

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO.					
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CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 5					
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/23/2020						
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK						
		15	4				2	7							
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 13,175	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 13,175						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60					
		DENSITY OF WATER			1.0060			GMS/LITER@		0 °F					
RIVER/TIDE STAGE		MIN	-0.30	TIME	22:02	MAX	1.91	TIME	11:30						
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 93 °F		VISIBILITY 10 MI		WIND 15 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
FORWARD		0		0		EFFECTIVE WORKING TIME:									
AFT		0		0		PUMPING:	00:00	05:33	0.0						
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:31	0.0						
INDICATORS LAST CHECKED ON		TO DUMP:	00:00	03:31	0.0		CONNECTING:	00:00	00:00						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	DUMPING:	00:00	00:40	0.0		DISCONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	TO CUT:	00:00	04:06	0.0		TOTALS:	00:00	14:21	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	0	NON-EFFECTIVE WORKING TIME:											
GALLONS OF WATER CONSUMED		GAL	0	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
WORK PERFORMED		DREDGING AND HAULING		AGITATING		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:47	0.0	
NO.OF LOADS 6	TOTAL CYS 13,175	DISPOSAL AREA ODMDS		TOTAL CYS 0	MINOR OPERATING REPAIRS	00:00	00:00	0.0		TRANSFERRING BETWEEN WORKS	00:00	06:57	0.0		
ATTENDANT PLANT		LAY TIME:	00:00	00:00	0.0		FIRE AND BOAT DRILLS:	00:00	01:55	0.0		MISCELLANEOUS	00:00	00:00	0.0
ITEM	NAME OR NUMBER		H.P.	HOURS	TOTALS	00:00	09:39	0.0		LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		CESSATION:	00:00	00:00	0.0		COLLISIONS:	00:00	00:00	0.0	
TOTALS		00:00	00:00	0.0		TOTALS:	00:00	00:00	0.0		TOTAL TIME/MILES:		00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W9127820F0001 W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 1
DREDGE	NAME AND TYPE M/V Columbia	DATE 06/23/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	06:57 08:11	61 13	46 8 100	228 2,635 0
2	350+00-400+00 ODMDS	11:50 12:56	66 0	45 8 0	119 2,635 0
3	350+00-400+00 ODMDS	13:49 14:39	50 0	41 8 49	148 2,635 0
4	350+00-400+00 ODMDS	17:54 19:09	67 8	41 8 0	124 2,635 0
5	350+00-400+00 ODMDS	19:58 21:12	64 10	38 8 38	158 2,635 0
6	350+00-400+00 ODMDS	22:36 23:01	25 0	0 0 59	84 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

Dredge Columbia dug loads 1-5 and deposited in ODS began digging load 6

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO.	
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CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 2	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/24/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 21,080	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 34,255		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER	2.60		
		DENSITY OF WATER			1.0060			GMS/LITER@	0 °F		
RIVER/TIDE STAGE		MIN	-0.20	TIME	22:50	MAX	1.82	TIME	12:21		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay			TEMP 73 °F / 87 °F		VISIBILITY 10 MI	WIND 14 MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		0	0			EFFECTIVE WORKING TIME:					
AFT		0	0			PUMPING:	00:00	08:44	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:21	0.0		
INDICATORS LAST CHECKED ON						TO DUMP:	00:00	05:20	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	01:04	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	1,560			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	561			TO CUT:	00:00	05:22	0.0		
						TOTALS:	00:00	20:51	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	02:53	0.0		
9		21,080	ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
ATTENDANT PLANT						FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	MISCELLANEOUS	00:00	00:16	0.0		
						TOTALS	00:00	03:09	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 4 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.		REPORT NO. 2
DREDGE	NAME AND TYPE M/V Columbia			DATE 06/24/2020

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00	00:00	45	46	99
	ODMDS	00:45	0	8 0	2,635 0
2	350+00-400+00	01:39	67	39	174
	ODMDS	02:46	0	8 60	2,635 0
3	350+00-400+00	04:33	75	35	169
	ODMDS	05:52	4	8 47	2,635 0
4	350+00-400+00	07:22	63	34	149
	ODMDS	08:29	4	8 40	2,635 0
5	350+00-400+00	10:07	60	41	140
	ODMDS	11:10	3	8 28	2,635 0
6	350+00-400+00	12:27	61	50	164
	ODMDS	13:28	0	8 45	2,635 0
7	350+00-400+00	18:04	60	41	149
	ODMDS	19:09	5	8 35	2,635 0
8	350+00-400+00	20:33	69	34	147
	ODMDS	21:47	5	8 31	2,635 0
9	350+00-400+00	23:00	24	0	60
	ODMDS	23:24	0	0 36	0 0

QC NARRATIVE(S)

GENERAL COMMENTS

Dredge Columbia finished load 6, dug loads 7-13 and deposited in ODS began digging load 14.

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 5 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 3	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/25/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 23,715	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 57,970		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN	-0.04	TIME	23:19	MAX	1.66	TIME	13:16		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 91 °F		VISIBILITY 10 MI		WIND 9 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:	00:00	09:33	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:09	0.0			
INDICATORS LAST CHECKED ON		TO DUMP:	00:00	05:48	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		DUMPING:	00:00	01:19	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,079		TO CUT:	00:00	05:29	0.0			
GALLONS OF WATER CONSUMED		GAL	561		TOTALS:	00:00	22:18	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
		TAKING ON FUEL AND SUPPLIES			00:00	01:21	0.0				
		DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS 10	TOTAL CYS 23,715	DISPOSAL AREA ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	MINOR OPERATING REPAIRS	00:00	00:00	0.0			
		TRANSFERRING BETWEEN WORKS	00:00	00:00	LAY TIME:	00:00	00:00	0.0			
		ATTENDANT PLANT	ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
		MISCELLANEOUS	00:00	00:21	TOTALS	00:00	01:42	0.0			
		LOST TIME:	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0					
		CESSATION:	00:00	00:00	0.0						
		COLLISIONS:	00:00	00:00	0.0						
		TOTALS:	00:00	00:00	0.0						
		TOTAL TIME/MILES:	00:00	24:00	0.0						

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 6 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 3	
			DATE 06/25/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 00:46	46 0	41 8 0	95 2,635 0
2	350+00-400+00 ODMDS	01:35 02:41	66 0	41 8 49	164 2,635 0
3	350+00-400+00 ODMDS	04:19 05:23	64 0	40 8 47	159 2,635 0
4	350+00-400+00 ODMDS	06:58 08:00	62 0	39 8 30	139 2,635 0
5	350+00-400+00 ODMDS	10:38 11:50	72 0	43 8 30	153 2,635 0
6	350+00-400+00 ODMDS	13:32 14:38	66 0	47 8 38	159 2,635 0
7	350+00-400+00 ODMDS	16:11 17:22	65 6	34 8 46	159 2,635 0
8	350+00-400+00 ODMDS	18:50 19:57	64 3	34 15 31	147 2,635 0
9	350+00-400+00 ODMDS	21:17 22:25	68 0	29 8 29	134 2,635 0
10	350+00-400+00 ODMDS	23:31 23:31	0 0	0 0 29	29 0 0

QC NARRATIVE(S)
GENERAL COMMENTS
Dredge Columbia finished load 14, dug loads 15-22 and deposited in ODMDS began digging load 23.

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 7 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 4	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/26/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 23,715	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 81,685		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.18	TIME 23:35	MAX 1.42	TIME 14:04	GAGE LOCATION		Pascagoula Point			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 90 °F		VISIBILITY 10 MI	WIND 9 MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		0	0		EFFECTIVE WORKING TIME:						
AFT		0	0		PUMPING:	00:00	10:38	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:34	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	05:13	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	01:17	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,908		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	561		TO CUT:	00:00	05:35	0.0			
					TOTALS:	00:00	23:17	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS 10	TOTAL CYS 23,715	DISPOSAL AREA ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:43	0.0		
						TOTALS	00:00	00:43	0.0		
LOST TIME:											
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 8 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 4
DREDGE	NAME AND TYPE M/V Columbia	DATE 06/26/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00	00:00	67	40	148
	ODMDS	01:07	0	8	2,635
				33	0
2	350+00-400+00	02:28	70	42	164
	ODMDS	03:38	0	8	2,635
				44	0
3	350+00-400+00	05:12	66	32	143
	ODMDS	06:18	0	8	2,635
				37	0
4	350+00-400+00	07:35	68	33	143
	ODMDS	08:49	6	8	2,635
				28	0
5	350+00-400+00	09:58	73	36	159
	ODMDS	11:21	10	6	2,635
				34	0
6	350+00-400+00	13:20	63	38	156
	ODMDS	14:33	10	8	2,635
				37	0
7	350+00-400+00	15:56	64	31	155
	ODMDS	17:08	8	15	2,635
				37	0
8	350+00-400+00	18:31	66	31	134
	ODMDS	19:37	0	8	2,635
				29	0
9	350+00-400+00	20:45	60	30	125
	ODMDS	21:45	0	8	2,635
				27	0
10	350+00-400+00	22:50	41	0	70
	ODMDS	23:31	0	0	0
				29	0

QC NARRATIVE(S)
GENERAL COMMENTS
Dredge Columbia finished load 23, dug loads 24-31 and deposited in ODMDS began digging load 32.

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 9 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 5	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/27/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 23,715	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 105,400		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.42	TIME 11:48	MAX 1.10	TIME 14:34	GAGE LOCATION		Pascagoula Point			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 91 °F		VISIBILITY 10 MI	WIND 8 MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		0	0		EFFECTIVE WORKING TIME:						
AFT		0	0		PUMPING:	00:00	10:45	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:36	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	05:14	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	01:12	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,110		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	748		TO CUT:	00:00	04:55	0.0			
					TOTALS:	00:00	22:42	0.0			
NON-EFFECTIVE WORKING TIME:											
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS 10	TOTAL CYS 23,715	DISPOSAL AREA ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:23	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
						MISCELLANEOUS	00:00	00:55	0.0		
						TOTALS	00:00	01:18	0.0		
LOST TIME:											
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 10 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 5
DREDGE	NAME AND TYPE M/V Columbia	DATE 06/27/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00	00:00	51	36	95
	ODMDS	00:51	0	8 0	2,635 0
2	350+00-400+00	01:35	71	41	155
	ODMDS	02:46	0	8 35	2,635 0
3	350+00-400+00	04:10	67	31	153
	ODMDS	05:25	8	8 39	2,635 0
4	350+00-400+00	06:43	64	31	137
	ODMDS	07:54	7	8 27	2,635 0
5	350+00-400+00	09:00	62	36	139
	ODMDS	10:06	4	8 29	2,635 0
6	350+00-400+00	11:59	69	38	153
	ODMDS	13:13	5	8 33	2,635 0
7	350+00-400+00	14:32	66	37	149
	ODMDS	15:38	0	8 38	2,635 0
8	350+00-400+00	17:24	63	32	140
	ODMDS	18:31	4	8 33	2,635 0
9	350+00-400+00	19:44	63	30	136
	ODMDS	20:50	3	8 32	2,635 0
10	350+00-400+00	22:15	69	2	105
	ODMDS	23:29	5	0 29	0 0

QC NARRATIVE(S)
GENERAL COMMENTS
Dredge Columbia finished load 32, dug loads 33-40 and deposited in ODMDS began digging load 41.

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 11 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 6			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/28/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		4				2		7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour				REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 23,715		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 129,115	
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@		0 °F			
RIVER/TIDE STAGE		MIN 0.63		TIME 23:48		MAX 0.97		TIME 08:17		GAGE LOCATION Pascagoula Point			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 93 °F		VISIBILITY 10 MI		WIND 9 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
LIGHT		LOADED						AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		0		0		EFFECTIVE WORKING TIME:							
AFT		0		0		PUMPING:		00:00		09:55		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:27		0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		05:30		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:12		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,643		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		05:13		0.0	
						TOTALS:		00:00		22:17		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS 10		TOTAL CYS 23,715		DISPOSAL AREA ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:18	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
								MISCELLANEOUS		00:00		01:25	0.0
								TOTALS		00:00		01:43	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 12 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 6
DREDGE	NAME AND TYPE M/V Columbia	DATE 06/28/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00	00:00	0	35	43
	ODMDS	00:00	0	8	2,635
				0	0
2	350+00-400+00	00:43	71	42	157
	ODMDS	01:54	0	8	2,635
				36	0
3	350+00-400+00	03:20	64	41	151
	ODMDS	04:24	0	8	2,635
				38	0
4	350+00-400+00	05:51	61	32	142
	ODMDS	06:58	6	8	2,635
				35	0
5	350+00-400+00	08:13	65	34	146
	ODMDS	09:24	6	8	2,635
				33	0
6	350+00-400+00	11:31	69	40	153
	ODMDS	12:40	0	8	2,635
				36	0
7	350+00-400+00	14:22	70	41	155
	ODMDS	15:32	0	8	2,635
				36	0
8	350+00-400+00	17:15	65	33	145
	ODMDS	18:24	4	8	2,635
				35	0
9	350+00-400+00	19:40	61	32	140
	ODMDS	20:45	4	8	2,635
				35	0
10	350+00-400+00	22:15	69	0	105
	ODMDS	23:31	7	0	0
				29	0

QC NARRATIVE(S)
GENERAL COMMENTS
Dredge Columbia finished load 41, dug loads 42-49 and deposited in ODMDS began digging load 50.

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 13 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 7	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/29/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4					2	7		
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 26,350	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 155,465		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN	0.63	TIME	23:48	MAX	0.97	TIME	08:17		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI	WIND 15 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	10:16	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:16	0.0			
INDICATORS LAST CHECKED ON		TO DUMP:	00:00	06:04	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		DUMPING:	00:00	01:53	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,489		TO CUT:	00:00	05:19	0.0			
GALLONS OF WATER CONSUMED		GAL	748		TOTALS:	00:00	23:48	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
		TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0					
		DREDGING AND HAULING		AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS 11	TOTAL CYS 26,350	DISPOSAL AREA ODMDS		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	MINOR OPERATING REPAIRS	00:00	00:00	0.0			
		TRANSFERRING BETWEEN WORKS	00:00	00:00	LAY TIME:	00:00	00:00	0.0			
		FIRE AND BOAT DRILLS:	00:00	00:00	MISCELLANEOUS	00:00	00:12	0.0			
		TOTALS	00:00	00:12	TOTALS	00:00	00:12	0.0			
ATTENDANT PLANT					LOST TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
		CESSATION:	00:00	00:00	0.0	COLLISIONS:	00:00	00:00	0.0		
		TOTALS:	00:00	00:00	0.0	TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE							PAGE NO.	
							Page 15 of 95	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W9127820F0001 W9127820F0140		IDIQ Hopper Dredge for Pascagoula Harbor			Dutra Dredging Co.		8	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							06/30/2020	
DREDGE		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY		
M/V Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	4			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)
		Pascagoula Harbour		350+00 - 400+00		ODMDS	23,715	179,180
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		
		5000 FT		400 FT		4 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER	2.60
		DENSITY OF WATER			1.0060		GMS/LITER@	80 °F
RIVER/TIDE STAGE		MIN	0.63	TIME	23:48	MAX	0.97	TIME
		08:17	GAGE LOCATION	Pascagoula Point				
		MIN	0.00	TIME	00:00	MAX	0.00	TIME
		00:00	GAGE DATUM	MLLW				
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND
		Weather Caused No Delay			75 °F / 95 °F		10 MI	12 MPH
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18	EFFECTIVE WORKING TIME:			
AFT		12		17	PUMPING:	00:00	09:33	0.0
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:07	0.0
INDICATORS LAST CHECKED ON		09/01/2019						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	05:37	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	1,489		DUMPING:	00:00	02:08	0.0
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:	00:00	00:00	0.0
					TO CUT:	00:00	04:25	0.0
					TOTALS:	00:00	21:50	0.0
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
9	23,715	ODMDS	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:30	0.0	
				MINOR OPERATING REPAIRS	00:00	00:50	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	02:10	0.0	
ATTENDANT PLANT				LOST TIME:				
ITEM	NAME OR NUMBER	H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
Crew Boat	Cape Anne	400	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 16 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 8
DREDGE	NAME AND TYPE M/V Columbia	DATE 06/30/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 00:44	44 0	38 8 0	90 2,635 0
2	350+00-400+00 ODMDS	01:30 02:41	71 0	42 8 33	154 2,635 0
3	350+00-400+00 ODMDS	04:04 05:08	64 0	33 8 36	141 2,635 0
4	350+00-400+00 ODMDS	06:55 07:58	60 3	33 8 25	129 2,635 0
5	350+00-400+00 ODMDS	09:04 10:10	62 4	35 8 30	139 2,635 0
6	350+00-400+00 ODMDS	12:13 13:23	70 0	40 17 39	166 2,635 0
7	350+00-400+00 ODMDS	14:59 16:09	70 0	38 8 33	149 2,635 0
8	350+00-400+00 ODMDS	17:28 18:31	63 0	41 60 38	202 2,635 0
9	350+00-400+00 ODMDS	21:20 22:29	69 0	37 3 31	140 2,635 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE							PAGE NO.	
							Page 17 of 95	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W9127820F0001 W9127820F0140		IDIQ Hopper Dredge for Pascagoula Harbor			Dutra Dredging Co.		9	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/01/2020	
DREDGE		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY		
M/V Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	4			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)	
		Pascagoula Harbour	350+00 - 400+00		ODMDS	23,715	202,895	
		AVG LENGTH OF CUT	5000 FT	AVG WIDTH OF CUT	400 FT	AVG DIST TO DUMP	4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60	GMS/LITER	2.60	
		DENSITY OF WATER			1.0060	GMS/LITER@	80 °F	
RIVER/TIDE STAGE		MIN	0.63	TIME	23:48	MAX	0.97	
		MIN	0.00	TIME	00:00	MAX	0.00	
				TIME	08:17			
				TIME	00:00			
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		75 °F / 92 °F	10 MI	25 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:		
AFT		12		17		PUMPING:		
						00:00		
						10:00		
						0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		
						00:00		
						00:06		
						0.0		
INDICATORS LAST CHECKED ON		09/01/2019		TO DUMP:		00:00		
						05:33		
						0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		00:00		
						00:00		
						0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,383		DUMPING:		
GALLONS OF WATER CONSUMED		GAL		1,122		00:00		
						02:22		
						0.0		
						DISCONNECTING:		
						00:00		
						00:00		
						0.0		
						TO CUT:		
						00:00		
						04:59		
						0.0		
						TOTALS:		
						00:00		
						23:00		
						0.0		
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES				
AGITATING				00:00				
NO.OF LOADS				TO AND FROM WHARF OR ANCHORAGE:				
10				00:00				
TOTAL CYS				LOSS DUE TO NATURAL ELEMENTS:				
23,715				00:00				
DISPOSAL AREA				LOSS DUE TO TRAFFIC AND BRIDGES				
ODMDS				00:00				
TOTAL CYS				MINOR OPERATING REPAIRS				
0				00:00				
				TRANSFERRING BETWEEN WORKS				
				00:00				
				LAY TIME:				
				00:00				
				FIRE AND BOAT DRILLS:				
				00:00				
				MISCELLANEOUS				
				00:00				
				TOTALS				
				00:00				
				01:00				
				0.0				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS				
				00:00				
				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 18 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 9
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/01/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 00:00	0 0	0 4 0	4 2,635 0
2	350+00-400+00 ODMDS	00:04 01:19	75 0	41 8 39	163 2,635 0
3	350+00-400+00 ODMDS	02:47 04:05	78 0	39 8 34	159 2,635 0
4	350+00-400+00 ODMDS	05:26 06:30	64 0	34 10 27	135 2,635 0
5	350+00-400+00 ODMDS	07:41 08:41	60 0	33 25 27	145 2,635 0
6	350+00-400+00 ODMDS	10:36 11:43	67 0	40 8 25	140 2,635 0
7	350+00-400+00 ODMDS	12:56 13:56	60 0	43 13 35	151 2,635 0
8	350+00-400+00 ODMDS	15:27 16:32	65 0	37 54 36	192 2,635 0
9	350+00-400+00 ODMDS	18:39 19:50	65 6	31 8 45	155 2,635 0
10	350+00-400+00 ODMDS	21:14 22:20	66 0	35 4 31	136 0 0

QC NARRATIVE(S)

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 19 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 10	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/02/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		350+00 - 400+00			ODMDS		26,350		229,245
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.63		TIME 23:48		MAX 0.97		TIME 08:17		GAGE LOCATION Pascagoula Point	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 93 °F		VISIBILITY 10 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		09:27 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:34 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		05:06 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:55 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,102		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		05:40 0.0	
WORK PERFORMED						TOTALS:		00:00		22:42 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES			
12		26,350		ODMDS		0		00:00		00:00 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:24 0.0	
LOSS DUE TO NATURAL ELEMENTS:						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
LOSS DUE TO TRAFFIC AND BRIDGES						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:18 0.0	
MINOR OPERATING REPAIRS						MINOR OPERATING REPAIRS		00:00		00:00 0.0	
TRANSFERRING BETWEEN WORKS						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
LAY TIME:						LAY TIME:		00:00		00:00 0.0	
FIRE AND BOAT DRILLS:						FIRE AND BOAT DRILLS:		00:00		00:00 0.0	
MISCELLANEOUS						MISCELLANEOUS		00:00		00:36 0.0	
TOTALS						TOTALS		00:00		01:18 0.0	
LOST TIME:						LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	
ATTENDANT PLANT		ITEM		NAME OR NUMBER		H.P.		HOURS			
		Crew Boat		Cape Anne		400		24:00			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 20 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 10	
			DATE 07/02/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 00:00	0 0	0 4 0	4 2,635 0
2	350+00-400+00 ODMDS	00:00 00:00	0 0	0 0 0	0 0 0
3	350+00-400+00 ODMDS	00:04 01:09	65 0	36 21 37	159 2,635 0
4	350+00-400+00 ODMDS	02:43 03:48	65 0	36 8 32	141 2,635 0
5	350+00-400+00 ODMDS	05:40 06:50	64 6	37 16 26	149 2,635 0
6	350+00-400+00 ODMDS	08:09 09:15	62 4	36 8 31	141 2,635 0
7	350+00-400+00 ODMDS	10:30 11:40	66 4	36 8 31	145 2,635 0
8	350+00-400+00 ODMDS	12:55 13:34	39 0	31 8 38	116 2,635 0
9	350+00-400+00 ODMDS	15:09 16:16	60 7	32 8 43	150 2,635 0
10	350+00-400+00 ODMDS	17:39 18:46	61 6	31 8 39	145 2,635 0
11	350+00-400+00 ODMDS	20:04 21:36	85 7	31 26 33	182 2,635 0
12	350+00-400+00 ODMDS	23:06 23:06	0 0	0 0 30	30 0 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 21 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 11	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/03/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		350+00 - 400+00			ODMDS		0		229,245
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.63		TIME 23:48		MAX 0.97		TIME 08:17		GAGE LOCATION Pascagoula Point	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		00:00 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON 09/01/2019						TO DUMP:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:00 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,225		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		00:00 0.0	
WORK PERFORMED						TOTALS:		00:00		00:00 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES		00:00 03:36 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		09:42 0.0	
LOSS DUE TO NATURAL ELEMENTS:						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
LOSS DUE TO TRAFFIC AND BRIDGES						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00 0.0	
MINOR OPERATING REPAIRS						MINOR OPERATING REPAIRS		00:00		10:42 0.0	
TRANSFERRING BETWEEN WORKS						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00 00:00 0.0	
TOTALS						TOTALS		00:00		24:00 0.0	
LOST TIME:						LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 22 of 95

CONTRACT NO.
W9127820F0001
W9127820F0140

CONTRACT TITLE
IDIQ Hopper Dredge for Pascagoula Harbor

CONTRACTOR
Dutra Dredging Co.

REPORT NO.
11

DREDGE

NAME AND TYPE
M/V Columbia

DATE
07/03/2020

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE							PAGE NO.	
							Page 23 of 95	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W9127820F0001 W9127820F0140		IDIQ Hopper Dredge for Pascagoula Harbor			Dutra Dredging Co.		12	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/04/2020	
DREDGE		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY		
M/V Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	4			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)	
		Pascagoula Harbour	350+00 - 400+00		ODMDS	23,715	252,960	
		AVG LENGTH OF CUT	5000 FT	AVG WIDTH OF CUT	400 FT	AVG DIST TO DUMP	4 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60	GMS/LITER	2.60	
		DENSITY OF WATER			1.0060	GMS/LITER@	80 °F	
RIVER/TIDE STAGE		MIN	0.02	TIME	20:00	MAX	2.42	
		MIN	0.00	TIME	00:00	MAX	0.00	
						TIME	09:00	
						TIME	00:00	
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		78 °F / 95 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	10	18		EFFECTIVE WORKING TIME:				
AFT	12	17		PUMPING:	00:00	08:42	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:13	0.0	
INDICATORS LAST CHECKED ON 09/01/2019				TO DUMP:	00:00	04:09	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				DUMPING:	00:00	01:19	0.0	
GALLONS OF FUEL OIL CONSUMED				DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED				TO CUT:	00:00	04:28	0.0	
				TOTALS:	00:00	18:51	0.0	
				NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING				TO AND FROM WHARF OR ANCHORAGE:	00:00	04:40	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
9	23,715	ODMDS		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS	00:00	00:29	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
Crew Boat	Cape Anne	400	24:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	05:09	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 24 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 12	
			DATE 07/04/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	04:40 05:51	71 0	31 8 0	110 2,635 0
2	350+00-400+00 ODMDS	06:30 07:38	68 0	30 8 30	136 2,635 0
3	350+00-400+00 ODMDS	08:46 09:54	68 0	31 23 27	149 2,635 0
4	350+00-400+00 ODMDS	11:15 12:22	62 5	31 8 45	151 2,635 0
5	350+00-400+00 ODMDS	13:46 14:41	51 4	31 8 39	133 2,635 0
6	350+00-400+00 ODMDS	15:59 17:07	64 4	33 8 43	152 2,635 0
7	350+00-400+00 ODMDS	19:00 20:10	70 0	30 8 32	140 2,635 0
8	350+00-400+00 ODMDS	21:20 22:28	68 0	32 8 28	136 2,635 0
9	350+00-400+00 ODMDS	23:36 23:36	0 0	0 0 24	24 2,635 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 25 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 13	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/05/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		350+00 - 400+00			ODMDS		21,080		274,040
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.06		TIME 23:00		MAX 2.14		TIME 08:00		GAGE LOCATION Pascagoula NOAA LAB	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 96 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		09:00 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:14 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:08 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:38 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,081		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		04:27 0.0	
WORK PERFORMED						TOTALS:		00:00		19:27 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES			
9		21,080		ODMDS		0		00:00		00:00 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00 0.0	
LOSS DUE TO NATURAL ELEMENTS:						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
LOSS DUE TO TRAFFIC AND BRIDGES						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00 0.0	
MINOR OPERATING REPAIRS						MINOR OPERATING REPAIRS		00:00		04:33 0.0	
TRANSFERRING BETWEEN WORKS						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
LAY TIME:						LAY TIME:		00:00		00:00 0.0	
FIRE AND BOAT DRILLS:						FIRE AND BOAT DRILLS:		00:00		00:00 0.0	
MISCELLANEOUS						MISCELLANEOUS		00:00		00:00 0.0	
TOTALS						TOTALS		00:00		04:33 0.0	
LOST TIME:						LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	
ATTENDANT PLANT		ITEM		NAME OR NUMBER		H.P.		HOURS			
		Crew Boat		Cape Anne		400		24:00			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 26 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 13	
			DATE 07/05/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 01:15	75 0	30 8 5	118 2,635 0
2	350+00-400+00 ODMDS	01:58 03:02	64 0	30 8 36	138 2,635 0
3	350+00-400+00 ODMDS	04:16 05:24	68 0	31 13 37	149 2,635 0
4	350+00-400+00 ODMDS	06:45 07:56	71 0	31 39 39	180 2,635 0
5	350+00-400+00 ODMDS	09:45 10:51	61 5	33 8 38	145 2,635 0
6	350+00-400+00 ODMDS	16:43 17:55	67 5	32 6 35	145 2,635 0
7	350+00-400+00 ODMDS	19:08 20:15	63 4	31 8 32	138 2,635 0
8	350+00-400+00 ODMDS	21:26 22:37	71 0	30 8 36	145 2,635 0
9	350+00-400+00 ODMDS	23:51 23:51	0 0	0 0 9	9 0 0

QC NARRATIVE(S)

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.
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 27 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 14	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/06/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		350+00 - 400+00			ODMDS		26,350		300,390
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.28		TIME 22:00		MAX 2.36		TIME 09:00		GAGE LOCATION Pascagoula NOAA LAB	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 96 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		09:16 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:17 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		05:36 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:55 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,012		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		06:27 0.0	
WORK PERFORMED						TOTALS:		00:00		23:31 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES			
11		26,350		ODMDS		0		00:00		00:00 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00 0.0	
LOSS DUE TO NATURAL ELEMENTS:						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
LOSS DUE TO TRAFFIC AND BRIDGES						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:29 0.0	
MINOR OPERATING REPAIRS						MINOR OPERATING REPAIRS		00:00		00:00 0.0	
TRANSFERRING BETWEEN WORKS						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
LAY TIME:						LAY TIME:		00:00		00:00 0.0	
FIRE AND BOAT DRILLS:						FIRE AND BOAT DRILLS:		00:00		00:00 0.0	
MISCELLANEOUS						MISCELLANEOUS		00:00		00:00 0.0	
TOTALS						TOTALS		00:00		00:29 0.0	
LOST TIME:						LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	
ATTENDANT PLANT						ATTENDANT PLANT					
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:			
Crew Boat		Cape Anne		400		24:00		00:00		00:00 0.0	
MISCELLANEOUS						MISCELLANEOUS		00:00		00:00 0.0	
TOTALS						TOTALS		00:00		00:29 0.0	
LOST TIME:						LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 28 of 95	
CONTRACT NO. W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE M/V Columbia			REPORT NO. 14	
					DATE 07/06/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 00:34	34 0	31 8 28	101 2,635 0
2	350+00-400+00 ODMDS	01:41 02:47	66 0	31 8 37	142 2,635 0
3	350+00-400+00 ODMDS	04:03 05:14	63 8	29 20 39	159 2,635 0
4	350+00-400+00 ODMDS	06:42 07:52	70 0	30 8 45	153 2,635 0
5	350+00-400+00 ODMDS	09:15 10:28	73 0	33 8 29	143 2,635 0
6	350+00-400+00 ODMDS	11:38 12:32	50 4	32 8 31	125 2,635 0
7	350+00-400+00 ODMDS	13:43 14:31	43 5	37 31 36	152 2,635 0
8	350+00-400+00 ODMDS	16:15 16:49	34 0	41 8 42	125 2,635 0
9	350+00-400+00 ODMDS	18:49 19:47	58 0	37 8 37	140 2,635 0
10	350+00-400+00 ODMDS	21:09 22:14	65 0	35 8 37	145 2,635 0
11	350+00-400+00 ODMDS	23:34 23:34	0 0	0 0 26	26 0 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 29 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 15	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/07/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	15		4			2	7		
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 23,715	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 324,105		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 4 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN	0.07	TIME	23:00	MAX	1.97	TIME	13:00	GAGE LOCATION Pascagoula NOAA LAB	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 93 °F		VISIBILITY 10 MI		WIND 15 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	09:42	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:11	0.0		
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:	00:00	06:06	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	01:27	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,277			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	748			TO CUT:	00:00	06:34	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
10		23,715	ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
Crew Boat		Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	00:00	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 30 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 15
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/07/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00	00:00	59	36	119
	ODMDS	00:59	0	8	2,635
				16	0
2	350+00-400+00	01:59	84	38	171
	ODMDS	03:34	11	8	2,635
				30	0
3	350+00-400+00	04:50	61	37	165
	ODMDS	05:51	0	10	2,635
				57	0
4	350+00-400+00	07:35	57	36	144
	ODMDS	08:32	0	8	2,635
				43	0
5	350+00-400+00	09:59	59	38	138
	ODMDS	10:58	0	8	2,635
				33	0
6	350+00-400+00	12:17	61	37	146
	ODMDS	13:18	0	8	2,635
				40	0
7	350+00-400+00	14:43	52	41	143
	ODMDS	15:35	0	8	2,635
				42	0
8	350+00-400+00	17:06	38	36	135
	ODMDS	17:44	0	20	2,635
				41	0
9	350+00-400+00	19:21	45	32	121
	ODMDS	20:06	0	4	2,635
				40	0
10	350+00-400+00	21:22	66	35	158
	ODMDS	22:28	0	5	0
				52	0

QC NARRATIVE(S)

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE						PAGE NO. Page 31 of 95		
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor			CONTRACTOR Dutra Dredging Co.		REPORT NO. 16	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 07/08/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY		
		NO. OF CREW MEMBERS	DREDGE 15	OTHER PLANT 4	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour		REACH DREDGED; STA TO STA 350+00 - 400+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 26,350	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 350,455
		AVG LENGTH OF CUT 5000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 2 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER 2.60	
		DENSITY OF WATER			1.0060		GMS/LITER@ 84 °F	
RIVER/TIDE STAGE		MIN 0.13	TIME 00:00	MAX 1.85	TIME 11:00	GAGE LOCATION Pascagoula NOAA LAB		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 72 °F / 93 °F	VISIBILITY 10 MI	WIND 15 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	10	18		EFFECTIVE WORKING TIME:				
AFT	12	17		PUMPING:	00:00	10:18	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:38	0.0	
INDICATORS LAST CHECKED ON 09/01/2019				TO DUMP:	00:00	05:25	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	01:38	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,318	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	935	TO CUT:	00:00	05:38	0.0	
				TOTALS:	00:00	23:37	0.0	
NON-EFFECTIVE WORKING TIME:								
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS 11	TOTAL CYS 26,350	DISPOSAL AREA ODMDS	TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
Crew Boat	Cape Anne	400	24:00	MISCELLANEOUS	00:00	00:23	0.0	
				TOTALS	00:00	00:23	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE		PAGE NO. Page 32 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.
DREDGE	NAME AND TYPE M/V Columbia	REPORT NO. 16 DATE 07/08/2020

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 00:00	0 0	0 3 0	3 2,635 0
2	350+00-400+00 ODMDS	00:03 01:19	70 6	36 8 32	152 2,635 0
3	350+00-400+00 ODMDS	02:35 03:48	67 6	35 8 30	146 2,635 0
4	350+00-400+00 ODMDS	05:01 06:15	67 7	30 15 30	149 2,635 0
5	350+00-400+00 ODMDS	07:30 08:51	81 0	35 24 37	177 2,635 0
6	350+00-400+00 ODMDS	10:27 11:40	73 0	38 8 37	156 2,635 0
7	350+00-400+00 ODMDS	13:03 13:54	47 4	41 8 29	129 2,635 0
8	350+00-400+00 ODMDS	15:12 15:48	36 0	38 8 37	119 2,635 0
9	350+00-400+00 ODMDS	17:11 17:43	32 0	38 8 34	112 2,635 0
10	350+00-400+00 ODMDS	19:03 20:17	66 8	34 8 34	150 2,635 0
11	350+00-400+00 ODMDS	21:56 23:22	79 7	0 0 38	124 0 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 33 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 17	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/09/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		350+00 - 400+00			ODMDS		21,080		371,535
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90		TIME 01:00		MAX 1.65		TIME 12:00		GAGE LOCATION Pascagoula NOAA LAB	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 93 °F		VISIBILITY 10 MI		WIND 15 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		08:21 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:52 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:53 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:33 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,701		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		04:51 0.0	
WORK PERFORMED						TOTALS:		00:00		20:30 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES			
9		21,080		ODMDS		0		00:00		00:00 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00 0.0	
LOSS DUE TO NATURAL ELEMENTS:						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
LOSS DUE TO TRAFFIC AND BRIDGES						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:10 0.0	
MINOR OPERATING REPAIRS						MINOR OPERATING REPAIRS		00:00		03:20 0.0	
TRANSFERRING BETWEEN WORKS						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
LAY TIME:						LAY TIME:		00:00		00:00 0.0	
FIRE AND BOAT DRILLS:						FIRE AND BOAT DRILLS:		00:00		00:00 0.0	
MISCELLANEOUS						MISCELLANEOUS		00:00		00:00 0.0	
TOTALS						TOTALS		00:00		03:30 0.0	
LOST TIME:						LOST TIME:					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE				PAGE NO. Page 34 of 95	
CONTRACT NO. W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE M/V Columbia			REPORT NO. 17
					DATE 07/09/2020

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00	00:00	7	31	46
	ODMDS	00:07	0	8	2,635
				0	0
2	350+00-400+00	00:46	64	32	154
	ODMDS	01:56	6	11	2,635
				41	0
3	350+00-400+00	03:20	60	35	153
	ODMDS	04:28	8	12	2,635
				38	0
4	350+00-400+00	05:53	65	35	147
	ODMDS	07:06	8	11	2,635
				28	0
5	350+00-400+00	08:30	85	47	182
	ODMDS	10:03	8	12	2,635
				30	0
6	350+00-400+00	11:32	79	37	186
	ODMDS	12:57	6	15	2,635
				49	0
7	350+00-400+00	14:38	60	37	154
	ODMDS	15:46	8	14	2,635
				35	0
8	350+00-400+00	17:12	76	39	168
	ODMDS	18:36	8	10	2,635
				35	0
9	350+00-400+00	23:20	5	0	40
	ODMDS	23:25	0	0	0
				35	0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO.	
										Page 35 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 18	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/10/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		350+00 - 400+00			ODMDS		27,213		398,748
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90		TIME 01:00		MAX 1.65		TIME 12:00		GAGE LOCATION Pascagoula NOAA LAB	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 95 °F		VISIBILITY 10 MI		WIND 10/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		09:27	0.0
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:00	0.0
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		05:40	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:56	0.0
GALLONS OF FUEL OIL CONSUMED		GAL		1,686		DISCONNECTING:		00:00		00:00	0.0
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		05:28	0.0
						TOTALS:		00:00		23:31	0.0
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES		00:00		00:00	0.0
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		0.0	
10		27,213		ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		0.0	
								MINOR OPERATING REPAIRS		0.0	
								TRANSFERRING BETWEEN WORKS		0.0	
								LAY TIME:		0.0	
								FIRE AND BOAT DRILLS:		0.0	
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		0.0	
								TOTALS		0.0	
								LOST TIME:		0.0	
								MAJOR REPAIRS AND ALTERNATIONS		0.0	
								CESSATION:		0.0	
								COLLISIONS:		0.0	
								TOTALS:		0.0	
								TOTAL TIME/MILES:		0.0	
								00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 36 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 18
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/10/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-400+00 ODMDS	00:00 01:07	62 5	43 10 0	120 2,820 0
2	350+00-400+00 ODMDS	02:31 03:39	60 8	33 12 31	144 2,801 0
3	350+00-400+00 ODMDS	05:10 05:58	48 0	35 14 46	143 2,810 0
4	350+00-400+00 ODMDS	07:33 08:33	52 8	35 11 30	136 2,800 0
5	350+00-400+00 ODMDS	09:49 11:11	74 8	34 18 29	163 2,490 0
6	350+00-400+00 ODMDS	12:43 13:36	48 5	33 13 40	139 2,810 0
7	350+00-400+00 ODMDS	15:13 16:12	53 6	33 20 39	151 2,807 0
8	350+00-400+00 ODMDS	17:47 18:56	61 8	37 11 32	149 2,700 0
9	350+00-400+00 ODMDS	20:16 21:01	39 6	35 7 53	140 2,600 0
10	350+00-400+00 ODMDS	22:36 23:52	70 6	22 0 28	126 2,575 0

QC NARRATIVE(S)

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.
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 37 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 19	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/11/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		400+00 - 460+00			ODMDS		24,807		423,555
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90		TIME 01:00		MAX 1.65		TIME 12:00		GAGE LOCATION Pascagoula NOAA LAB	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 95 °F		VISIBILITY 10 MI		WIND 10/E MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		10:56 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:12 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		05:20 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		02:00 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,852		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		04:32 0.0	
TOTALS:						00:00		24:00		0.0	
NON-EFFECTIVE WORKING TIME:											
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00 0.0	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00 0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00 0.0	
13		24,807		ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00 0.0	
								MINOR OPERATING REPAIRS		00:00 0.0	
								TRANSFERRING BETWEEN WORKS		00:00 0.0	
								LAY TIME:		00:00 0.0	
ATTENDANT PLANT		ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:	
		Trawler		Wild Dream II		600		24:00		00:00 0.0	
		Crew Boat		Cape Anne		400				MISCELLANEOUS	
										TOTALS	
										00:00 0.0	
										LOST TIME:	
										MAJOR REPAIRS AND ALTERNATIONS	
										00:00 0.0	
										CESSATION:	
										00:00 0.0	
										COLLISIONS:	
										00:00 0.0	
										TOTALS:	
										00:00 0.0	
										TOTAL TIME/MILES:	
										00:00 24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 38 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 19
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/11/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 00:00	0 0	49 10 0	59 0 0
2	400+00 to 460+00 ODMDS	00:00 00:00	0 0	0 0 0	0 0 0
3	400+00 to 460+00 ODMDS	00:00 00:00	0 0	0 0 0	0 0 0
4	400+00 to 460+00 ODMDS	00:59 01:51	52 0	33 11 39	135 2,733 0
5	400+00 to 460+00 ODMDS	03:14 04:23	61 8	28 15 35	147 2,660 0
6	400+00 to 460+00 ODMDS	05:41 06:48	59 8	30 12 26	135 2,650 0
7	400+00 to 460+00 ODMDS	07:56 09:08	64 8	31 8 36	147 3,000 0
8	400+00 to 460+00 ODMDS	10:23 11:55	84 8	29 14 25	160 2,972 0
9	400+00 to 460+00 ODMDS	13:03 14:21	70 8	26 17 28	149 2,775 0
10	400+00 to 460+00 ODMDS	15:32 16:47	67 8	30 12 30	147 2,697 0
11	400+00 to 460+00 ODMDS	17:59 19:14	67 8	32 11 28	146 2,700 0
12	400+00 to 460+00 ODMDS	20:25 21:57	84 8	31 10 25	158 2,620 0
13	400+00 to 460+00 ODMDS	23:03 23:59	48 8	1 0 0	57 0 0

QC NARRATIVE(S)

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.
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 39 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 20	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/12/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 21,578	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 445,133		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90	TIME 01:00	MAX 1.65	TIME 12:00	GAGE LOCATION		Pascagoula NOAA LAB			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 90 °F		VISIBILITY 10 MI	WIND 15/S MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		10	18		EFFECTIVE WORKING TIME:						
AFT		12	17		PUMPING:	00:00	09:46	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:56	0.0			
INDICATORS LAST CHECKED ON		09/01/2019									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	04:45	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,656		DUMPING:	00:00	01:48	0.0			
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	04:27	0.0			
					TOTALS:	00:00	21:42	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:				
9		21,578	ODMDS		0		00:00	00:00	0.0		
							00:00	00:14	0.0		
							00:00	02:04	0.0		
							00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
Crew Boat		Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0		
Trawler		Wild Dream II		600		TOTALS	00:00	02:18	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 20
DREDGE	NAME AND TYPE M/V Columbia		DATE 07/12/2020

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00	00:00	27	29	72
	ODMDS	00:27	0	16	2,660
				0	0
2	400+00 to 460+00	01:12	92	30	174
	ODMDS	02:52	8	16	2,816
				28	0
3	400+00 to 460+00	04:06	64	31	142
	ODMDS	05:18	8	10	2,845
				29	0
4	400+00 to 460+00	06:28	61	39	153
	ODMDS	07:37	8	12	2,690
				33	0
5	400+00 to 460+00	09:01	76	38	179
	ODMDS	10:25	8	16	2,350
				41	0
6	400+00 to 460+00	12:00	51	40	153
	ODMDS	12:59	8	17	2,660
				37	0
7	400+00 to 460+00	14:33	69	41	164
	ODMDS	15:50	8	11	2,657
				35	0
8	400+00 to 460+00	17:17	122	37	206
	ODMDS	19:27	8	10	2,900
				29	0
9	400+00 to 460+00	20:43	24	0	59
	ODMDS	21:07	0	0	0
				35	0

QC NARRATIVE(S)

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.		
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 41 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 21	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/13/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			2	7				
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour		REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 24,658	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 469,791			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER		2.60		
		DENSITY OF WATER			1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN 0.90	TIME 01:00	MAX 1.65	TIME 12:00	GAGE LOCATION Pascagoula NOAA LAB					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 95 °F	VISIBILITY 10 MI	WIND 10/W MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18		EFFECTIVE WORKING TIME:						
AFT		12	17		PUMPING:	00:00	11:14	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	01:12	0.0			
INDICATORS LAST CHECKED ON		09/01/2019									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	05:09	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,414		DUMPING:	00:00	01:58	0.0			
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	04:27	0.0			
					TOTALS:	00:00	24:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
9		24,658	ODMDS	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat		Cape Anne	400	24:00	MISCELLANEOUS	00:00	00:00	0.0			
Trawler		Wild Dream II	600		TOTALS	00:00	00:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 43 of 95		
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 22		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/14/2020				
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		15	4			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)				
		Pascagoula Harbour	400+00 - 460+00			ODMDS	21,032	490,823				
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		2 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60		
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN	0.90	TIME	01:00	MAX	1.65	TIME	12:00	GAGE LOCATION Pascagoula NOAA LAB		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 95 °F	VISIBILITY 10 MI	WIND 10/W MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18			EFFECTIVE WORKING TIME:						
AFT		12	17			PUMPING:	00:00	10:08	0.0			
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	01:04	0.0			
INDICATORS LAST CHECKED ON		09/01/2019										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	04:52	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,738			DUMPING:	00:00	02:08	0.0			
GALLONS OF WATER CONSUMED		GAL	748			DISCONNECTING:	00:00	00:00	0.0			
						TO CUT:	00:00	05:18	0.0			
						TOTALS:	00:00	23:30	0.0			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
12		21,032	ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
						MINOR OPERATING REPAIRS	00:00	00:30	0.0			
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
						LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER	H.P.	HOURS		FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat		Cape Anne	400	24:00		MISCELLANEOUS	00:00	00:00	0.0			
Trawler		Wild Dream II	600			TOTALS	00:00	00:30	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 45 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 23	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/15/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 18,920	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 509,743		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90	TIME 01:00	MAX 1.65	TIME 12:00	GAGE LOCATION		Pascagoula NOAA LAB			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 95 °F		VISIBILITY 10 MI	WIND 10/W MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	10:42	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	01:12	0.0				
INDICATORS LAST CHECKED ON		09/01/2019			TO DUMP:	00:00	04:50	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	02:23	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	1,494	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	748	TO CUT:	00:00	04:41	0.0				
				TOTALS:	00:00	23:48	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
		DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
9	18,920	ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:12	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	0.0			
					TOTALS	00:00	00:12	0.0			
ATTENDANT PLANT					LOST TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
Crew Boat		Cape Anne		400	24:00	CESSATION:	00:00	00:00	0.0		
Trawler		Wild Dream II		600		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 46 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 23
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/15/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 01:20	72 8	49 19 0	148 2,365 0
2	400+00 to 460+00 ODMDS	02:28 03:51	75 8	36 24 37	180 2,365 0
3	400+00 to 460+00 ODMDS	05:28 06:39	63 8	34 13 35	153 2,365 0
4	400+00 to 460+00 ODMDS	08:01 09:24	75 8	34 14 33	164 2,365 0
5	400+00 to 460+00 ODMDS	10:45 12:07	74 8	35 26 36	179 2,365 0
6	400+00 to 460+00 ODMDS	13:44 15:11	79 8	36 27 34	184 2,365 0
7	400+00 to 460+00 ODMDS	16:48 18:18	82 8	33 10 36	169 2,365 0
8	400+00 to 460+00 ODMDS	19:37 21:07	82 8	33 10 37	170 2,365 0
9	400+00 to 460+00 ODMDS	22:27 23:15	40 8	0 0 33	81 0 0

QC NARRATIVE(S)

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.
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 47 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 24			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/16/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		4				2		7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour				REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 21,285		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 531,028	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						2.60		GMS/LITER 2.60			
		DENSITY OF WATER						1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.90		TIME 01:00		MAX 1.65		TIME 12:00		GAGE LOCATION Pascagoula NOAA LAB			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 95 °F		VISIBILITY 10 MI		WIND 10/W MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		11:01		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:12		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:43		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		02:30		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,810		TO CUT:		00:00		04:34		0.0	
GALLONS OF WATER CONSUMED		GAL		748		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 9		TOTAL CYS 21,285		DISPOSAL AREA ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00	0.0
Trawler		Wild Dream II		600				TOTALS		00:00		00:00	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 48 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 24
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/16/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 00:33	25 8	35 35 0	103 2,365 0
2	400+00 to 460+00 ODMDS	01:43 03:14	83 8	37 25 34	187 2,365 0
3	400+00 to 460+00 ODMDS	04:50 06:23	85 8	35 10 34	172 2,365 0
4	400+00 to 460+00 ODMDS	07:42 09:00	70 8	37 10 31	156 2,365 0
5	400+00 to 460+00 ODMDS	10:18 11:46	80 8	36 27 34	185 2,365 0
6	400+00 to 460+00 ODMDS	13:23 14:43	72 8	33 26 33	172 2,365 0
7	400+00 to 460+00 ODMDS	16:15 17:54	91 8	33 7 34	173 2,365 0
8	400+00 to 460+00 ODMDS	19:08 20:24	68 8	33 10 44	163 2,365 0
9	400+00 to 460+00 ODMDS	21:51 23:26	87 8	4 0 30	129 2,365 0

QC NARRATIVE(S)

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
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 49 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 25	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/17/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 14,190	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 545,218		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90	TIME 01:00	MAX 1.65	TIME 12:00	GAGE LOCATION		Pascagoula NOAA LAB			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 95 °F		VISIBILITY 10 MI	WIND 10/W MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	06:17	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:40	0.0		
INDICATORS LAST CHECKED ON		09/01/2019		TO DUMP:	00:00	03:18	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	01:54	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,789		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	748		TO CUT:	00:00	03:16	0.0			
					TOTALS:	00:00	15:25	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS 7		TOTAL CYS 14,190	DISPOSAL AREA ODMDS		TOTAL CYS 0	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
						LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	08:35	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
Trawler		Wild Dream II		600	24:00	MISCELLANEOUS	00:00	00:00	0.0		
Crew Boat		Cape Anne		400		TOTALS	00:00	08:35	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 50 of 95		
CONTRACT NO. W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.		REPORT NO. 25	
DREDGE		NAME AND TYPE M/V Columbia				DATE 07/17/2020	
LOADS							
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)		
1	400+00 to 460+00	00:00	0	28	52		
	ODMDS	00:00	0	24	2,365		
				0	0		
2	400+00 to 460+00	00:52	82	33	183		
	ODMDS	02:22	8	25	2,365		
				35	0		
3	400+00 to 460+00	03:55	68	34	154		
	ODMDS	05:11	8	11	2,365		
				33	0		
4	400+00 to 460+00	06:29	75	35	157		
	ODMDS	07:52	8	12	2,365		
				27	0		
5	400+00 to 460+00	09:06	75	34	173		
	ODMDS	10:29	8	21	2,365		
				35	0		
6	400+00 to 460+00	11:59	77	34	173		
	ODMDS	13:24	8	21	2,365		
				33	0		
7	400+00 to 460+00	14:52	0	0	33		
	ODMDS	14:52	0	0	0		
				33	0		

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 51 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 26	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/18/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 545,218		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90	TIME 01:00	MAX 1.65	TIME 12:00	GAGE LOCATION		Pascagoula NOAA LAB			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 95 °F	VISIBILITY 10 MI	WIND 5/E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18		EFFECTIVE WORKING TIME:						
AFT		12	17		PUMPING:	00:00	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		09/01/2019									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	0		DUMPING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	24:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
Crew Boat		Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0		
Trawler		Wild Dream II		600		TOTALS	00:00	24:00	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 53 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 27	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/19/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 21,285	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 566,503		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.90	TIME 01:00	MAX 1.65	TIME 12:00	GAGE LOCATION		Pascagoula NOAA LAB			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 90 °F		VISIBILITY 10 MI	WIND 10/N MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	09:59	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	01:04	0.0				
INDICATORS LAST CHECKED ON		09/01/2019			TO DUMP:	00:00	03:53	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	02:48	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	1,462	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	748	TO CUT:	00:00	04:21	0.0				
				TOTALS:	00:00	22:05	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
		DREDGING AND HAULING			AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
9	21,285	ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	01:55	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
Crew Boat		Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0		
Trawler		Wild Dream II		600		TOTALS	00:00	01:55	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 54 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 27	
			DATE 07/19/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 01:14	66 8	34 18 0	126 2,365 0
2	400+00 to 460+00 ODMDS	02:06 03:26	72 8	32 67 37	216 2,365 0
3	400+00 to 460+00 ODMDS	05:42 05:42	0 0	0 0 0	0 2,365 0
4	400+00 to 460+00 ODMDS	05:42 07:04	74 8	27 12 32	153 2,365 0
5	400+00 to 460+00 ODMDS	08:15 09:35	72 8	33 28 39	180 2,365 0
6	400+00 to 460+00 ODMDS	11:15 12:30	67 8	32 23 40	170 2,365 0
7	400+00 to 460+00 ODMDS	14:05 15:37	84 8	29 10 37	168 2,365 0
8	400+00 to 460+00 ODMDS	16:53 18:16	75 8	33 10 39	165 2,365 0
9	400+00 to 460+00 ODMDS	19:38 21:15	89 8	13 0 37	147 2,365 0

QC NARRATIVE(S)

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.
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 55 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 28			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/20/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		4				2		7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour				REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 21,285		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 587,788	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						2.60		GMS/LITER 2.60			
		DENSITY OF WATER						1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.40		TIME 20:22		MAX 2.51		TIME 10:24		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 90 °F		VISIBILITY 10 MI		WIND 10/N MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		10:26		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:12		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:34		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		02:15		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,769		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		05:33		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 10		TOTAL CYS 21,285		DISPOSAL AREA ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00	0.0
Trawler		Wild Dream II		600				TOTALS		00:00		00:00	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 57 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 29	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/21/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		400+00 - 460+00			ODMDS		18,920		606,708
CHARACTER OF MATERIAL		AVG LENGTH OF CUT			AVG WIDTH OF CUT			AVG DIST TO DUMP			
		6000 FT			450 FT			2 NM			
DENSITY OF MATERIALS		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 20:22		MAX 2.51		TIME 10:24		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 92 °F		VISIBILITY 10 MI		WIND 10/N MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		09:08 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		01:04 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:43 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:59 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,047		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		05:15 0.0	
WORK PERFORMED						TOTALS:		00:00		22:09 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES			
10		18,920		ODMDS		0		00:00		00:00 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00 0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:39 0.0	
						MINOR OPERATING REPAIRS		00:00		01:12 0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00 00:00 0.0	
Trawler		Wild Dream II		600				TOTALS		00:00 01:51 0.0	
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
						CESSATION:		00:00		00:00 0.0	
						COLLISIONS:		00:00		00:00 0.0	
						TOTALS:		00:00		00:00 0.0	
						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 59 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 30			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/22/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00			DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 16,555		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 623,263	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F			
RIVER/TIDE STAGE		MIN 0.62		TIME 21:06		MAX 2.65		TIME 10:18		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 92 °F		VISIBILITY 10 MI		WIND 31 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		06:50		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:24		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		03:59		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		01:57		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,047		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		04:38		0.0	
						TOTALS:		00:00		17:48		0.0	
						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		04:42	0.0
8		16,555		ODMDS		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
								FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		01:30	0.0
Trawler		Wild Dream II		600				TOTALS		00:00		06:12	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 60 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 30
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/22/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00	00:00	62	31	132
	ODMDS	01:10	8	15	2,365
				16	0
2	400+00 to 460+00	02:12	62	31	160
	ODMDS	03:22	8	21	2,365
				38	0
3	400+00 to 460+00	04:52	78	33	164
	ODMDS	06:18	8	10	2,365
				35	0
4	400+00 to 460+00	07:36	61	25	135
	ODMDS	08:37	0	10	2,365
				39	0
5	400+00 to 460+00	09:51	72	36	165
	ODMDS	11:03	0	23	2,365
				34	0
6	400+00 to 460+00	12:36	54	43	160
	ODMDS	13:30	0	30	2,365
				33	0
7	400+00 to 460+00	15:16	21	40	114
	ODMDS	15:37	0	8	2,365
				45	0
8	400+00 to 460+00	18:40	0	0	38
	ODMDS	18:40	0	0	0
				38	0

QC NARRATIVE(S)

GENERAL COMMENTS

Delay 1622-1752 (90) CREW CHANGE due to weather
 Delay 1918-2400 (282) WEATHER SEAS 6-8'

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
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 61 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 31	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/23/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			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)			
		Pascagoula Harbour	400+00 - 460+00			ODMDS	0	623,263			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		2 NM			
		6000 FT		450 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER		2.60		
		DENSITY OF WATER			1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN	0.62	TIME	21:06	MAX	2.65	TIME	10:18		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00		
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay			TEMP 77 °F / 83 °F		VISIBILITY 10 MI		WIND 27 SE MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18					EFFECTIVE WORKING TIME:			
AFT		12	17		PUMPING:	00:00	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		09/01/2019									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,164		DUMPING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	784		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	24:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0			
Trawler	Wild Dream II		600		TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 62 of 95

CONTRACT NO.
W9127820F0140

CONTRACT TITLE
IDIQ Hopper Dredge for Pascagoula Harbor

CONTRACTOR
Dutra Dredging Co.

REPORT NO.
31

DREDGE

NAME AND TYPE
M/V Columbia

DATE
07/23/2020

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 63 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 32	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/24/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		400+00 - 460+00			ODMDS		0		623,263
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.62		TIME 21:06		MAX 2.65		TIME 10:18		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 77 °F / 83 °F		VISIBILITY 10 MI		WIND 21 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		00:00 0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:00 0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		202		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED		GAL		1,195		TO CUT:		00:00		00:00 0.0	
WORK PERFORMED						TOTALS:		00:00		00:00 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
AGITATING				TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00 00:00 0.0	
								LOSS DUE TO NATURAL ELEMENTS:		00:00 24:00 0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00 00:00 0.0	
								MINOR OPERATING REPAIRS		00:00 00:00 0.0	
								TRANSFERRING BETWEEN WORKS		00:00 00:00 0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00 00:00 0.0	
Trawler		Wild Dream II		600				TOTALS		00:00 24:00 0.0	
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
						CESSATION:		00:00		00:00 0.0	
						COLLISIONS:		00:00		00:00 0.0	
						TOTALS:		00:00		00:00 0.0	
						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 64 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 32
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/24/2020	

QC NARRATIVE(S)

GENERAL COMMENTS

Delay 0000-2400 (1440) WEATHER SEAS 8-10'

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 65 of 95		
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 33		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/25/2020				
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00			DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 4,730		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 627,993
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60		
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN 1.47		TIME 02:48		MAX 2.69		TIME 18:12		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 77 °F / 84 °F		VISIBILITY 10 MI		WIND 20 SE MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		10		18		EFFECTIVE WORKING TIME:						
AFT		12		17		PUMPING:		00:00		03:40 0.0		
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00 0.0		
INDICATORS LAST CHECKED ON 09/01/2019						TO DUMP:		00:00		01:06 0.0		
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						CONNECTING:		00:00		00:00 0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						DUMPING:		00:00		00:20 0.0		
GALLONS OF FUEL OIL CONSUMED GAL 730						DISCONNECTING:		00:00		00:00 0.0		
GALLONS OF WATER CONSUMED GAL 560						TO CUT:		00:00		01:00 0.0		
						TOTALS:		00:00		06:06 0.0		
NON-EFFECTIVE WORKING TIME:												
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00 0.0		
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00 0.0		
NO.OF LOADS 3		TOTAL CYS 4,730		DISPOSAL AREA ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00 17:54 0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00 0.0		
						MINOR OPERATING REPAIRS		00:00		00:00 0.0		
						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0		
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0		
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0		
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00 00:00 0.0		
Trawler		Wild Dream II		600				TOTALS		00:00 17:54 0.0		
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0		
						CESSATION:		00:00		00:00 0.0		
						COLLISIONS:		00:00		00:00 0.0		
						TOTALS:		00:00		00:00 0.0		
						TOTAL TIME/MILES:		00:00		24:00 0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 33
DREDGE	NAME AND TYPE M/V Columbia		DATE 07/25/2020

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00	00:00	111	32	153
	ODMDS	01:51	0	10 0	2,365 0
2	400+00 to 460+00	20:27	83	34	156
	ODMDS	21:50	0	10 29	2,365 0
3	400+00 to 460+00	23:03	26	0	57
	ODMDS	23:29	0	0 31	0 0

QC NARRATIVE(S)

GENERAL COMMENTS

Delay 0000-1754 (1074) WEATHER SEAS 8-10'

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 67 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 34	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/26/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 21,285	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 649,278		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN	1.13	TIME	18:00	MAX	2.04	TIME	06:12	GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 88 °F		VISIBILITY 10 MI		WIND 12 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	12:08	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:16	0.0				
INDICATORS LAST CHECKED ON		09/01/2019		TO DUMP:	00:00	04:54	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	02:09	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	586	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	672	TO CUT:	00:00	04:16	0.0				
				TOTALS:	00:00	23:43	0.0				
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING			AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
9	21,285	ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:17	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	0.0			
					TOTALS	00:00	00:17	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 69 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 35	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/27/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			2	7				
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 18,920	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 668,198		
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 1.29	TIME 20:54	MAX 2.09	TIME 03:09	GAGE LOCATION		8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 85 °F	VISIBILITY 10 MI	WIND 12 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18			EFFECTIVE WORKING TIME:					
AFT		12	17			PUMPING:	00:00	11:35	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:32	0.0		
INDICATORS LAST CHECKED ON		09/01/2019			TO DUMP:	00:00	04:09	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	02:07	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	1,783			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	896			TO CUT:	00:00	04:18	0.0		
					TOTALS:	00:00	22:41	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
9	18,920	ODMDS		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	01:19	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0			
Trawler	Wild Dream II		600		TOTALS	00:00	01:19	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 70 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 35	
			DATE 07/27/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 00:00	0 0	28 20 0	48 0 0
2	400+00 to 460+00 ODMDS	00:48 02:11	83 0	44 19 42	188 2,365 0
3	400+00 to 460+00 ODMDS	03:56 05:57	113 8	27 16 33	197 2,365 0
4	400+00 to 460+00 ODMDS	07:13 08:51	90 8	26 10 30	164 2,365 0
5	400+00 to 460+00 ODMDS	09:57 11:36	99 0	33 23 43	198 2,365 0
6	400+00 to 460+00 ODMDS	14:34 16:02	88 0	37 17 28	170 2,365 0
7	400+00 to 460+00 ODMDS	17:24 19:12	100 8	26 11 29	174 2,365 0
8	400+00 to 460+00 ODMDS	20:18 22:05	99 8	28 11 25	171 2,365 0
9	400+00 to 460+00 ODMDS	23:09 23:32	23 0	0 0 28	51 2,365 0

QC NARRATIVE(S)

GENERAL COMMENTS

Delay 0140-1159 (79) DREDGE PUMP STARTER

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 71 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 36			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/28/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00			DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 18,920		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 687,118	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F			
RIVER/TIDE STAGE		MIN 1.29		TIME 20:54		MAX 2.09		TIME 03:09		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 85 °F		VISIBILITY 10 MI		WIND 15 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		11:21		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:16		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:42		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		02:23		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,351		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		448		TO CUT:		00:00		03:24		0.0	
						TOTALS:		00:00		22:06		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
NO.OF LOADS 8		TOTAL CYS 18,920		DISPOSAL AREA ODMDS		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
								MINOR OPERATING REPAIRS		00:00		00:53	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		01:01	0.0
Trawler		Wild Dream II		600				TOTALS		00:00		01:54	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 72 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 36
DREDGE	NAME AND TYPE M/V Columbia	DATE 07/28/2020	

LOADS					
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00	00:00	80	36	140
	ODMDS	01:20	0	24	2,365
				0	0
2	400+00 to 460+00	02:20	101	36	190
	ODMDS	04:01	0	24	2,365
				29	0
3	400+00 to 460+00	05:30	91	32	165
	ODMDS	07:09	8	8	2,365
				26	0
4	400+00 to 460+00	08:15	73	31	163
	ODMDS	09:28	0	24	2,365
				35	0
5	400+00 to 460+00	11:59	50	35	145
	ODMDS	12:49	0	25	2,365
				35	0
6	400+00 to 460+00	14:24	99	33	181
	ODMDS	16:03	0	22	2,365
				27	0
7	400+00 to 460+00	17:25	126	32	199
	ODMDS	19:39	8	10	2,365
				23	0
8	400+00 to 460+00	20:44	61	47	143
	ODMDS	21:45	0	6	2,365
				29	0

QC NARRATIVE(S)

GENERAL COMMENTS

Delay 0850-0951 (61) STORES
And 2307-2400 (53) RUDDER JOCKEY BAR REPAIRS

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 73 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 37			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/29/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		4				2		7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour				REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 7,905		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 695,023	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						2.60		GMS/LITER 2.60			
		DENSITY OF WATER						1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.46		TIME 18:00		MAX 0.75		TIME 15:00		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 95 °F		VISIBILITY 10 MI		WIND 15 SE MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		04:42		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		01:41		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:51		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,104		TO CUT:		00:00		01:51		0.0	
GALLONS OF WATER CONSUMED		GAL		896		TOTALS:		00:00		09:05		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA ODMDS		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
								MINOR OPERATING REPAIRS		00:00		14:55	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00	0.0
Trawler		Wild Dream II		600				TOTALS		00:00		14:55	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 75 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 38	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/30/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			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)				
		Pascagoula Harbour	400+00 - 460+00		ODMDS	21,080	716,103				
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER		2.60		
		DENSITY OF WATER			1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN 0.38	TIME 19:00	MAX 2.14	TIME 06:00	GAGE LOCATION	8741533 Pascagoula NOAA Lab, MS				
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM	MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 78 °F / 95 °F	VISIBILITY 10 MI	WIND 15 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18		EFFECTIVE WORKING TIME:						
AFT		12	17		PUMPING:	00:00	11:57	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:06	0.0			
INDICATORS LAST CHECKED ON		09/01/2019		TO DUMP:	00:00	04:13	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	02:35	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,153		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	1,008		TO CUT:	00:00	04:22	0.0			
					TOTALS:	00:00	23:13	0.0			
NON-EFFECTIVE WORKING TIME:											
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
9	21,080	ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:32	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:15	0.0			
Trawler	Wild Dream II		600		TOTALS	00:00	00:47	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 76 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.		REPORT NO. 38
DREDGE	NAME AND TYPE M/V Columbia			DATE 07/30/2020

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 01:39	99 0	32 26 5	162 2,635 0
2	400+00 to 460+00 ODMDS	02:42 04:21	99 0	31 18 35	183 2,635 0
3	400+00 to 460+00 ODMDS	05:45 07:21	90 6	29 20 39	184 2,635 0
4	400+00 to 460+00 ODMDS	08:49 10:24	95 0	35 20 36	186 2,635 0
5	400+00 to 460+00 ODMDS	12:10 13:25	75 0	32 14 25	146 2,635 0
6	400+00 to 460+00 ODMDS	15:08 16:32	84 0	39 30 38	191 2,635 0
7	400+00 to 460+00 ODMDS	18:19 19:55	96 0	27 17 31	171 2,635 0
8	400+00 to 460+00 ODMDS	21:10 22:29	79 0	28 10 41	158 2,635 0
9	400+00 to 460+00 ODMDS	23:48 23:48	0 0	0 0 12	12 0 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 77 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 39	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/31/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			2	7				
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 716,103		
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN	0.38	TIME	19:00	MAX	2.14	TIME	06:00	GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 96 °F		VISIBILITY 10 MI		WIND 15 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,800		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	896		TO CUT:	00:00	00:20	0.0			
						TOTALS:	00:00	00:20	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	10:46	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	12:54	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
1		0	ODMDS		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
						LAY TIME:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
Crew Boat		Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0		
Trawler		Wild Dream II		600		TOTALS	00:00	23:40	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 79 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 40	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/01/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			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)			
		Pascagoula Harbour	400+00 - 460+00			ODMDS	0	716,103			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER		2.60		
		DENSITY OF WATER			1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN 0.38	TIME 19:00	MAX 2.14	TIME 06:00	GAGE LOCATION		8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 80 °F / 96 °F	VISIBILITY 10 MI	WIND 15 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18		EFFECTIVE WORKING TIME:						
AFT		12	17		PUMPING:	00:00	00:00	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		09/01/2019									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,291		DUMPING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	336		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	11:33	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	12:27	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Trawler	Wild Dream II		600	24:00	MISCELLANEOUS	00:00	00:00	0.0			
Crew Boat	Cape Anne		400		TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 80 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 40
DREDGE	NAME AND TYPE M/V Columbia	DATE 08/01/2020	

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 81 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140			CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.			REPORT NO. 41	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/02/2020		
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
		15	4				2	7			
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 716,103		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN	0.38	TIME	19:00	MAX	2.14	TIME	06:00	GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 96 °F		VISIBILITY 10 MI		WIND 15 SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		09/01/2019									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	1,250	DUMPING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	748	DISCONNECTING:	00:00	00:00	0.0				
				TO CUT:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
NON-EFFECTIVE WORKING TIME:						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
				LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0				
				MINOR OPERATING REPAIRS	00:00	24:00	0.0				
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
				LAY TIME:	00:00	00:00	0.0				
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
				MISCELLANEOUS	00:00	00:00	0.0				
				TOTALS	00:00	24:00	0.0				
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
				CESSATION:	00:00	00:00	0.0				
				COLLISIONS:	00:00	00:00	0.0				
				TOTALS:	00:00	00:00	0.0				
				TOTAL TIME/MILES:	00:00	24:00	0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO.
W9127820F0140

CONTRACT TITLE
IDIQ Hopper Dredge for Pascagoula Harbor

CONTRACTOR
Dutra Dredging Co.

REPORT NO.
41

DREDGE

NAME AND TYPE
M/V Columbia

DATE
08/02/2020

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 83 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 42	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/03/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			2	7				
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour			REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 716,103		
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.38	TIME 19:00	MAX 2.14	TIME 06:00	GAGE LOCATION		8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 92 °F	VISIBILITY 10 MI	WIND 10 SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18			EFFECTIVE WORKING TIME:					
AFT		12	17			PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/01/2019			TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	759			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	748			TO CUT:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	04:00	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	20:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Cape Anne		400	24:00	MISCELLANEOUS	00:00	00:00	0.0			
Trawler	Wild Dream II		600		TOTALS	00:00	24:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 84 of 95

REPORT NO.
42

DATE
08/03/2020

CONTRACT NO.
W9127820F0140

CONTRACT TITLE
IDIQ Hopper Dredge for Pascagoula Harbor

CONTRACTOR
Dutra Dredging Co.

DREDGE

NAME AND TYPE
M/V Columbia

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 85 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 43	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/04/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Pascagoula Harbour		400+00 - 460+00			ODMDS		17,635		733,738
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER		2.60	
		DENSITY OF WATER			1.0060			GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.38		TIME 19:00		MAX 2.14		TIME 06:00		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 92 °F		VISIBILITY 10 MI		WIND 10 W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:					
AFT		12		17		PUMPING:		00:00		11:04 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON 09/01/2019						TO DUMP:		00:00		03:46 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						DUMPING:		00:00		01:27 0.0	
GALLONS OF FUEL OIL CONSUMED GAL 241						DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED GAL 748						TO CUT:		00:00		03:30 0.0	
WORK PERFORMED						TOTALS:		00:00		19:47 0.0	
DREDGING AND HAULING						NON-EFFECTIVE WORKING TIME:					
NO. OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES			
8		17,635		ODMDS		0		00:00		00:00 0.0	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		04:13 0.0	
LOSS DUE TO NATURAL ELEMENTS:						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00 0.0	
LOSS DUE TO TRAFFIC AND BRIDGES						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00 0.0	
MINOR OPERATING REPAIRS						MINOR OPERATING REPAIRS		00:00		00:00 0.0	
TRANSFERRING BETWEEN WORKS						TRANSFERRING BETWEEN WORKS		00:00		00:00 0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00 00:00 0.0	
Trawler		Wild Dream II		600				TOTALS		00:00 04:13 0.0	
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS					
MAJOR REPAIRS AND ALTERNATIONS						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
CESSATION:						CESSATION:		00:00		00:00 0.0	
COLLISIONS:						COLLISIONS:		00:00		00:00 0.0	
TOTALS:						TOTALS:		00:00		00:00 0.0	
TOTAL TIME/MILES:						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 86 of 95
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 43
DREDGE	NAME AND TYPE M/V Columbia	DATE 08/04/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	04:13 05:30	77 0	34 20 0	131 2,365 0
2	400+00 to 460+00 ODMDS	06:24 07:44	80 0	29 13 24	146 2,365 0
3	400+00 to 460+00 ODMDS	08:50 10:01	71 0	27 12 38	148 2,365 0
4	400+00 to 460+00 ODMDS	11:18 13:12	114 0	29 8 31	182 2,635 0
5	400+00 to 460+00 ODMDS	14:20 16:00	100 0	30 8 37	175 2,635 0
6	400+00 to 460+00 ODMDS	17:15 18:41	86 0	37 15 30	168 2,635 0
7	400+00 to 460+00 ODMDS	20:03 21:27	84 0	40 11 27	162 2,635 0
8	400+00 to 460+00 ODMDS	22:45 23:37	52 0	0 0 23	75 0 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 87 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 44	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/05/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			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)				
		Pascagoula Harbour	350+00 - 460+00		ODMDS	21,080	754,818				
		AVG LENGTH OF CUT 11000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER		2.60		
		DENSITY OF WATER			1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN 0.43	TIME 00:00	MAX 1.84	TIME 10:00	GAGE LOCATION	8741533 Pascagoula NOAA Lab, MS				
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM	MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 92 °F	VISIBILITY 10 MI	WIND 10 W MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	10		18		EFFECTIVE WORKING TIME:						
AFT	12		17		PUMPING:	00:00	13:40	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	09/01/2019										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	04:31	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	1,662		DUMPING:	00:00	01:39	0.0			
GALLONS OF WATER CONSUMED		GAL	672		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	04:10	0.0			
					TOTALS:	00:00	24:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
9	21,080	ODMDS	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Cape Anne	400	24:00		MISCELLANEOUS	00:00	00:00	0.0			
Trawler	Wild Dream II	600			TOTALS	00:00	00:00	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 88 of 95	
CONTRACT NO. W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 44	
			DATE 08/05/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-460+00 ODMDS	00:00 00:09	9 0	33 8 0	50 2,635 0
2	350+00-460+00 ODMDS	00:50 02:37	107 0	39 8 32	186 2,635 0
3	350+00-460+00 ODMDS	03:56 05:23	87 0	37 17 37	178 2,635 0
4	350+00-460+00 ODMDS	06:54 08:39	105 0	32 17 31	185 2,635 0
5	350+00-460+00 ODMDS	09:59 11:53	114 0	41 8 24	187 2,635 0
6	350+00-460+00 ODMDS	13:06 14:36	90 0	37 8 31	166 2,635 0
7	350+00-460+00 ODMDS	15:52 17:55	123 0	26 18 32	199 2,635 0
8	350+00-460+00 ODMDS	19:11 21:17	126 0	26 15 22	189 2,635 0
9	350+00-460+00 ODMDS	22:20 23:19	59 0	0 0 41	100 0 0

QC NARRATIVE(S)

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

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 89 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 45			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/06/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		4				2		7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour				REACH DREDGED; STA TO STA 350+00 - 460+00		DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 21,080		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 775,898	
		AVG LENGTH OF CUT 11000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						2.60		GMS/LITER 2.60			
		DENSITY OF WATER						1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.76		TIME 00:00		MAX 2.02		TIME 12:00		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 92 °F		VISIBILITY 10 MI		WIND 10 W MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		13:37		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:29		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		01:35		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,928		TO CUT:		00:00		04:08		0.0	
GALLONS OF WATER CONSUMED		GAL		896		TOTALS:		00:00		23:49		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
9		21,080		ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:11	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Trawler		Wild Dream II		600		24:00		MISCELLANEOUS		00:00		00:00	0.0
Crew Boat		Cape Anne		400				TOTALS		00:00		00:11	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 90 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE	NAME AND TYPE M/V Columbia		REPORT NO. 45	
			DATE 08/06/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	350+00-460+00	00:00	63	34	105
	ODMDS	01:03	0	8	2,635
				0	0
2	350+00-460+00	01:45	123	30	193
	ODMDS	03:48	0	8	2,635
				32	0
3	350+00-460+00	04:58	96	26	170
	ODMDS	06:34	0	19	2,635
				29	0
4	350+00-460+00	07:59	84	40	177
	ODMDS	09:23	0	13	2,635
				40	0
5	350+00-460+00	10:56	120	38	208
	ODMDS	12:56	0	14	2,635
				36	0
6	350+00-460+00	14:24	120	37	212
	ODMDS	16:24	0	14	2,635
				41	0
7	350+00-460+00	17:56	103	38	185
	ODMDS	19:39	0	11	2,635
				33	0
8	350+00-460+00	21:01	108	26	166
	ODMDS	22:49	0	8	2,635
				24	0
9	350+00-460+00	23:47	0	0	13
	ODMDS	23:47	0	0	0
				13	0

QC NARRATIVE(S)

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
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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 91 of 95			
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 46			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/07/2020					
DREDGE M/V Columbia		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		4				2		7	
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour				REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS		QTY DEPOSITED GROSS(CY) 18,445		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 794,343	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 450 FT			AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS						2.60		GMS/LITER 2.60			
		DENSITY OF WATER						1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.76		TIME 00:00		MAX 2.02		TIME 12:00		GAGE LOCATION 8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 92 °F		VISIBILITY 10 MI		WIND 10 W MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		10		18		EFFECTIVE WORKING TIME:							
AFT		12		17		PUMPING:		00:00		13:19		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:04		0.0	
INDICATORS LAST CHECKED ON		09/01/2019				TO DUMP:		00:00		04:32		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		01:34		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,156		TO CUT:		00:00		03:58		0.0	
GALLONS OF WATER CONSUMED		GAL		896		TOTALS:		00:00		23:27		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
8		18,445		ODMDS		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:33	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
								LAY TIME:		00:00		00:00	0.0
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
Crew Boat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00	0.0
Trawler		Wild Dream II		600				TOTALS		00:00		00:33	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 93 of 95	
CONTRACT NO. W9127820F0001 W9127820F0140		CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 47	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/08/2020			
DREDGE M/V Columbia		HOPPER CAP: 4387 CY		AVG VOL OF BIN WATER: 0 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	4			2	7				
LOCATION OF WORK		LOCATION CHANNEL Pascagoula Harbour		REACH DREDGED; STA TO STA 400+00 - 460+00		DISPOSAL AREA USE ODMDS	QTY DEPOSITED GROSS(CY) 7,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 802,248			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 450 FT		AVG DIST TO DUMP 2 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60		GMS/LITER		2.60		
		DENSITY OF WATER			1.0060		GMS/LITER@		84 °F		
RIVER/TIDE STAGE		MIN 0.76	TIME 00:00	MAX 2.02	TIME 12:00	GAGE LOCATION		8741533 Pascagoula NOAA Lab, MS			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 92 °F	VISIBILITY 10 MI	WIND 10 W MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		10	18			EFFECTIVE WORKING TIME:					
AFT		12	17			PUMPING:	00:00	03:28	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/01/2019			TO DUMP:	00:00	01:20	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	01:07	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	671			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	896			TO CUT:	00:00	01:12	0.0		
					TOTALS:	00:00	07:07	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
3	7,905	ODMDS	0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:31	0.0			
					MINOR OPERATING REPAIRS	00:00	00:18	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	16:04	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
Crew Boat	Cape Anne		400	07:00	MISCELLANEOUS	00:00	00:00	0.0			
Trawler	Wild Dream II		600		TOTALS	00:00	16:53	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W9127820F0001 W9127820F0140	CONTRACT TITLE IDIQ Hopper Dredge for Pascagoula Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 47
DREDGE	NAME AND TYPE M/V Columbia	DATE 08/08/2020	

LOADS

LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)
1	400+00 to 460+00 ODMDS	00:00 00:00	0 0	2 8 0	10 2,635 0
2	400+00 to 460+00 ODMDS	00:10 01:56	106 0	38 8 33	185 2,635 0
3	400+00 to 460+00 ODMDS	03:15 04:57	102 0	40 51 39	232 2,635 0

QC NARRATIVE(S)

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.
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QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE
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QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.

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CONTRACT NO.
W9127820F0140

CONTRACT TITLE
IDIQ Hopper Dredge for Pascagoula Harbor

CONTRACTOR
Dutra Dredging Co.

REPORT NO.

47