONS:		00:00		00:00
						TOTALS:		00:00		00:00
						TOTAL TIME/MILES:		00:00		24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 10 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 7
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 12 Dec 2014 - Friday	

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There were no delays today. 16 loads dredged, 69 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. At approximately 12:00 today we recieved notification that contract mod 0001 is taking effect with the following changes: (1) Material placed in EPA West Disposal Site shall be disposed of in depths greater than -25 ft MLLW, no closer than 330 ft of the boundary, material dredged north of Sta. 695+00 shall be placed in the northern half of the EPA West Disposal Site, and material dredged south of Sta. 695+00 shall be placed in the southern half of the EPA West Disposal Site. The USACE was notified that the northern half of the EPA West Disposal Site has no areas deeper than -25 ft MLLW, therefore all material dredged will be placed in the southern half (south of Northing 240,000) as of load #62.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) and the northeast corner of the EPA West Disposal Area was run today.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 8
--	---	--	------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 13 Dec 2014 - Saturday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY	
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE
	11	2	2	7

LOCATION OF WORK	LOCATION CHANNEL Gulfport Bar Channel	REACH DREDGED; STA TO STA Sections 1-2 Sta. 681+00 - 735+00	DISPOSAL AREA USE EPA West	QTY DEPOSITED GROSS(CY) 38,431	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 210,622
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>1</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	10:14	MAX	0	TIME	00:57	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	42 °F / 68 °F	9	7

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15	EFFECTIVE WORKING TIME:		
AFT		10	17	PUMPING:	00:00	09:57
DRAG DEPTH MAX <u>42</u> MIN <u>35</u>				TURNING:	00:00	00:27
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	06:23
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	1	CONNECTING:	00:00	00:00
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	1	DUMPING:	00:00	00:39
GALLONS OF FUEL OIL CONSUMED		GAL	1,766	DISCONNECTING:	00:00	00:00
GALLONS OF WATER CONSUMED		GAL	578	TO CUT:	00:00	06:34
WORK PERFORMED				TOTALS:	00:00	24:00
DREDGING AND HAULING			AGITATING	NON-EFFECTIVE WORKING TIME:		
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TAKING ON FUEL AND SUPPLIES:	00:00	00:00
15	38,431	EPA WEST	17,942	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00
				MINOR OPERATING REPAIRS:	00:00	00:00
				TRANSFERRING BETWEEN WORKS:	00:00	00:00
				LAY TIME:	00:00	00:00
				FIRE AND BOAT DRILLS:	00:00	00:00
				MISCELLANEOUS:	00:00	00:00
				TOTALS:	00:00	00:00
ATTENDANT PLANT				LOST TIME:		
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00
Crew/Survey Boat	M/V Speedy M	600	24:00	CESSATION:	00:00	00:00
				COLLISIONS:	00:00	00:00
				TOTALS:	00:00	00:00
				TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 8
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 13 Dec 2014 - Saturday

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There were no delays today. 15 loads dredged, 84 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) was run today.

SAFETY

The Newport crew conducted various monthly inspections.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 13 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 9
--	---	--	------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 14 Dec 2014 - Sunday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	38,943	249,565
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>1</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1.4
	DENSITY OF WATER	1.025	GMS/LITER@	70 °F

RIVER/TIDE STAGE	MIN	0	TIME	10:26	MAX	0	TIME	01:21	GAGE LOCATION	Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	19:47	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	39 °F / 63 °F	9	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	09:45	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>35</u>				TURNING:	00:00	00:39	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	06:55	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:39	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	05:57	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:55	0.0
			1,784	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			673	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING				LOSS DUE TO NATURAL ELEMENTS:			0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			0.0
15	38,943	EPA West	3,894	MINOR OPERATING REPAIRS:			0.0
				TRANSFERRING BETWEEN WORKS:			0.0
				LAY TIME:			0.0
				FIRE AND BOAT DRILLS:			0.0

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:			0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	TOTALS:			0.0

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

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 9
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 14 Dec 2014 - Sunday

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There were no delays today. 15 loads dredged, 99 loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) was run today.

SAFETY

The Newport crew conducted various monthly inspections.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 15 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 10
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 15 Dec 2014 - Monday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	44,048	293,613
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	06:20	MAX	0	TIME	19:12	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	44 °F / 68 °F	9	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		5	15				
AFT		10	17	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>35</u>				PUMPING:	00:00	09:32	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TURNING:	00:00	00:39	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	07:19	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:38	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	05:52	0.0
			1,856	TOTALS:	00:00	24:00	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			482	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
16	44,048	EPA West Southern Half	4,404	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 10
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 15 Dec 2014 - Monday

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). There were no delays today. 17 loads dredged, 116 total. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) was run today.

SAFETY

The Newport crew conducted various monthly inspections.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 17 of 100

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 11	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 16 Dec 2014 - Tuesday					
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00		EPA West	12,885	306,498						
		AVG LENGTH OF CUT <u>5,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	05:56	MAX	1	TIME	17:36	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		43 °F / 66 °F		10		10					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				5		15							
AFT				10		17		EFFECTIVE WORKING TIME:					
								PUMPING:	00:00	03:51	0.0		
								TURNING:	00:00	00:21	0.0		
								TO DUMP:	00:00	02:23	0.0		
								CONNECTING:	00:00	00:12	0.0		
								DUMPING:	00:00	02:04	0.0		
								DISCONNECTING:	00:00	00:00	0.0		
								TO CUT:	00:00	00:00	0.0		
								TOTALS:	00:00	08:51	0.0		
								NON-EFFECTIVE WORKING TIME:					
								TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
								TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
								LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
								LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
								MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
								TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
								LAY TIME:	00:00	00:00	0.0		
								FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
								MISCELLANEOUS:	00:00	15:09	0.0		
								TOTALS:	00:00	15:09	0.0		
								LOST TIME:					
								MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
								CESSATION:	00:00	00:00	0.0		
								COLLISIONS:	00:00	00:00	0.0		
								TOTALS:	00:00	00:00	0.0		
								TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 11
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 16 Dec 2014 - Tuesday

GENERAL COMMENTS

The Newport continues dredging in the Gulfport Bar Channel Sections 1-2 (Sta. 681+00 - 735+00). The Newport left for the shipyard in Port Fourchon at 08:51. 5 loads dredged, 121 total. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. A conditional survey of Sections 1-2 (Sta. 681+00 - 735+00) was run today.

SAFETY

The Newport crew conducted various monthly inspections.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 19 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 12
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 17 Dec 2014 - Wednesday
----------------------------	---	--

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	0	306,498
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@	<u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:16	MAX	1	TIME	18:18	GAGE LOCATION	Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	35 °F / 60 °F	9	4

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		0	0				
AFT				EFFECTIVE WORKING TIME:			
		0	0	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			0	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			612	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			440	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

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

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	TOTALS:	00:00	00:00	0.0

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

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 12
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 17 Dec 2014 - Wednesday

GENERAL COMMENTS

The Newport is moored port side to Bollinger Fourchn making repairs. 121 total loads dredged. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne was suspended in morning and resumed midday in preparation for the Glenn Edwards arrival. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site.

SAFETY

The Newport crew conducted various monthly inspections.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 21 of 100

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 13	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 18 Dec 2014 - Thursday					
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			11	2		2	7						
LOCATION OF WORK		LOCATION CHANNEL Gulfport Bar Channel		REACH DREDGED; STA TO STA Sections 1-2 Sta. 681+00 - 735+00		DISPOSAL AREA USE EPA West		QTY DEPOSITED GROSS(CY) 0		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 306,498			
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN <u>0</u> TIME <u>04:56</u>	MAX <u>1</u> TIME <u>19:04</u>	GAGE LOCATION Ship Island, MS									
		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>0</u> TIME <u>00:00</u>	GAGE DATUM MLLW									
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 43 °F / 61 °F		VISIBILITY 9		WIND 4					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
		0	0										
AFT													
		0	0										
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>						EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>12/08/2014</u>						PUMPING:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:00	00:00	0.0			
						TO DUMP:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING						CONNECTING:		00:00	00:00	0.0			
						DUMPING:		00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:		00:00	00:00	0.0			
						TO CUT:		00:00	00:00	0.0			
GALLONS OF WATER CONSUMED						TOTALS:		00:00	00:00	0.0			
						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0			
						MINOR OPERATING REPAIRS:		00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS:		00:00	00:00	0.0			
						LAY TIME:		00:00	00:00	0.0			
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0			
ATTENDANT PLANT						MISCELLANEOUS:		00:00	00:00	0.0			
ITEM	NAME OR NUMBER	H.P.	HOURS			TOTALS:		00:00	00:00	0.0			
Crew/Survey Boat	M/V Speedy M	600	24:00			LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS:		00:00	24:00	0.0			
						CESSATION:		00:00	00:00	0.0			
						COLLISIONS:		00:00	00:00	0.0			
						TOTALS:		00:00	24:00	0.0			
						TOTAL TIME/MILES:		00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 13
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 18 Dec 2014 - Thursday

GENERAL COMMENTS

The Newport is moored port side to Bollinger Fourchon making repairs and later in the day set sail for Bollinger Morgan City shipyards. 121 total loads dredged. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site.

SAFETY

The Newport crew tested fire detectors in the house.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 23 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 13
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 18 Dec 2014 - Thursday
----------------------------	---	---------------------------------------

DREDGE (M/V Glenn Edwards)	HOPPER CAP: 13,572 CY	AVG VOL OF BIN WATER: 180 CY	AVG UNFILLED CAP: 13,392 CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	19	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00	EPA West	11,077	11,077
	AVG LENGTH OF CUT 10,000 FT	AVG WIDTH OF CUT 400 FT	AVG DIST TO DUMP 2 NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	_____	GMS/LITER	1.4
	DENSITY OF WATER	1.025	GMS/LITER@	70 °F

RIVER/TIDE STAGE	MIN 0	TIME 04:56	MAX 1	TIME 19:04	GAGE LOCATION	Ship Island, MS
	MIN 0	TIME 00:00	MAX 0	TIME 00:00	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	43 °F / 61 °F	9	4

DRAFT			DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
	0	0				
AFT						
	0	0				
DRAG DEPTH MAX 42 MIN 35			EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON 10/18/2014			PUMPING: 00:00 04:27 0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			TURNING: 00:00 00:12 0.0			
			TO DUMP: 00:00 01:13 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			CONNECTING: 00:00 00:00 0.0			
			DUMPING: 00:00 00:08 0.0			
GALLONS OF FUEL OIL CONSUMED			DISCONNECTING: 00:00 00:00 0.0			
			TO CUT: 00:00 00:45 0.0			
GALLONS OF WATER CONSUMED			TOTALS: 00:00 06:45 0.0			
			NON-EFFECTIVE WORKING TIME:			
			TAKING ON FUEL AND SUPPLIES: 00:00 00:00 0.0			
			TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0			
			LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0			
			LOSS DUE TO TRAFFIC AND BRIDGES: 00:00 00:00 0.0			
			MINOR OPERATING REPAIRS: 00:00 00:00 0.0			
			TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0			
			LAY TIME: 00:00 00:00 0.0			
			FIRE AND BOAT DRILLS: 00:00 00:00 0.0			
			MISCELLANEOUS: 00:00 00:00 0.0			
			TOTALS: 00:00 00:00 0.0			

WORK PERFORMED			
DREDGING AND HAULING			AGITATING
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS
2	11,077	EPA West	1,107

ATTENDANT PLANT			
ITEM	NAME OR NUMBER	H.P.	HOURS
Crew/Survey Vessel	M/V Margaret M	550	12:00
LOST TIME:			
MAJOR REPAIRS AND ALTERATIONS: 00:00 17:15 0.0			
CESSATION: 00:00 00:00 0.0			
COLLISIONS: 00:00 00:00 0.0			
TOTALS: 00:00 17:15 0.0			
TOTAL TIME/MILES: 00:00 24:00 0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 13
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 18 Dec 2014 - Thursday

GENERAL COMMENTS

The Glenn Edwards spent the majority of the day starting up and commenced dredging at 17:15 in Sections 3 - 4 (Sta. 735+00 to 835+00). 2 loads dug today; 2 total to date.. No turles/gulf sturgeon takes today, none to date for the project. Paint test was conducted.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. The USACE has directed us to continue using one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boat M/V Margaret M is on site.

SAFETY

The Glenn Edwards crew conducted a safety walkthrough with COE inspector and saftey indoctrination for turtle observers.

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 25 of 100

CONTRACT NO. W91278-14-D-0087 0002		CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.		REPORT NO. 14		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 19 Dec 2014 - Friday				
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY				
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK			
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00		EPA West	0	306,498			
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>				
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>				
RIVER/TIDE STAGE		MIN	0	TIME	05:25	MAX	1	TIME	19:49	
		GAGE LOCATION		Ship Island, MS						
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	
		GAGE DATUM		MLLW						
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND		
		Weather Caused No Delay		46 °F / 54 °F		5		9-20		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN					
FORWARD		LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)
		0		0						
AFT										
		0		0						
DRAG DEPTH		MAX <u>0</u> MIN <u>0</u>								
INDICATORS LAST CHECKED ON		<u>12/08/2014</u>								
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN						
				0						
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN						
				0						
GALLONS OF FUEL OIL CONSUMED				GAL						
				576						
GALLONS OF WATER CONSUMED				GAL						
				600						
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING		AGITATING								
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS							
ATTENDANT PLANT					LOSS DUE TO NATURAL ELEMENTS:					
ITEM	NAME OR NUMBER	H.P.	HOURS							
Crew/Survey Boat	M/V Speedy M	600	24:00							
					LOSS DUE TO TRAFFIC AND BRIDGES:					
					MINOR OPERATING REPAIRS:					
					TRANSFERRING BETWEEN WORKS:					
					LAY TIME:					
					FIRE AND BOAT DRILLS:					
					MISCELLANEOUS:					
					TOTALS:					
					LOST TIME:					
					MAJOR REPAIRS AND ALTERATIONS:					
					CESSATION:					
					COLLISIONS:					
					TOTALS:					
					TOTAL TIME/MILES:					

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 14
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 19 Dec 2014 - Friday

GENERAL COMMENTS

The Newport is currently dry docked in Morgan City making repairs. 121 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 27 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 14
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 19 Dec 2014 - Friday
----------------------------	---	-------------------------------------

DREDGE (M/V Glenn Edwards)	HOPPER CAP: <u>13,572</u> CY	AVG VOL OF BIN WATER: <u>180</u> CY	AVG UNFILLED CAP: <u>13,392</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	19	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00	EPA West	51,484	62,561
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:25	MAX	1	TIME	19:49	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	46 °F / 54 °F	5	9-20

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
	0	0		EFFECTIVE WORKING TIME:			
AFT				PUMPING:	00:00	13:38	0.0
	0	0		TURNING:	00:00	00:54	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>				TO DUMP:	00:00	04:27	0.0
INDICATORS LAST CHECKED ON <u>12/18/2014</u>				CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		DUMPING:	00:00	00:35	0.0
		1		DISCONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		TO CUT:	00:00	03:26	0.0
		1		TOTALS:	00:00	23:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL		NON-EFFECTIVE WORKING TIME:			
		4,282		TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
		936		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
9	51,484	EPA West	25,742				

ATTENDANT PLANT				TOTALS			
ITEM	NAME OR NUMBER	H.P.	HOURS				
Crew/Survey Vessel	M/V Margaret M	550	12:00				
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	01:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	01:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 14
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 19 Dec 2014 - Friday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 9 loads dug today; 11 total to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boat M/V Margaret M is on site.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Leak test was conducted and passed with load #5.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 29 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 15
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 20 Dec 2014 - Saturday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	0	306,498
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	06:00	MAX	1	TIME	20:34	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	46 °F / 53 °F	8	14

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		0	0				
AFT				EFFECTIVE WORKING TIME:			
		0	0	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			0	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			250	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING				LOSS DUE TO NATURAL ELEMENTS:			
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			
ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:			
Crew/Survey Boat	M/V Speedy M	600	24:00	00:00	00:00	00:00	0.0

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

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 15
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 20 Dec 2014 - Saturday	

GENERAL COMMENTS

The Newport is currently dry docked in Morgan City making repairs. 121 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 15	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 20 Dec 2014 - Saturday					
DREDGE (M/V Glenn Edwards)		HOPPER CAP: <u>13,572</u> CY		AVG VOL OF BIN WATER: <u>180</u> CY		AVG UNFILLED CAP: <u>13,392</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00		EPA West		39,258	101,819					
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	06:00	MAX	1	TIME	20:34	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		46 °F / 53 °F		8		14					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				12		23							
AFT				14		21		EFFECTIVE WORKING TIME:					
								PUMPING:	00:00	11:02	0.0		
		DRAG DEPTH MAX <u>42</u> MIN <u>33</u>						TURNING:	00:00	01:00	0.0		
		INDICATORS LAST CHECKED ON <u>12/18/2014</u>						TO DUMP:	00:00	02:55	0.0		
		AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN				CONNECTING:	00:00	00:00	0.0		
				1				DUMPING:	00:00	00:27	0.0		
		AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN				DISCONNECTING:	00:00	00:00	0.0		
				1				TO CUT:	00:00	02:39	0.0		
		GALLONS OF FUEL OIL CONSUMED		GAL				TOTALS:	00:00	18:03	0.0		
				3,187				NON-EFFECTIVE WORKING TIME:					
		GALLONS OF WATER CONSUMED		GAL				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
				936				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
WORK PERFORMED													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
7	39,258	EPA West		19,629		LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0							
						LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:38 0.0							
						MINOR OPERATING REPAIRS: 00:00 05:19 0.0							
						TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0							
						LAY TIME: 00:00 00:00 0.0							
						FIRE AND BOAT DRILLS: 00:00 00:00 0.0							
ATTENDANT PLANT													
ITEM	NAME OR NUMBER		H.P.	HOURS									
Crew/Survey Vessel	M/V Margaret M		550	12:00		MISCELLANEOUS: 00:00 00:00 0.0							
						TOTALS: 00:00 05:57 0.0							
						LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0							
						CESSATION: 00:00 00:00 0.0							
						COLLISIONS: 00:00 00:00 0.0							
						TOTALS: 00:00 00:00 0.0							
						TOTAL TIME/MILES: 00:00 24:00 0.0							

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 15
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 20 Dec 2014 - Saturday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 7 loads dug today; 18 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boat M/V Margaret M is on site.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Leak test was conducted and passed with load #5.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 16	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 21 Dec 2014 - Sunday					
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00		EPA West	0	306,498						
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	06:37	MAX	1	TIME	21:19	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		50 °F / 59 °F		8		8					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		0		0									
AFT													
		0		0									
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>						EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>12/08/2014</u>						PUMPING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:00		00:00		0.0	
						TO DUMP:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING						CONNECTING:		00:00		00:00		0.0	
						DUMPING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED						TOTALS:		00:00		00:00		0.0	
						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
WORK PERFORMED						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
DREDGING AND HAULING				AGITATING		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
ATTENDANT PLANT						MISCELLANEOUS:		00:00		00:00		0.0	
ITEM	NAME OR NUMBER			H.P.	HOURS	TOTALS:		00:00		00:00		0.0	
Crew/Survey Boat	M/V Speedy M			600	12:00	LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS:		00:00		24:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		24:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 16
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 21 Dec 2014 - Sunday

GENERAL COMMENTS

The Newport is currently dry docked in Morgan City making repairs. The Newport completed repairs and departed for Gulfport at 23:54. 121 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 35 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 16
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 21 Dec 2014 - Sunday
----------------------------	---	-------------------------------------

DREDGE (M/V Glenn Edwards)	HOPPER CAP: <u>13,572</u> CY	AVG VOL OF BIN WATER: <u>180</u> CY	AVG UNFILLED CAP: <u>13,392</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	19	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00	EPA West	50,132	151,951
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	06:37	MAX	1	TIME	21:19	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	50 °F / 59 °F	8	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		12	23				
AFT		14	21	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>				PUMPING:	00:00	13:56	0.0
INDICATORS LAST CHECKED ON <u>12/18/2014</u>				TURNING:	00:00	01:06	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	03:57	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:43	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	03:19	0.0
			4,427	TOTALS:	00:00	23:01	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			780	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
9	50,132	EPA West	25,066	MINOR OPERATING REPAIRS:	00:00	00:59	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:59	0.0
Crew/Survey Vessel	M/V Margaret M	550	12:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 36 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 16
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 21 Dec 2014 - Sunday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 9 loads dug today; 27 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. The location of the dredge offshore is causing poor cell signal and gaps in DQM data from the dredge.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 17	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 22 Dec 2014 - Monday					
DREDGE (M/V Glenn Edwards)		HOPPER CAP: <u>13,572</u> CY		AVG VOL OF BIN WATER: <u>180</u> CY		AVG UNFILLED CAP: <u>13,392</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00		EPA West		64,690	216,641					
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	07:17	MAX	1	TIME	22:04	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		55 °F / 66 °F		4		20					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				12		23							
AFT				14		21		EFFECTIVE WORKING TIME:					
								PUMPING:	00:00	13:24	0.0		
		DRAG DEPTH MAX <u>42</u> MIN <u>33</u>						TURNING:	00:00	01:00	0.0		
		INDICATORS LAST CHECKED ON <u>12/18/2014</u>						TO DUMP:	00:00	05:09	0.0		
		AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN				CONNECTING:	00:00	00:00	0.0		
				1				DUMPING:	00:00	00:45	0.0		
		AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN				DISCONNECTING:	00:00	00:00	0.0		
				1				TO CUT:	00:00	03:22	0.0		
		GALLONS OF FUEL OIL CONSUMED		GAL				TOTALS:	00:00	23:40	0.0		
				4,073				NON-EFFECTIVE WORKING TIME:					
		GALLONS OF WATER CONSUMED		GAL				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
				1,248				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
WORK PERFORMED													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
11	64,690	EPA West		42,048		LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0							
						LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0							
						MINOR OPERATING REPAIRS: 00:00 00:20 0.0							
						TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0							
						LAY TIME: 00:00 00:00 0.0							
						FIRE AND BOAT DRILLS: 00:00 00:00 0.0							
						MISCELLANEOUS: 00:00 00:00 0.0							
						TOTALS: 00:00 00:20 0.0							
ATTENDANT PLANT													
ITEM	NAME OR NUMBER		H.P.	HOURS									
Crew/Survey Vessel	M/V Margaret M		550	24:00		LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0							
						CESSATION: 00:00 00:00 0.0							
						COLLISIONS: 00:00 00:00 0.0							
						TOTALS: 00:00 00:00 0.0							
						TOTAL TIME/MILES: 00:00 24:00 0.0							

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 17
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 22 Dec 2014 - Monday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 11 loads dug today; 38 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. The location of the dredge offshore is causing poor cell signal and gaps in DQM data from the dredge.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 39 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 17
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 22 Dec 2014 - Monday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	0	306,498
	AVG LENGTH OF CUT <u>0</u> FT	AVG WIDTH OF CUT <u>0</u> FT	AVG DIST TO DUMP <u>0</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1.4</u>
	DENSITY OF WATER	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	07:17	MAX	1	TIME	20:04	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	55 °F / 66 °F	4	20

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		0	0				
AFT				EFFECTIVE WORKING TIME:			
		0	0	PUMPING:	00:00	00:00	0.0
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>				TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			0	DUMPING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			0	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	00:00	0.0
			2,826	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			472	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
0	0	n/a	0				

ATTENDANT PLANT				TOTALS:			
ITEM	NAME OR NUMBER	H.P.	HOURS	AGITATING	DREDGE & HAUL	MILES RUN	TOTALS
Crew/Survey Boat	M/V Speedy M	600	00:00	00:00	00:00	00:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	24:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	24:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 17
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 22 Dec 2014 - Monday

GENERAL COMMENTS

The Newport is currently dry docked in Morgan City making repairs. The Newport completed repairs and departed for Gulfport at 23:54. 121 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 41 of 100

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 18	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 23 Dec 2014 - Tuesday					
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00		EPA West	20,901	327,399						
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	07:57	MAX	1	TIME	20:49	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		63 °F / 68 °F		4		29					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		6		15									
AFT		10		17									
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>						EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>12/08/2014</u>						PUMPING:		08:54		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:27		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING						TO DUMP:		03:47		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED						CONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED						DUMPING:		00:14		00:00		0.0	
						DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		02:48		00:00		0.0	
						TOTALS:		16:10		00:00		0.0	
						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES:		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS:		07:50		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		07:50		00:00		0.0	
						TOTAL TIME/MILES:		24:00		00:00		0.0	
WORK PERFORMED													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
8	20,901	EPA West		13,586									
ATTENDANT PLANT													
ITEM	NAME OR NUMBER			H.P.	HOURS								
Crew/Survey Boat	M/V Speedy M			600	00:00								

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 18
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 23 Dec 2014 - Tuesday

GENERAL COMMENTS

The Newport arrived in Gulfport at 04:00 and began calibrating and testing. The Newport began dredging at 07:50. 8 loads were dredged today and 129 total loads are dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 18		
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 23 Dec 2014 - Tuesday						
DREDGE (M/V Glenn Edwards)		HOPPER CAP: <u>13,572</u> CY		AVG VOL OF BIN WATER: <u>180</u> CY		AVG UNFILLED CAP: <u>13,392</u> CY								
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK							
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
		Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00		EPA West	58,176	274,817							
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>								
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>								
RIVER/TIDE STAGE		MIN	0	TIME	07:17	MAX	1	TIME	22:04	GAGE LOCATION Ship Island, MS				
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND						
		Weather Caused No Delay		55 °F / 66 °F		4		20						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
				12		23		EFFECTIVE WORKING TIME:						
AFT				14		21		PUMPING:		00:00	12:42	0.0		
								TURNING:		00:00	01:00	0.0		
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>								TO DUMP:		00:00	04:39	0.0		
INDICATORS LAST CHECKED ON <u>12/18/2014</u>								CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING						FT/MIN		DUMPING:		00:00	00:51	0.0		
						1		DISCONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING						FT/MIN		TO CUT:		00:00	03:40	0.0		
						1		TOTALS:		00:00	22:52	0.0		
GALLONS OF FUEL OIL CONSUMED						GAL		4,318		NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED						GAL		1,092		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0
WORK PERFORMED														
DREDGING AND HAULING				AGITATING										
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS										
11	58,176	EPA West		37,814		LOSS DUE TO NATURAL ELEMENTS:								
						00:00								
						LOSS DUE TO TRAFFIC AND BRIDGES								
						00:00								
						MINOR OPERATING REPAIRS:								
						00:00								
						TRANSFERRING BETWEEN WORKS:								
						00:00								
						LAY TIME:								
						00:00								
						FIRE AND BOAT DRILLS:								
						00:00								
						MISCELLANEOUS:								
						00:00								
						TOTALS:								
						00:00								
						LOST TIME:								
						MAJOR REPAIRS AND ALTERATIONS:								
						00:00								
						CESSATION:								
						00:00								
						COLLISIONS:								
						00:00								
						TOTALS:								
						00:00								
						TOTAL TIME/MILES:								
						00:00								
						24:00								
						0.0								

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 18
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 23 Dec 2014 - Tuesday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 11 loads dug today; 49 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. The location of the dredge offshore is causing poor cell signal and gaps in DQM data from the dredge.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 19
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 24 Dec 2014 - Wednesday

GENERAL COMMENTS

The Newport continued dredging in Section 1. Ten loads were dredged today; 139 total loads are dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Glenn Edwards. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

The Newport experienced a 111 min delay in work from crew change. The dredge had to come in to calmer seas to change.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 19
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards	DATE 24 Dec 2014 - Wednesday	

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 9 loads dug today; 58 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

Crew changed this morning causing a 146 minute delay; the dredge had to come in, close to port, where the seas were not so high. Six Members left the ship and four came aboard.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 49 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 20
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 25 Dec 2014 - Thursday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	25,785	379,114
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	1.4
	DENSITY OF WATER	1.025	GMS/LITER@	70 °F

RIVER/TIDE STAGE	MIN	0	TIME	09:08	MAX	1	TIME	00:13	GAGE LOCATION	Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	34 °F / 54 °F	10	3

DRAFT			DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		5	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	13:07	0.0
DRAG DEPTH MAX <u>0</u> MIN <u>0</u>			TURNING:	00:00	01:06	0.0	
INDICATORS LAST CHECKED ON <u>12/08/2014</u>			TO DUMP:	00:00	05:18	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	CONNECTING:	00:00	00:00	0.0	
		1	DUMPING:	00:00	00:24	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	DISCONNECTING:	00:00	00:00	0.0	
		1	TO CUT:	00:00	04:05	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	TOTALS:	00:00	24:00	0.0	
		1,992	NON-EFFECTIVE WORKING TIME:				
GALLONS OF WATER CONSUMED		GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0	
		595	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:			0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES			0.0
11	25,785	EPA West	10,773	MINOR OPERATING REPAIRS:			0.0
				TRANSFERRING BETWEEN WORKS:			0.0
				LAY TIME:			0.0
				FIRE AND BOAT DRILLS:			0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:			0.0
Crew/Survey Boat	M/V Speedy M	600	00:00	TOTALS:			0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:			0.0
				CESSATION:			0.0
				COLLISIONS:			0.0
				TOTALS:			0.0
				TOTAL TIME/MILES:			24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 20
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 25 Dec 2014 - Thursday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 1 and 2. Eleven loads were dredged today; 150 total loads are dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 20
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards	DATE 25 Dec 2014 - Thursday	

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 9 loads dug today; 66 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

The Glenn Edwards exercised the rescue boat and launching gear for the benefit of the new AB.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 53 of 100

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 21	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 26 Dec 2014 - Friday					
DREDGE (M/V Glenn Edwards)		HOPPER CAP: <u>13,572</u> CY		AVG VOL OF BIN WATER: <u>180</u> CY		AVG UNFILLED CAP: <u>13,392</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			16	2		2	7						
LOCATION OF WORK		LOCATION CHANNEL Gulfport Bar Channel		REACH DREDGED; STA TO STA Sections 3-4 Sta. 735+00 to 835+00		DISPOSAL AREA USE EPA West		QTY DEPOSITED GROSS(CY) 57,175		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 439,550			
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN <u>1</u> TIME <u>00:23</u>	MAX <u>0</u> TIME <u>09:30</u>	GAGE LOCATION <u>Ship Island, MS</u>									
		MIN <u>0</u> TIME <u>00:00</u>	MAX <u>0</u> TIME <u>00:00</u>	GAGE DATUM <u>MLLW</u>									
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP (min / max) 42 °F / 66 °F		VISIBILITY 10		WIND 9					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				11	23								
AFT				14	21								
DRAG DEPTH MAX <u>42</u> MIN <u>33</u>													
INDICATORS LAST CHECKED ON <u>12/18/2014</u>													
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN									
				1									
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN									
				1									
GALLONS OF FUEL OIL CONSUMED				GAL		4,111							
GALLONS OF WATER CONSUMED				GAL		780							
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
10	57,175	EPA West	37,164			LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS:		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS:		00:00		00:33		0.0	
						TOTALS:		00:00		00:33		0.0	
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER	H.P.	HOURS			MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
Crew/Survey Vessel	M/V Margaret M	550	24:00			CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 21
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards	DATE 26 Dec 2014 - Friday	

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00). 10 loads dug today; 76 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. Dredge Glenn Edwards experienced a 33 min delay due to ship traffic.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 55 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 21
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 26 Dec 2014 - Friday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	25,723	404,837
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	1	TIME	00:23	MAX	0	TIME	09:30	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	34 °F / 54 °F	10	3

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	13:31	0.0
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				TURNING:	00:00	01:33	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	04:37	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:24	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	03:55	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			2,047	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			579	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
10	25,723	EPA West	16,720	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	00:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 21
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 26 Dec 2014 - Friday	

GENERAL COMMENTS

The Newport continued dredgeing in Sections 1 and 2. Ten loads were dredged today; 160 total loads are dredged to date with no delays. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 57 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 22
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Dec 2014 - Saturday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	20,052	424,889
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:38	MAX	0	TIME	09:48	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	18:25	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	61 °F / 64 °F	5	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		6	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	08:18	0.0
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				TURNING:	00:00	00:38	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	04:01	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	02:38	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	16:00	0.0
			1,544	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	05:00	0.0
			500	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	03:00	0.0
8	20,052	EPA West	13,303	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	08:00	0.0
Crew/Survey Boat	M/V Speedy M	600	00:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 22
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 27 Dec 2014 - Saturday	

GENERAL COMMENTS

The Newport continued dredgeing in Sections 1 and 2. Eight loads were dredged today; 168 total loads are dredged to date. The dredge had a 5 hour delay for fueling and a 3 hour delay for testing the main engine alarms. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. A conditional survey was run of Section 3-4.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 59 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 22
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 27 Dec 2014 - Saturday
----------------------------	---	---------------------------------------

DREDGE (M/V Glenn Edwards)	HOPPER CAP: <u>13,572</u> CY	AVG VOL OF BIN WATER: <u>180</u> CY	AVG UNFILLED CAP: <u>13,392</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	16	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 3-4 Sta. 735+00 to 835+00	EPA West	44,528	484,078
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	00:48	MAX	0	TIME	09:38	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	18:25	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	42 °F / 66 °F	5	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	22	EFFECTIVE WORKING TIME:			
AFT		14	22	PUMPING:	00:00	12:47	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>34</u>				TURNING:	00:00	00:54	0.0
INDICATORS LAST CHECKED ON <u>12/18/2014</u>				TO DUMP:	00:00	02:58	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:36	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	02:08	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	19:23	0.0
			4,111	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	04:37	0.0
			1,092	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
9	44,528	EPA West	47,476	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:37	0.0
Crew/Survey Vessel	M/V Margaret M	550	24:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 22
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards	DATE 27 Dec 2014 - Saturday	

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 3 - 4 (Sta. 735+00 to 835+00) before moving to sections 5 - 6 (Sta. 835+00 to 935+00). 9 loads dug today; 85 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. Dredge Glenn Edwards experienced a 277 min delay to load groceries.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Margaret M is on site. The Speedy was idle to make repairs, and the Margaret M will be the 24 hour crew boat until repairs to the Speedy are complete. No survey was run today.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 61 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 23
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 28 Dec 2014 - Sunday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	22,410	447,299
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1.4</u>
	DENSITY OF WATER	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:28	MAX	0	TIME	18:06	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	57 °F / 73 °F	4	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		6	15				
AFT		10	17	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				PUMPING:	00:00	13:15	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TURNING:	00:00	00:57	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	05:11	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:27	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	03:56	0.0
			1,681	TOTALS:	00:00	23:46	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			385	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:14	0.0
9	22,410	EPA West	8,516	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:14	0.0
Crew/Survey Boat	M/V Speedy M	600	12:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 23
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 28 Dec 2014 - Sunday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 1 and 2. Nine loads were dredged today; 177 total loads are dredged to date. The dredge had a 14 minute delay for ship traffic. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The Speedy worked along M/V Margaret M for 12 hours each. No survey was run today.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 23	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 28 Dec 2014 - Sunday					
DREDGE (M/V Glenn Edwards)		HOPPER CAP: <u>13,572</u> CY		AVG VOL OF BIN WATER: <u>180</u> CY		AVG UNFILLED CAP: <u>13,392</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Gulfport Bar Channel	Sections 5-6 Sta. 835+00 to 935+00		EPA West		55,939	540,017					
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	09:28	MAX	0	TIME	18:06	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		57 °F / 73 °F		4		5					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				11		22							
AFT				14		22		EFFECTIVE WORKING TIME:					
								PUMPING:	00:00	16:22	0.0		
		DRAG DEPTH MAX <u>42</u> MIN <u>34</u>						TURNING:	00:00	01:12	0.0		
		INDICATORS LAST CHECKED ON <u>12/18/2014</u>						TO DUMP:	00:00	03:00	0.0		
		AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN				CONNECTING:	00:00	00:00	0.0		
				1				DUMPING:	00:00	00:44	0.0		
		AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN				DISCONNECTING:	00:00	00:00	0.0		
				1				TO CUT:	00:00	02:11	0.0		
		GALLONS OF FUEL OIL CONSUMED		GAL				TOTALS:	00:00	23:29	0.0		
				3,961				NON-EFFECTIVE WORKING TIME:					
		GALLONS OF WATER CONSUMED		GAL				TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
				780				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
WORK PERFORMED													
DREDGING AND HAULING				AGITATING									
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS									
11	55,939	EPA West		48,910		LOSS DUE TO NATURAL ELEMENTS: 00:00 00:00 0.0							
						LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:31 0.0							
						MINOR OPERATING REPAIRS: 00:00 00:00 0.0							
						TRANSFERRING BETWEEN WORKS: 00:00 00:00 0.0							
						LAY TIME: 00:00 00:00 0.0							
						FIRE AND BOAT DRILLS: 00:00 00:00 0.0							
						MISCELLANEOUS: 00:00 00:00 0.0							
						TOTALS: 00:00 00:31 0.0							
ATTENDANT PLANT													
ITEM	NAME OR NUMBER		H.P.	HOURS									
Crew/Survey Vessel	M/V Margaret M		550	12:00		LOST TIME:							
						MAJOR REPAIRS AND ALTERATIONS: 00:00 00:00 0.0							
						CESSATION: 00:00 00:00 0.0							
						COLLISIONS: 00:00 00:00 0.0							
						TOTALS: 00:00 00:00 0.0							
						TOTAL TIME/MILES: 00:00 24:00 0.0							

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 23
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 28 Dec 2014 - Sunday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 5 - 6 (Sta. 835+00 to 935+00). 11 loads dug today; 96 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. Dredge Glenn Edwards experienced a 31 min delay due to ship traffic.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boats M/V Margaret M and M/V Speedy are on site. No survey was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 24
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 29 Dec 2014 - Monday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 5 - 6 (Sta. 835+00 to 935+00). 9 loads dug today; 105 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. Dredge Glenn Edwards experienced 346 min delay time due to ship traffic and minor repairs.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boats M/V Margaret M and M/V Speedy are on site. A conditional survey of Sections 1-6 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 67 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 24
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 29 Dec 2014 - Monday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	24,669	471,968
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1.4</u>
	DENSITY OF WATER	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	04:57	MAX	0	TIME	17:49	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	54 °F / 64 °F	9	5

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		6	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	13:29	0.0
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				TURNING:	00:00	01:27	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	05:00	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:30	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	03:34	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			1,790	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			674	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
10	24,669	EPA West	9,374	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	12:00	LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 24
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 29 Dec 2014 - Monday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 1 and 2. Ten loads were dredged today; 187 total loads are dredged to date. The dredge experienced no delays. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The Speedy worked along M/V Margaret M for 12 hours each. A survey of Sections 1-6 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 69 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 25
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Dec 2014 - Tuesday
----------------------------	---	--------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 1-2 Sta. 681+00 - 735+00	EPA West	22,590	494,558
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS	GMS/LITER <u>1.4</u>
	DENSITY OF WATER	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:04	MAX	1	TIME	17:37	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	39 °F / 55 °F	8	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		6	15				
AFT				EFFECTIVE WORKING TIME:			
		10	17	PUMPING:	00:00	15:22	0.0
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				TURNING:	00:00	01:37	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	03:40	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	02:56	0.0
			1	TO CUT:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			1,753	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			674	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
8	22,590	EPA West	7,610				
				LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
Crew/Survey Boat	M/V Speedy M	600	12:00				
				TOTALS:			
				TOTAL TIME/MILES:			
				00:00	00:00	24:00	0.0
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				00:00	00:00	00:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 25
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 30 Dec 2014 - Tuesday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 1 and 2. Nine loads were dredged today; 196 total loads are dredged to date. The dredge experienced no delays. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The Speedy worked along M/V Margaret M for 12 hours each. A survey of Sections 1-2 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 71 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 25
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 30 Dec 2014 - Tuesday
----------------------------	---	--------------------------------------

DREDGE (M/V Glenn Edwards)	HOPPER CAP: <u>13,572</u> CY	AVG VOL OF BIN WATER: <u>180</u> CY	AVG UNFILLED CAP: <u>13,392</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	16	2	
	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
		2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 5-6 Sta. 835+00 to 935+00	EPA West	54,955	641,179
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:04	MAX	1	TIME	17:37	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	39 °F / 55 °F	8	16

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		11	22				
AFT				EFFECTIVE WORKING TIME:			
		14	22	PUMPING:	00:00	17:17	0.0
DRAG DEPTH MAX <u>42</u> MIN <u>34</u>				TURNING:	00:00	01:12	0.0
INDICATORS LAST CHECKED ON <u>12/18/2014</u>				TO DUMP:	00:00	02:54	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:44	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	01:53	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			4,071	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			1,092	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYC	DISPOSAL AREA	TOTAL CYC				
11	54,955	EPA West	48,050				
				LOSS DUE TO NATURAL ELEMENTS:			
				LOSS DUE TO TRAFFIC AND BRIDGES			
				MINOR OPERATING REPAIRS:			
				TRANSFERRING BETWEEN WORKS:			
				LAY TIME:			
				FIRE AND BOAT DRILLS:			

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
Crew/Survey Vessel	M/V Margaret M	550	12:00				
				TOTALS:			
				TOTAL TIME/MILES:			
				MAJOR REPAIRS AND ALTERATIONS:			
				CESSATION:			
				COLLISIONS:			
				TOTALS:			
				TOTAL TIME/MILES:			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 25
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards	DATE 30 Dec 2014 - Tuesday	

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 5 - 6 (Sta. 835+00 to 935+00). 11 loads dug today; 116 total loads dredged to date. No turtles/gulf sturgeon takes today, none to date for the project. Dredge Glenn Edwards experienced no delays.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boats M/V Margaret M and M/V Speedy are on site. A conditional survey of Sections 5-6 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 73 of 100

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 26			
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 31 Dec 2014 - Wednesday							
DREDGE (M/V Glenn Edwards)		HOPPER CAP: <u>13,572</u> CY		AVG VOL OF BIN WATER: <u>180</u> CY		AVG UNFILLED CAP: <u>13,392</u> CY									
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK								
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)								
		Gulfport Bar Channel	Sections 5-6 Sta. 835+00 to 935+00		EPA West	36,571	677,750								
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM									
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>									
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>									
RIVER/TIDE STAGE		MIN	0	TIME	05:25	MAX	1	TIME	18:18	GAGE LOCATION Ship Island, MS					
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND							
		Weather Caused No Delay		36 °F / 57 °F		10		12							
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
				12		21									
AFT				13		21									
DRAG DEPTH MAX <u>42</u> MIN <u>34</u>						EFFECTIVE WORKING TIME:									
INDICATORS LAST CHECKED ON <u>12/18/2014</u>						PUMPING:		00:00		12:37		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:00		01:00		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING						TO DUMP:		00:00		02:13		0.0			
GALLONS OF FUEL OIL CONSUMED						CONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED						DUMPING:		00:00		00:32		0.0			
						DISCONNECTING:		00:00		00:00		0.0			
						TO CUT:		00:00		01:28		0.0			
						TOTALS:		00:00		17:50		0.0			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:									
DREDGING AND HAULING						TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0			
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
8		36,571		EPA West		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0			
						MINOR OPERATING REPAIRS:		00:00		00:13		0.0			
						TRANSFERRING BETWEEN WORKS:		00:00		04:25		0.0			
						LAY TIME:		00:00		00:00		0.0			
						FIRE AND BOAT DRILLS:		00:00		01:32		0.0			
						MISCELLANEOUS:		00:00		00:00		0.0			
						TOTALS:		00:00		06:10		0.0			
ATTENDANT PLANT						LOST TIME:									
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
Crew/Survey Vessel		M/V Margaret M		550		12:00		CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 26
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Glenn Edwards		DATE 31 Dec 2014 - Wednesday

GENERAL COMMENTS

The Glenn Edwards continued dredging in Sections 5 - 6 (Sta. 835+00 to 935+00). 8 loads dug today; 124 total loads in total. No turtles/gulf sturgeon takes today, none to date for the project. Dredge Glenn Edwards experienced for crew change and a minor repair to the fwd weir. The dredge is transferring to a new job and has finished working with the Newport in this job moving a total of 674,290 cubic yards. The Glenn Edwards completed dredging at 19:00.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the dredge. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

12 hour crew boats M/V Margaret M and M/V Speedy are on site. A conditional survey of Sections 5-6 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 26
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 31 Dec 2014 - Wednesday
----------------------------	---	--

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	WORK SCHEDULE
			SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 3-4 Sta. 735+00 - 835+00	EPA West	22,590	517,148
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:25	MAX	1	TIME	18:18	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	36 °F / 57 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		6	15				
AFT				EFFECTIVE WORKING TIME:			
		10	17	PUMPING:	00:00	12:34	0.0
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				TURNING:	00:00	01:45	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	02:23	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:14	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	02:04	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	19:00	0.0
			1,783	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			482	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
7	22,590	EPA West	7,608	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	05:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	00:00	0.0
Crew/Survey Boat	M/V Speedy M	600	12:00	TOTALS:	00:00	05:00	0.0
				LOST TIME:			
				MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 26
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 31 Dec 2014 - Wednesday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 3 and 4. Seven loads were dredged today; 203 total loads are dredged to date. The dredge experienced a delay from 1900 to 0000 1/1/15 transiting offshore for new year. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The Speedy worked along M/V Margaret M for 12 hours each. A survey of Sections 3-4 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 77 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 27
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 01 Jan 2015 - Thursday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	12	2	

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 3-4 Sta. 735+00 - 835+00	EPA West	17,550	534,698
	AVG LENGTH OF CUT <u>10,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.4</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@	<u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	05:53	MAX	1	TIME	19:19	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	36 °F / 57 °F	10	12

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		6	15				
AFT		10	17	EFFECTIVE WORKING TIME:			
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				PUMPING:	00:00	13:14	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TURNING:	00:00	01:30	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:	00:00	02:32	0.0
			1	CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:	00:00	00:10	0.0
			1	DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:	00:00	01:57	0.0
			1,915	TOTALS:	00:00	19:23	0.0
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:			
			578	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
7	17,550	EPA West	6,341	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0
ATTENDANT PLANT				MISCELLANEOUS:	00:00	04:37	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	04:37	0.0
Crew/Survey Boat	M/V Speedy M	600	12:00	LOST TIME:			
Crew/Survey Boat	M/V Margaret	600	12:00	MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0
				CESSATION:	00:00	00:00	0.0
				COLLISIONS:	00:00	00:00	0.0
				TOTALS:	00:00	00:00	0.0
				TOTAL TIME/MILES:	00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 27
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 01 Jan 2015 - Thursday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 3 and 4. Seven loads were dredged today; 210 total loads are dredged to date. The dredge experienced a delay from 00:00-04:37 returning from offshore for new year. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The Speedy worked along M/V Margaret M for 12 hours each.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 28	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 02 Jan 2015 - Friday					
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Gulfport Bar Channel	Sections 2-4 Sta. 685+00 - 835+00		EPA West	19,884	554,582						
		AVG LENGTH OF CUT <u>10,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.4</u>							
		DENSITY OF WATER				GMS/LITER@ <u>70 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	06:13	MAX	1	TIME	19:58	GAGE LOCATION Ship Island, MS			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		55 °F / 69 °F		8		10					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
				5		14		EFFECTIVE WORKING TIME:					
AFT				9		17		PUMPING:	00:00	14:30	0.0		
								TURNING:	00:00	01:57	0.0		
DRAG DEPTH		MAX <u>38</u> MIN <u>42</u>						TO DUMP:	00:00	03:30	0.0		
								CONNECTING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON <u>12/08/2014</u>								DUMPING:	00:00	00:15	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		1		DISCONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		1		TO CUT:	00:00	02:58	0.0		
GALLONS OF FUEL OIL CONSUMED				GAL		1,939		TOTALS:	00:00	23:10	0.0		
GALLONS OF WATER CONSUMED				GAL		482		NON-EFFECTIVE WORKING TIME:					
								TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0		
								TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
								LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
								LOSS DUE TO TRAFFIC AND BRIDGES:	00:00	00:00	0.0		
								MINOR OPERATING REPAIRS:	00:00	00:00	0.0		
								TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0		
								LAY TIME:	00:00	00:00	0.0		
								FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
								MISCELLANEOUS:	00:00	00:50	0.0		
								TOTALS:	00:00	00:50	0.0		
								LOST TIME:					
								MAJOR REPAIRS AND ALTERATIONS:	00:00	00:00	0.0		
								CESSATION:	00:00	00:00	0.0		
								COLLISIONS:	00:00	00:00	0.0		
								TOTALS:	00:00	00:00	0.0		
								TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 28
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 02 Jan 2015 - Friday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 2 through 4. Eight loads were dredged today; 218 total loads are dredged to date. The dredge experienced a delay from 0747-0827. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The Speedy worked along M/V Margaret M for 12 hours each.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

ABS conducted mid term SMS Audit.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 29
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 03 Jan 2015 - Saturday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	12	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 2-4 Sta. 685+00 - 835+00	EPA West	37,890	592,472
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.4</u>
	DENSITY OF WATER	1.025	GMS/LITER@ <u>70 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	06:34	MAX	1	TIME	20:36	GAGE LOCATION Ship Island, MS
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	64 °F / 70 °F	5	13

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	14	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	15:07	0.0
DRAG DEPTH MAX <u>38</u> MIN <u>42</u>				TURNING:	00:00	02:28	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	03:31	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:25	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	02:21	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	23:52	0.0
			1,815	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:08	0.0
			578	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYC	DISPOSAL AREA	TOTAL CYC	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
15	37,890	EPA West	17,401	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:08	0.0
Crew/Survey Boat	M/V Speedy M	600	24:00	LOST TIME:			

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

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 29
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 03 Jan 2015 - Saturday

GENERAL COMMENTS

The Newport continued dredging in Sections 2 through 4. Fifteen loads were dredged today; 233 total loads are dredged to date. The dredge experienced a delay from 0825-0833 to load supplies. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

Crew boat M/V Speedy M is on site. The M/V Margaret M left the project and the Speedy M will continue as the 24 hour crewboat. Conditional survey of sections 2 and 3 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Inspected the safety chains.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 84 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 30
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 04 Jan 2015 - Sunday

GENERAL COMMENTS

The Newport continued dredgeing in Sections 2 through 7. Ten loads were dredged today; 243 total loads are dredged to date. The dredge experienced a delay from 1243-1355 to clear debris in the port Z drive and a delay from 1500-1522 to inspect the port Z drive. No turtles/gulf sturgeon takes today, none to date for the project.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. Conditional survey of sections 4-7 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Tested fire pumps.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 31
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 05 Jan 2015 - Monday

GENERAL COMMENTS

The Newport continued dredging in Sections 3, 4, and 7. Nine loads were dredged today; 252 total loads are dredged to date. The dredge experienced a delay from 1330-1338 for ship traffic.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. Conditional survey of sections 3-4 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Monthly safety equipment inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 87 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 32
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 06 Jan 2015 - Tuesday
----------------------------	---	--------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	11	2	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Section 5 Sta. 835+00 to 885+00	EPA West	30,195	670,097
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.1</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@ <u>60 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	07:47	MAX	1	TIME	10:29	GAGE LOCATION Ship Island
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	33 °F / 60 °F	10	7

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	15	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	14:59	0.0
DRAG DEPTH MAX <u>51</u> MIN <u>45</u>				TURNING:	00:00	03:53	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	02:43	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:26	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	01:59	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			1,723	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			675	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
DREDGING AND HAULING		AGITATING		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
12	30,195	EPA West	9,865	TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:	00:00	00:00	0.0
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:	00:00	00:00	0.0
Survey/ Crew Boat	MV Speedy	500	24:00	LOST TIME:			

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

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 88 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 32
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 06 Jan 2015 - Tuesday

GENERAL COMMENTS

The Newport continued dredging in Sections 4, and 7. Twelve loads were dredged today; 264 total loads are dredged to date. The dredge experienced no delay on the day.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. Conditional survey of sections 4-7 was conducted. AD Survey of section 1-3 was conducted

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Monthly safety equipment inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 89 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 33
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 07 Jan 2015 - Wednesday
----------------------------	---	--

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	0	0	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 5 and 6 Sta 835+00 to 935+00	EPA West	27,225	697,322
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.1</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@	<u>65 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:11	MAX	1	TIME	23:05	GAGE LOCATION	Ship Island
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	30 °F / 55 °F	10	30

DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
		5	14					
AFT		10	17	EFFECTIVE WORKING TIME:				
DRAG DEPTH MAX <u>51</u> MIN <u>45</u>				PUMPING:				00:00
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TURNING:				00:00
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	TO DUMP:				00:00
			1	CONNECTING:				00:00
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DUMPING:				00:00
			1	DISCONNECTING:				00:00
GALLONS OF FUEL OIL CONSUMED			GAL	TO CUT:				00:00
			1,781	TOTALS:				00:00
GALLONS OF WATER CONSUMED			GAL	NON-EFFECTIVE WORKING TIME:				
			482	TAKING ON FUEL AND SUPPLIES:				00:00
WORK PERFORMED				TO AND FROM WHARF OR ANCHORAGE:				00:00
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:				00:00
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES				00:00
11	27,225	EPA West	12,524	MINOR OPERATING REPAIRS:				00:00
				TRANSFERRING BETWEEN WORKS:				00:00
				LAY TIME:				00:00
				FIRE AND BOAT DRILLS:				00:00
ATTENDANT PLANT				MISCELLANEOUS:				00:00
ITEM	NAME OR NUMBER	H.P.	HOURS	TOTALS:				00:00
Survey / Crew Boat	MV Speedy M	500	24:00	LOST TIME:				
				MAJOR REPAIRS AND ALTERATIONS:				00:00
				CESSATION:				00:00
				COLLISIONS:				00:00
				TOTALS:				00:00
				TOTAL TIME/MILES:				00:00
								24:00
								0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 33
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 07 Jan 2015 - Wednesday	

GENERAL COMMENTS

The Newport continued dredging in Sections 4, and 7. Eleven loads were dredged today; 275 total loads are dredged to date. The dredge experienced no delay on the day.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. Conditional survey of sections 4-7 was conducted. AD Survey of section 1-3 was conducted

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Monthly safety equipment inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 91 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 34
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 08 Jan 2015 - Thursday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	0	0	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 4 and 5 Sta 785+00 to 885+00	EPA West	19,845	717,167
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.1</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@	<u>65 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	08:32	MAX	1	TIME	23:40	GAGE LOCATION	Ship Island
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM	MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	19 °F / 37 °F	10	10

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	14	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	15:03	0.0
DRAG DEPTH MAX <u>40</u> MIN <u>39</u>				TURNING:	00:00	05:12	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	02:13	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:12	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	01:20	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			1,853	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			481	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
8	19,845	EPA West	10,811	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
				MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				MISCELLANEOUS:			
ITEM	NAME OR NUMBER	H.P.	HOURS				
Survey / Crew Boat	MV Speedy M	500	24:00	TOTALS:	00:00	00:00	0.0

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

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 34
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 08 Jan 2015 - Thursday

GENERAL COMMENTS

The Newport continued dredging in Sections 4, 5, and 7. Eight loads were dredged today; 283 total loads are dredged to date. The dredge experienced no delay on the day.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. No survey was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

Monthly safety equipment inspection.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 93 of 100

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 35	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 09 Jan 2015 - Friday			
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
		0		0		2				7			
LOCATION OF WORK		LOCATION CHANNEL Gulfport Bar Channel		REACH DREDGED; STA TO STA Sections 6 and 7 Sta 885+00 to 970+00		DISPOSAL AREA USE EPA West		QTY DEPOSITED GROSS(CY) 24,840		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 742,007			
		AVG LENGTH OF CUT <u>5,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.1</u>							
		DENSITY OF WATER				GMS/LITER@ <u>65 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	08:48	MAX	0	TIME	00:16	GAGE LOCATION Ship Island			
		MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		34 °F / 43 °F		10		7					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		5		14									
AFT		10		17									
DRAG DEPTH MAX <u>39</u> MIN <u>40</u>						EFFECTIVE WORKING TIME:							
INDICATORS LAST CHECKED ON <u>12/08/2014</u>						PUMPING:		00:00		17:27		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING						TURNING:		00:00		02:27		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING						TO DUMP:		00:00		02:01		0.0	
GALLONS OF FUEL OIL CONSUMED						CONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED						DUMPING:		00:00		00:17		0.0	
1,816						DISCONNECTING:		00:00		00:00		0.0	
481						TO CUT:		00:00		01:48		0.0	
						TOTALS:		00:00		24:00		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES:		00:00		00:00		0.0	
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0		
10	24,840	EPA West	12,479		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0		
					MINOR OPERATING REPAIRS:		00:00		00:00		0.0		
					TRANSFERRING BETWEEN WORKS:		00:00		00:00		0.0		
					LAY TIME:		00:00		00:00		0.0		
					FIRE AND BOAT DRILLS:		00:00		00:00		0.0		
					MISCELLANEOUS:		00:00		00:00		0.0		
					TOTALS:		00:00		00:00		0.0		
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER		H.P.	HOURS		MAJOR REPAIRS AND ALTERATIONS:		00:00		00:00		0.0	
Survey / Crew Boat	MV Speedy M		500	24:00		CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 94 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 35
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 09 Jan 2015 - Friday

GENERAL COMMENTS

The Newport continued dredging in Sections 6 and 7. Ten loads were dredged today; 293 total loads are dredged to date. The dredge experienced no delay on the day.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. Conditional survey of Sections 4, 5, and 7 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 95 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 36
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 10 Jan 2015 - Saturday
----------------------------	---	---------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY			
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK
	0	0			2	7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 5 and 6 Sta 835+00 to 935+00	EPA West	24,705	766,712
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER <u>1.1</u>
	DENSITY OF WATER	<u>1.025</u>	GMS/LITER@ <u>65 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:02	MAX	0	TIME	00:52	GAGE LOCATION Ship Island
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	30 °F / 52 °F	10	8

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	14	EFFECTIVE WORKING TIME:			
AFT		10	17	PUMPING:	00:00	13:33	0.0
DRAG DEPTH MAX <u>39</u> MIN <u>40</u>				TURNING:	00:00	06:43	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	01:52	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:20	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	01:32	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	24:00	0.0
			1,851	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	00:00	0.0
			479	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				AGITATING			
DREDGING AND HAULING							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS				
10	24,705	EPA West	12,411	LOSS DUE TO NATURAL ELEMENTS:			0.0
				LOSS DUE TO TRAFFIC AND BRIDGES			0.0
				MINOR OPERATING REPAIRS:			0.0
				TRANSFERRING BETWEEN WORKS:			0.0
				LAY TIME:			0.0
				FIRE AND BOAT DRILLS:			0.0

ATTENDANT PLANT				AGITATING			
ITEM	NAME OR NUMBER	H.P.	HOURS				
Survey / Crew Boat	MV Speedy M	500	24:00	TOTALS:			0.0

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

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 36
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 10 Jan 2015 - Saturday

GENERAL COMMENTS

The Newport continued dredging in Sections 5 and 6. Ten loads were dredged today; 303 total loads are dredged to date. The dredge experienced no delay on the day.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. Conditional survey of Sections 5 and 6 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002				CONTRACT TITLE Maint Dredging of Gulfport Bar Channel				CONTRACTOR Manson Construction Co.				REPORT NO. 37	
CHARACTER OF REPORT				<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 11 Jan 2015 - Sunday					
DREDGE (M/V Newport)		HOPPER CAP: <u>4,000</u> CY		AVG VOL OF BIN WATER: <u>276</u> CY		AVG UNFILLED CAP: <u>3,442</u> CY							
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK						
			0	0		2	7						
LOCATION OF WORK		LOCATION CHANNEL Gulfport Bar Channel		REACH DREDGED; STA TO STA Sections 5 and 6 Sta 835+00 to 935+00		DISPOSAL AREA USE EPA West		QTY DEPOSITED GROSS(CY) 15,040		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 781,752			
		AVG LENGTH OF CUT <u>5,000</u> FT		AVG WIDTH OF CUT <u>400</u> FT		AVG DIST TO DUMP <u>2</u> NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				GMS/LITER <u>1.1</u>							
		DENSITY OF WATER				GMS/LITER@ <u>65 °F</u>							
RIVER/TIDE STAGE		MIN	0	TIME	09:13	MAX	0	TIME	17:49	GAGE LOCATION Ship Island			
		MIN	0	TIME	22:08	MAX	0	TIME	01:27	GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER		TEMP (min / max)		VISIBILITY		WIND					
		Weather Caused No Delay		42 °F / 63 °F		10		8					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
				5	14	EFFECTIVE WORKING TIME:							
AFT				10	17	PUMPING:		00:00	14:58	0.0			
						TURNING:		00:00	04:24	0.0			
DRAG DEPTH		MAX <u>39</u> MIN <u>40</u>				TO DUMP:		00:00	02:27	0.0			
INDICATORS LAST CHECKED ON <u>12/08/2014</u>						CONNECTING:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		DUMPING:		00:00	00:08	0.0			
				1		DISCONNECTING:		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		TO CUT:		00:00	02:03	0.0			
				1		TOTALS:		00:00	24:00	0.0			
GALLONS OF FUEL OIL CONSUMED				GAL		NON-EFFECTIVE WORKING TIME:							
				1,813		TAKING ON FUEL AND SUPPLIES:		00:00	00:00	0.0			
GALLONS OF WATER CONSUMED				GAL		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0			
				718		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0			
WORK PERFORMED						LOSS DUE TO TRAFFIC AND BRIDGES							
DREDGING AND HAULING				AGITATING		MINOR OPERATING REPAIRS:							
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TRANSFERRING BETWEEN WORKS:							
6	15,040	EPA West		7,556		LAY TIME:							
						FIRE AND BOAT DRILLS:							
						MISCELLANEOUS:							
						TOTALS:							
						00:00	00:00	0.0					
ATTENDANT PLANT						LOST TIME:							
ITEM	NAME OR NUMBER			H.P.	HOURS	MAJOR REPAIRS AND ALTERATIONS:							
Survey / Crew Boat	MV Speedy M			500	24:00	CESSATION:							
						COLLISIONS:							
						TOTALS:							
						00:00	00:00	0.0					
						TOTAL TIME/MILES:							
						00:00	24:00	0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 37
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport		DATE 11 Jan 2015 - Sunday

GENERAL COMMENTS

The Newport continued dredging in Sections 2 and 3. Six loads were dredged today; 309 total loads are dredged to date. The dredge experienced no delay on the day.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. No survey was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 99 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 38
--	---	--	-------------------------

CHARACTER OF REPORT	<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE 12 Jan 2015 - Monday
----------------------------	---	-------------------------------------

DREDGE (M/V Newport)	HOPPER CAP: <u>4,000</u> CY	AVG VOL OF BIN WATER: <u>276</u> CY	AVG UNFILLED CAP: <u>3,442</u> CY
	NO. OF CREW MEMBERS	DREDGE	OTHER PLANT
	0	0	
		WORK SCHEDULE	SHIFTS PER DAY
			2
			DAYS PER WEEK
			7

LOCATION OF WORK	LOCATION CHANNEL	REACH DREDGED; STA TO STA	DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
	Gulfport Bar Channel	Sections 5 and 6 Sta 835+00 to 935+00	EPA West	9,945	791,697
	AVG LENGTH OF CUT <u>5,000</u> FT	AVG WIDTH OF CUT <u>400</u> FT	AVG DIST TO DUMP <u>2</u> NM		

CHARACTER OF MATERIAL	DENSITY OF MATERIALS		GMS/LITER	<u>1.1</u>
	DENSITY OF WATER	1.025	GMS/LITER@	<u>65 °F</u>

RIVER/TIDE STAGE	MIN	0	TIME	09:08	MAX	0	TIME	15:36	GAGE LOCATION Ship Island
	MIN	0	TIME	00:00	MAX	0	TIME	00:00	GAGE DATUM MLLW

WEATHER CONDITION	WEATHER	TEMP (min / max)	VISIBILITY	WIND
	Weather Caused No Delay	59 °F / 75 °F	7	9

DRAFT				DISTRIBUTION OF TIME AND MILES RUN			
FORWARD	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
		5	14				
AFT				EFFECTIVE WORKING TIME:			
		10	17	PUMPING:	00:00	05:29	0.0
DRAG DEPTH MAX <u>39</u> MIN <u>40</u>				TURNING:	00:00	00:57	0.0
INDICATORS LAST CHECKED ON <u>12/08/2014</u>				TO DUMP:	00:00	01:18	0.0
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	CONNECTING:	00:00	00:00	0.0
			1	DUMPING:	00:00	00:08	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	DISCONNECTING:	00:00	00:00	0.0
			1	TO CUT:	00:00	01:08	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	TOTALS:	00:00	09:00	0.0
			660	NON-EFFECTIVE WORKING TIME:			
GALLONS OF WATER CONSUMED			GAL	TAKING ON FUEL AND SUPPLIES:	00:00	05:00	0.0
			421	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0

WORK PERFORMED				DISTRIBUTION OF TIME AND MILES RUN			
DREDGING AND HAULING			AGITATING	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
NO. OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
4	9,945	EPA West	4,996	MINOR OPERATING REPAIRS:	00:00	00:00	0.0
				TRANSFERRING BETWEEN WORKS:	00:00	00:00	0.0
				LAY TIME:	00:00	00:00	0.0
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0

ATTENDANT PLANT				DISTRIBUTION OF TIME AND MILES RUN			
ITEM	NAME OR NUMBER	H.P.	HOURS	MISCELLANEOUS:	00:00	10:00	0.0
Survey / Crew Boat	MV Speedy M	500	24:00	TOTALS:	00:00	15:00	0.0

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

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO. Page 100 of 100

CONTRACT NO. W91278-14-D-0087 0002	CONTRACT TITLE Maint Dredging of Gulfport Bar Channel	CONTRACTOR Manson Construction Co.	REPORT NO. 38
DREDGE QC NARRATIVE(S)	NAME AND TYPE M/V Newport	DATE 12 Jan 2015 - Monday	

GENERAL COMMENTS

The Newport continued dredging in Sections 2 and 3. Four loads were dredged today; 313 total loads are dredged to date. The dredge completed the contract with load 313. The Newport then took fuel and water, and is waiting for AD survey results.

The USACE has directed us to only dig Sta. 681+00 - 685+00 in Section 1, and that all material dredged will be dumped in the EPA West Disposal Area. Contract MOD 0001 in effect which limits disposal in EPA West Disposal Area to depths greater than -25 ft MLLW. USACE has directed us to continue to use one trawler.

24 Hour Sea turtle/gulf sturgeon trawling with the F/V Miss Adrienne continues ahead of the Dredge Newport. No turtles caught/tagged/released today, one to date for the project. No gulf sturgeon observed, none to date for the project.

24 hour crew boat M/V Speedy M is on site. AD survey of Sections 1-7 was conducted.

SAFETY

AHAs and JSAs are being routinely completed and review for daily tasks.

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
--------------------------------------	-------------	----------------------------------	-------------