

QUALITY CONTROL REPORT-HOPPER DREDGE							PAGE NO.	
							Page 1 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		53	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							06/21/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 400+00 to 460+00		Cell 8 & 9	5,270	5,270
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	0 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog RiverBridge		
		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		73 °F / 91 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:02	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/11/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	04:32	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	1,000	DUMPING:	00:00	00:05	0.0	
GALLONS OF WATER CONSUMED		GAL	1,399	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	04:41	0.0	
				TOTALS:	00:00	10:20	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
2	5,270	Cell 8 & 9	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	00:15	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	13:25	0.0	
				TOTALS	00:00	13:40	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 12
DREDGE	NAME AND TYPE Columbia		DATE 06/21/2014

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	Sta 400+00 to 460+00	13:25	33	229	350
	Cell 8 & 9	13:58	0	5 83	2,635 0
2	Sta 400+00 to 460+00	19:15	29	43	270
	Cell 8 & 9	19:44	0	0 198	2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

620 Minutes @ 100%
820 Minutes @ 0% Start of Contract

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 3 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		13				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							06/22/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
			15	2		2	7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Ship Channel	Sta 400+00 to 460+00		Cell 8 & 9	2,635	7,905				
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	78 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River					
		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 / 89 °F	10 MI	21 MPH					
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	6	17		EFFECTIVE WORKING TIME:							
AFT	9	17		PUMPING:	00:00	00:30	0.0				
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON 06/11/2014				TO DUMP:	00:00	07:00	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	00:13	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,191	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	935	TO CUT:	00:00	04:12	0.0				
				TOTALS:	00:00	11:55	0.0				
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES				00:00	00:00	0.0	
			AGITATING	TO AND FROM WHARF OR ANCHORAGE:				00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS:				00:00	00:00	0.0	
3	2,635	Cell 8 & 9		LOSS DUE TO TRAFFIC AND BRIDGES				00:00	00:00	0.0	
				MINOR OPERATING REPAIRS				00:00	12:05	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
40' Crewboat	Cape Anne		400	12:00	MISCELLANEOUS				00:00	00:00	0.0
				TOTALS				00:00	12:05	0.0	
				LOST TIME:							
				MAJOR REPAIRS AND ALTERNATIONS				00:00	00:00	0.0	
				CESSATION:				00:00	00:00	0.0	
				COLLISIONS:				00:00	00:00	0.0	
				TOTALS:				00:00	00:00	0.0	
				TOTAL TIME/MILES:				00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 4 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 13
DREDGE	NAME AND TYPE Columbia	DATE 06/22/2014	

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:01	1 0	187 4 0	192 0 0
2	Sta 400+00 to 460+00 Cell 8 & 9	03:12 03:40	28 0	233 9 196	466 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	10:58 10:59	1 0	0 0 56	57 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

715 Minutes @ 100%
725 Minutes @ 0% Minor 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 5 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				14		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		06/23/2014		
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY
Columbia		NO. OF CREW MEMBERS	DREDGE		15	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 400+00 to 460+00				Cell 8 & 9	7,905	15,810			
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		36 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		78 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		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				73 °F / 82 °F		10 MI		24 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	01:24	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:09	0.0				
INDICATORS LAST CHECKED ON		06/11/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	10:15	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,280		DUMPING:	00:00	00:08	0.0				
GALLONS OF WATER CONSUMED		GAL	561		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	09:37	0.0				
					TOTALS:	00:00	21:33	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	Cell 8 & 9		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
						MINOR OPERATING REPAIRS	00:00	02:27	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			
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0			
						TOTALS	00:00	02:27	0.0			
						LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
						CESSATION:	00:00	00:00	0.0			
						COLLISIONS:	00:00	00:00	0.0			
						TOTALS:	00:00	00:00	0.0			
						TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 6 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 14
DREDGE	NAME AND TYPE Columbia		DATE 06/23/2014

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	Sta 400+00 to 460+00	02:08	23	240	408
	Cell 8 & 9	02:31	0	4 141	2,635 0
2	Sta 400+00 to 460+00	09:15	29	204	458
	Cell 8 & 9	09:53	9	4 212	2,635 0
3	Sta 400+00 to 460+00	16:53	32	171	427
	Cell 8 & 9	17:25	0	0 224	2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1293 Minutes @ 100%
147 Minutes @ 0% Minor 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 7 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		15	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							06/24/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			15	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel	Sta 400+00 to 460+00		Cell 8 & 9	5,270	21,080	
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	78 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		73 °F / 91 °F	10 MI	17 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	6	17		EFFECTIVE WORKING TIME:				
AFT	9	17		PUMPING:	00:00	01:12	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:09	0.0	
INDICATORS LAST CHECKED ON 06/11/2014				TO DUMP:	00:00	08:33	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:08	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,560	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	935	TO CUT:	00:00	06:28	0.0	
				TOTALS:	00:00	16:30	0.0	
				NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
3	5,270	Cell 8 & 9	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS	00:00	07:30	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	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	07:30	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 8 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 15
DREDGE	NAME AND TYPE Columbia		DATE 06/24/2014

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:01	1 0	62 4 0	67 0 0
2	Sta 400+00 to 460+00 Cell 8 & 9	01:07 01:52	36 9	231 4 196	476 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	09:03 09:38	35 0	220 0 192	447 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

990 Minutes @ 100%
450 Minutes @ 0% Minor 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.		
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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 9 of 279			
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 16			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/25/2014					
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 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		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		Mobile Ship Channel		Sta 400+00 to 460+00			Cell 8 & 9		5,270		26,350		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470			GMS/LITER		1470			
		DENSITY OF WATER			1012			GMS/LITER@		80 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River			
		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 / 90 °F		VISIBILITY 10 MI		WIND 24 MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:							
AFT		9		17		PUMPING:		00:00		01:02		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08		0.0	
INDICATORS LAST CHECKED ON		06/11/2014											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		07:29		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,128		DUMPING:		00:00		00:08		0.0	
GALLONS OF WATER CONSUMED		GAL		935		DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		07:47		0.0	
						TOTALS:		00:00		16:34		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		5,270		Cell 8 & 9		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		07:26	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
40' Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00	0.0
								TOTALS		00:00		07:26	0.0
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	0.0
								CESSATION:		00:00		00:00	0.0
								COLLISIONS:		00:00		00:00	0.0
								TOTALS:		00:00		00:00	0.0
								TOTAL TIME/MILES:		00:00		24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 16
DREDGE	NAME AND TYPE Columbia		DATE 06/25/2014

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:01	1 0	2 4 0	7 0 0
2	Sta 400+00 to 460+00 Cell 8 & 9	00:07 00:48	33 8	227 4 216	488 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	09:11 09:39	28 0	220 0 251	499 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

994 Minutes @ 100%
446 Minutes @ 0% Minor Repairs & DQM Cert

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 11 of 279			
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.			
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				17			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		06/26/2014			
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY	
Columbia		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
				15		2				2		7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel		Sta 400+00 to 460+00				Cell 8 & 9		7,905		34,255	
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470				GMS/LITER		1470	
		DENSITY OF WATER				1012				GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN		0.00		TIME		00:00		MAX		0.00	
												GAGE LOCATION Dog River	
		MIN		0.00		TIME		00:00		MAX		0.00	
												GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND			
		Weather Caused No Delay				73 °F / 87 °F		10 MI		17 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:							
AFT		9		17		PUMPING:		00:00		01:16		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08		0.0	
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:		00:00		10:54		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		00:16		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,005		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		735		TO CUT:		00:00		11:11		0.0	
						TOTALS:		00:00		23:45		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
5		7,905		Cell 8 & 9		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
								MINOR OPERATING REPAIRS		00:00		00:15	
								TRANSFERRING BETWEEN WORKS		00:00		00:00	
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	
40' Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00	
								TOTALS		00:00		00:15	
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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 17
DREDGE	NAME AND TYPE Columbia		DATE 06/26/2014

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:01	1 0	1 4 0	6 0 0
2	Sta 400+00 to 460+00 Cell 8 & 9	00:06 00:30	24 0	235 4 201	464 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	07:50 08:26	28 8	210 4 178	428 2,635 0
4	Sta 400+00 to 460+00 Cell 8 & 9	14:58 15:20	22 0	208 4 215	449 2,635 0
5	Sta 400+00 to 460+00 Cell 8 & 9	22:42 22:43	1 0	0 0 77	78 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1425 Minutes @ 100%
15 Minutes @ 0% Lost Prime

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 13 of 279				
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				18				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		06/27/2014				
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE		15	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7		
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Ship Channel	Sta 400+00 to 460+00				Cell 8 & 9	7,905	42,160					
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470				
		DENSITY OF WATER				1012		GMS/LITER@		80 °F				
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River				
		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				72 °F / 88 °F		10 MI		18 MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD		6		17		EFFECTIVE WORKING TIME:								
AFT		9		17		PUMPING:	00:00	01:14	0.0					
DRAG DEPTH		MAX 0	MIN 0		TURNING:						00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:						00:00	11:09	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:						00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,220		DUMPING:						00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:						00:00	00:00	0.0	
						TO CUT:						00:00	09:39	0.0
						TOTALS:						00:00	22:14	0.0
						NON-EFFECTIVE WORKING TIME:								
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0					
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0					
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:						00:00	00:00	0.0
4		7,905	Cell 8 & 9		0	LOSS DUE TO TRAFFIC AND BRIDGES						00:00	00:00	0.0
						MINOR OPERATING REPAIRS						00:00	01:46	0.0
						TRANSFERRING BETWEEN WORKS						00:00	00:00	0.0
						LAY TIME:						00:00	00:00	0.0
						FIRE AND BOAT DRILLS:						00:00	00:00	0.0
40' Crewboat		Cape Anne	400	12:00	MISCELLANEOUS						00:00	00:00	0.0	
						TOTALS						00:00	01:46	0.0
						LOST TIME:								
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0					
						CESSATION:						00:00	00:00	0.0
						COLLISIONS:						00:00	00:00	0.0
						TOTALS:						00:00	00:00	0.0
						TOTAL TIME/MILES:						00:00	24:00	0.0

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 14 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 18
DREDGE	NAME AND TYPE Columbia	DATE 06/27/2014	

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:24	24 0	231 4 110	369 2,635 0
2	Sta 400+00 to 460+00 Cell 8 & 9	06:09 06:31	22 0	225 4 186	437 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	13:26 13:53	27 0	213 4 204	448 2,635 0
4	Sta 400+00 to 460+00 Cell 8 & 9	20:54 20:55	1 0	0 0 79	80 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1334 Minutes @ 100%
106 Minutes @ 0% Minor repairs to STBD ME oil line

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 15 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		19	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							06/28/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 400+00 to 460+00		Cell 8 & 9	7,905	50,065
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	80 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		73 °F / 90 °F	10 MI	18 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:18	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:09	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
TO DUMP:		00:00	11:01	0.0				
CONNECTING:		00:00	00:00	0.0				
DUMPING:		00:00	00:12	0.0				
DISCONNECTING:		00:00	00:00	0.0				
TO CUT:		00:00	11:01	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,065	TOTALS:	00:00	23:41	0.0	
GALLONS OF WATER CONSUMED		GAL	935	NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
4	7,905	Cell 8 & 9	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS	00:00	00:19	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	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	00:19	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 19
DREDGE	NAME AND TYPE Columbia		DATE 06/28/2014

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:30	30 0	230 4 110	374 2,635 0
2	Sta 400+00 to 460+00 Cell 8 & 9	06:14 06:35	21 0	239 4 182	446 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	13:40 14:15	26 9	192 4 220	451 2,635 0
4	Sta 400+00 to 460+00 Cell 8 & 9	21:30 21:31	1 0	0 0 149	150 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1421 Minutes @ 100%
19 Minutes @ 0% Minor repairs Lost Prime

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 17 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 20	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 06/29/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 15		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 400+00 to 460+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 60,605			
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		Dog River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 77 °F / 90 °F		VISIBILITY 10 MI	WIND 21 MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	6		17		EFFECTIVE WORKING TIME:						
AFT	9		17		PUMPING:	00:00	01:38	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	TO DUMP:	00:00	11:41	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,524	DUMPING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL		561	DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	10:29	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 4	TOTAL CYS 10,540	DISPOSAL AREA Cell 8 & 9		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			
40' Crewboat	Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 20
DREDGE	NAME AND TYPE Columbia		DATE 06/29/2014

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:25	25 0	225 4 44	298 2,635 0
2	Sta 400+00 to 460+00 Cell 8 & 9	04:58 05:20	22 0	238 4 183	447 2,635 0
3	Sta 400+00 to 460+00 Cell 8 & 9	12:25 12:52	27 0	201 4 198	430 2,635 0
4	Sta 400+00 to 460+00 Cell 8 & 9	19:35 19:59	24 0	37 0 204	265 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 19 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		21	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							06/30/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			15	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel	Sta 400+00 to 460+00 & 540+00 to 600+00		Cell 8 & 9	2,635	63,240	
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	80 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		77 °F / 91 °F	10 MI	12 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	6	17		EFFECTIVE WORKING TIME:				
AFT	9	17		PUMPING:	00:00	00:27	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 06/25/2014				TO DUMP:	00:00	08:40	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:08	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,602	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	749	TO CUT:	00:00	03:09	0.0	
				TOTALS:	00:00	12:24	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES				
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:			
3	2,635		Cell 8 & 9	0	00:00 00:00 0.0			
				LOSS DUE TO NATURAL ELEMENTS:				
				LOSS DUE TO TRAFFIC AND BRIDGES				
				MINOR OPERATING REPAIRS				
				TRANSFERRING BETWEEN WORKS				
ATTENDANT PLANT				LAY TIME:				
ITEM		NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:			
40' Crewboat		Cape Anne	400	12:00	00:00 00:00 0.0			
				MISCELLANEOUS				
				TOTALS				
				00:00 11:36 0.0				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS				
				CESSATION:				
				COLLISIONS:				
				TOTALS:				
				00:00 00:00 0.0				
				TOTAL TIME/MILES:				
				00:00 24:00 0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 20 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 21
DREDGE	NAME AND TYPE Columbia	DATE 06/30/2014	

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	Sta 400+00 to 460+00 Cell 8 & 9	00:00 00:01	1 0	184 4 0	189 0 0
2	Sta 400+00 to 460+00 Cell 8 & 9	03:09 03:34	25 0	224 4 189	442 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	22:07 22:08	1 0	112 0 0	113 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

744 Minutes @ 100%
696 Minutes @ 0% Make-up time on Old Contract

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 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		22	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/01/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 540+00 to 600+00		Cell 8 & 9	7,905	71,145
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		78 °F / 93 °F	10 MI	17 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:18	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:09	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
TO DUMP:				00:00	10:14	0.0		
CONNECTING:				00:00	00:00	0.0		
DUMPING:				00:00	00:16	0.0		
DISCONNECTING:				00:00	00:00	0.0		
TO CUT:				00:00	10:51	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,489	TOTALS:	00:00	22:48	0.0	
GALLONS OF WATER CONSUMED		GAL	7,935	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	
5	7,905	Cell 8 & 9	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	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	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	01:12	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 22 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 22
DREDGE	NAME AND TYPE Columbia	DATE 07/01/2014	

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	19 4 0	24 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	00:24 00:58	25 9	196 4 171	405 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	07:46 08:10	24 0	204 4 186	418 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	15:19 15:46	27 0	195 4 179	405 2,635 0
5	Sta 540+00 to 600+00 Cell 8 & 9	22:04 22:05	1 0	0 0 115	116 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1368 Minutes @ 100%
72 Minutes @ 0% Stbd ME - Bilge piping

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 279			
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 23			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/02/2014					
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 15		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 540+00 to 600+00			DISPOSAL AREA USE Cell 8 & 9		QTY DEPOSITED GROSS(CY) 10,540		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 81,685		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470			
		DENSITY OF WATER				1012		GMS/LITER@		87 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 77 °F / 93 °F		VISIBILITY 10 MI		WIND 23 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:							
AFT		9		17		PUMPING:		00:00		01:48		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		06/25/2014											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		11:53		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,835		DUMPING:		00:00		00:12		0.0	
GALLONS OF WATER CONSUMED		GAL		1,496		DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		10:07		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 4		TOTAL CYS 10,540		DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	0.0
								MINOR OPERATING REPAIRS		00:00		00:00	0.0
								TRANSFERRING BETWEEN WORKS		00:00		00:00	0.0
ATTENDANT PLANT						LAY TIME:		00:00		00:00		0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
40' Crewboat		Cape Anne		400		12:00		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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 23
DREDGE	NAME AND TYPE Columbia		DATE 07/02/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:24	24 0	203 4 65	296 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	04:56 05:24	28 0	208 4 177	417 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	11:53 12:24	31 0	201 4 178	414 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	18:47 19:12	25 0	101 0 187	313 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 25 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 24	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/03/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 15		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 540+00 to 600+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 7,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 89,590			
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 33 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		Dog River			
		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 / 91 °F	VISIBILITY 10 MI	WIND 13 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	6		17		EFFECTIVE WORKING TIME:						
AFT	9		17		PUMPING:	00:00	01:24	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	06/25/2014				TO DUMP:	00:00	12:07	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:16	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,086	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		935	TO CUT:	00:00	10:01	0.0			
					TOTALS:	00:00	23:48	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
5	7,905	Cell 8 & 9		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:12	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
40' Crewboat	Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0			
					TOTALS	00:00	00:12	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 24
DREDGE	NAME AND TYPE Columbia		DATE 07/03/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	103 4 0	108 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	01:48 02:14	26 0	217 4 197	444 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	09:24 09:56	32 0	208 4 181	425 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	16:29 16:53	24 0	199 4 190	417 2,635 0
5	Sta 540+00 to 600+00 Cell 8 & 9	23:26 23:27	1 0	0 0 33	34 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1428 Minutes @ 100%
12 Minutes @ 70% Traffic

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 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		24				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/03/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		18	5			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 230+00 to 244+66 Red Side		Cell 8 & 9	7,779	7,779			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		1466 FT		400 FT		41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION USCG	
		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			72 °F / 91 °F		10 MI		13 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	26			EFFECTIVE WORKING TIME:					
AFT		13	26			PUMPING:	00:00	00:45	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/03/2014									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	05:07	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	3,693			DUMPING:	00:00	00:05	0.0		
GALLONS OF WATER CONSUMED		GAL	1,404			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	03:39	0.0		
						TOTALS:	00:00	09:36	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
2	7,779	Cell 8 & 9		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	Aggie		400	12:00	MISCELLANEOUS	00:00	14:24	0.0			
					TOTALS	00:00	14:24	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 28 of 279	
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company		REPORT NO. 24
DREDGE	NAME AND TYPE Glenn Edwards			DATE 07/03/2014

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	Sta 230+00 to 244+66	14:24	22	242	269
	Cell 8 & 9	14:46	0	5 0	7,779 0
2	Sta 230+00 to 244+66	18:53	23	65	307
	Cell 8 & 9	19:16	0	0 219	0 0

QC NARRATIVE(S)

GENERAL COMMENTS

576 Minutes @ 100%
864 Minuets @ 0%

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 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		25				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/04/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		18	5			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 230+00 to 244+66 Red Side		Cell 8 & 9	23,806	31,585			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		1466 FT		400 FT		41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION USCG	
		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			70 °F / 90 °F		10 MI		20 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		26		EFFECTIVE WORKING TIME:					
AFT		13		26		PUMPING:	00:00	00:52	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:06	0.0		
INDICATORS LAST CHECKED ON		07/03/2014				TO DUMP:	00:00	11:50	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	00:12	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		5,782		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,092		TO CUT:	00:00	11:00	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	0.0		
4	23,806	Cell 8 & 9		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS	00:00	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	00:00	0.0	
Crew Boat		Aggie		400	12:00	MISCELLANEOUS	00:00	00:00	00:00	0.0	
						TOTALS	00:00	00:00	00:00	0.0	
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	00:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 25
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/04/2014

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	Sta 230+00 to 244+66 Cell 8 & 9	00:00 00:01	1 0	202 5 0	208 7,906 0
2	Sta 230+00 to 244+66 Cell 8 & 9	03:28 04:00	26 6	275 3 230	540 7,959 0
3	Sta 230+00 to 244+66 Cell 8 & 9	12:28 12:52	24 0	233 4 233	494 7,941 0
4	Sta 230+00 to 244+66 Cell 8 & 9	20:42 20:43	1 0	0 0 197	198 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 31 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 25	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/04/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 15	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 540+00 to 600+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 100,130			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 70 °F / 90 °F	VISIBILITY 10 MI	WIND 20 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	6		17		EFFECTIVE WORKING TIME:						
AFT	9		17		PUMPING:	00:00	01:53	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON 06/25/2014					TO DUMP:	00:00	10:22	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					DUMPING:	00:00	00:12	0.0			
GALLONS OF FUEL OIL CONSUMED					DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED					TO CUT:	00:00	11:33	0.0			
					TOTALS:	00:00	24:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
AGITATING					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS 4	TOTAL CYS 10,540	DISPOSAL AREA Cell 8 & 9		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			
40' Crewboat	Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 25
DREDGE	NAME AND TYPE Columbia		DATE 07/04/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:29	29 0	211 4 149	393 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	06:33 06:59	26 0	203 4 178	411 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	13:24 13:54	30 0	204 4 181	419 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	20:23 20:51	28 0	4 0 185	217 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 33 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		26				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/05/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		18	5			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 230+00 to 244+66 Red Side		Cell 8 & 9	24,297	55,882			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		1466 FT		400 FT		41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION USCG	
		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			66 °F / 90 °F		10 MI		7 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13	26			EFFECTIVE WORKING TIME:					
AFT		13	26			PUMPING:	00:00	01:35	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:05	0.0		
INDICATORS LAST CHECKED ON		07/03/2014			TO DUMP:	00:00	12:30	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	00:15	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,223			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	1,092			TO CUT:	00:00	09:35	0.0		
					TOTALS:	00:00	24:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
4		24,297	Cell 8 & 9		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		Aggie		400	12:00	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 34 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 26
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/05/2014

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	Sta 230+00 to 244+66 Cell 8 & 9	00:00 00:25	25 0	237 4 1	267 8,099 0
2	Sta 230+00 to 244+66 Cell 8 & 9	04:27 04:48	21 0	243 6 187	457 8,099 0
3	Sta 230+00 to 244+66 Cell 8 & 9	12:04 12:28	24 0	225 5 199	453 8,099 0
4	Sta 230+00 to 244+66 Cell 8 & 9	19:37 20:07	25 5	45 0 188	263 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 35 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		26	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/05/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 540+00 to 600+00		Cell 8 & 9	7,905	108,035
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		66 °F / 90 °F	10 MI	7 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:19	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	13:31	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	4,493	DUMPING:	00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	561	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	08:58	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	7,905	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 36 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 26
DREDGE	NAME AND TYPE Columbia		DATE 07/05/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	205 4 0	210 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	03:30 03:52	22 0	212 4 180	418 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	10:28 10:56	28 0	202 4 182	416 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	17:24 17:52	28 0	192 0 176	396 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 27	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/06/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 15	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 540+00 to 600+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 7,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 115,940			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River					
		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 / 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		6	17		EFFECTIVE WORKING TIME:						
AFT		9	17		PUMPING:	00:00	01:38	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	10:19	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,514		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,012		TO CUT:	00:00	11:47	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 5	TOTAL CYS 7,905	DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
						MINOR OPERATING REPAIRS		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0	
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
40' Crewboat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 27
DREDGE	NAME AND TYPE Columbia		DATE 07/06/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	16 4 0	21 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	00:21 00:48	27 0	206 4 178	415 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	07:16 07:41	25 0	196 4 178	403 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	13:59 14:27	28 0	201 4 180	413 2,635 0
5	Sta 540+00 to 600+00 Cell 8 & 9	20:52 21:09	17 0	0 0 171	188 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		27				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/06/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		18	5			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 230+00 to 244+66 Red Side		Cell 8 & 9	24,245	80,127			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		1466 FT		400 FT		41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION USCG	
		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			73 °F / 91 °F		10 MI		9 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		26		EFFECTIVE WORKING TIME:					
AFT		13		26		PUMPING:	00:00	01:12	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/03/2014				TO DUMP:	00:00	12:47	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,167		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,248		TO CUT:	00:00	09:47	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	0.0		
4	24,245	Cell 8 & 9		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS	00:00	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	00:00	0.0	
Crew Boat		Aggie		400	12:00	MISCELLANEOUS	00:00	00:00	00:00	0.0	
						TOTALS	00:00	00:00	00:00	0.0	
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	00:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 40 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 27
DREDGE	NAME AND TYPE Glenn Edwards	DATE 07/06/2014	

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	Sta 230+00 to 244+66	00:00	1	179	185
	Cell 8 & 9	00:01	0	5	8,082
				0	0
2	Sta 230+00 to 244+66	03:05	20	234	443
	Cell 8 & 9	03:25	0	3	8,099
				186	0
3	Sta 105+54 to 140+00	10:28	26	245	490
	Cell 8 & 9	10:54	0	6	8,064
				213	0
4	Sta 230+00 to 244+66	18:38	25	109	322
	Cell 8 & 9	19:03	0	0	0
				188	0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 41 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		28	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/07/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			15	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel	Sta 540+00 to 600+00		Cell 8 & 9	10,540	126,480	
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		73 °F / 91 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	6	17		EFFECTIVE WORKING TIME:				
AFT	9	17		PUMPING:	00:00	01:25	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 06/25/2014				TO DUMP:	00:00	13:12	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:16	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,893	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	935	TO CUT:	00:00	09:07	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TO AND FROM WHARF OR ANCHORAGE:				
5	10,540	Cell 8 & 9		00:00				
				LOSS DUE TO NATURAL ELEMENTS:				
				00:00				
				LOSS DUE TO TRAFFIC AND BRIDGES				
				00:00				
				MINOR OPERATING REPAIRS				
				00:00				
				TRANSFERRING BETWEEN WORKS				
				00:00				
ATTENDANT PLANT				LAY TIME:				
				00:00				
ITEM		NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:			
40' Crewboat		Cape Anne	400	12:00	00:00			
				MISCELLANEOUS				
				00:00				
				TOTALS				
				00:00				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS				
				00:00				
				CESSATION:				
				00:00				
				COLLISIONS:				
				00:00				
				TOTALS:				
				00:00				
				TOTAL TIME/MILES:				
				00:00				
				24:00				
				0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 42 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 28
DREDGE	NAME AND TYPE Columbia	DATE 07/07/2014	

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:10	10 0	203 4 0	217 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	03:37 04:00	23 0	194 4 171	392 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	10:09 10:35	26 0	192 4 183	405 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	16:54 17:19	25 0	203 4 178	410 2,635 0
5	Sta 540+00 to 600+00 Cell 8 & 9	23:44 23:45	1 0	0 0 15	16 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 43 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		28				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/07/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		18	5			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 230+00 to 244+66 Red Side And 105+54 to 140+00		Cell 8 & 9	24,262	104,389			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		1466 FT		400 FT		41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION USCG	
		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			73 °F / 91 °F		10 MI		10 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		26		EFFECTIVE WORKING TIME:					
AFT		13		26		PUMPING:	00:00	01:17	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/03/2014				TO DUMP:	00:00	11:42	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	00:14	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		5,740		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,092		TO CUT:	00:00	09:47	0.0		
						TOTALS:	00:00	23:00	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	0.0		
4	24,262	Cell 8 & 9		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:00	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS	00:00	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	00:00	0.0	
Crew Boat		Aggie		400	12:00	MISCELLANEOUS	00:00	00:00	00:00	0.0	
						TOTALS	00:00	01:00	00:00	0.0	
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	00:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 28
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/07/2014

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	Sta 230+00 to 244+66 Cell 8 & 9	00:00 00:01	1 0	112 5 0	118 8,099 0
2	Sta 230+00 to 244+66 Cell 8 & 9	01:58 02:20	22 0	226 4 192	444 8,064 0
3	Sta 105+00 to 140+00 Cell 8 & 9	09:22 09:50	28 0	238 5 197	468 8,099 0
4	Sta 105+00 to 140+00 Cell 8 & 9	18:10 18:36	26 0	126 0 198	350 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1380 Minutes @ 100%
60 Minutes @ 70% Traffic

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 45 of 279	
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				29	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		07/08/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
		15		2						2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	
		Mobile Ship Channel		Sta 540+00 to 600+00				Cell 8 & 9		5,270	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP				33 NM	
		6000 FT		400 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN		TIME		MAX		TIME		GAGE LOCATION	
		0.00		00:00		0.00		00:00		Dog River	
		MIN		TIME		MAX		TIME		GAGE DATUM	
		0.00		00:00		0.00		00:00		MLLW	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND	
		Weather Caused No Delay				73 °F / 90 °F		10 MI		22 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
										MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:		00:00		00:57	
						TURNING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:		00:00		06:59	
						CONNECTING:		00:00		00:00	
INDICATORS LAST CHECKED ON		06/25/2014				DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		TO CUT:		00:00		06:11	
GALLONS OF FUEL OIL CONSUMED		GAL		0		TOTALS:		00:00		14:15	
GALLONS OF WATER CONSUMED		GAL		0		NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		05:10	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		01:59	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
3		5,270		Cell 8 & 9		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		02:36	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		FIRE AND BOAT DRILLS:		00:00		00:00	
40' Crewboat		Cape Anne		400		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		09:45	
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	
						CESSATION:		00:00		00:00	
						COLLISIONS:		00:00		00:00	
						TOTALS:		00:00		00:00	
						TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 46 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 29
DREDGE	NAME AND TYPE Columbia	DATE 07/08/2014	

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:24	24 0	207 4 154	389 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	06:29 07:01	32 0	212 4 177	425 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	23:19 23:20	1 0	0 0 40	41 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

855 Minutes @ 100%
585 Minutes @ 0% Fuel day with 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 47 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		29	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/08/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		18	5			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 105+00 to 140+00 Green Side		Cell 8 & 9	24,298	128,687
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION USCG		
		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		73 °F / 90 °F	10 MI	22 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13	26	EFFECTIVE WORKING TIME:				
AFT		13	26	PUMPING:	00:00	01:20	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		07/03/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	11:21	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	5,746	DUMPING:	00:00	00:14	0.0	
GALLONS OF WATER CONSUMED		GAL	1,248	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:25	0.0	
				TOTALS:	00:00	23:20	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	24,298	Cell 8 & 9	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	Aggie	400	12:00	MISCELLANEOUS	00:00	00:40	0.0	
				TOTALS	00:00	00:40	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 29
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/08/2014

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	Sta 105+00 to 140+00 Cell 8 & 9	00:00 00:01	1 0	121 5 0	127 8,117 0
2	Sta 105+00 to 140+00 Cell 8 & 9	02:07 02:33	26 0	247 4 213	490 8,099 0
3	Sta 105+00 to 140+00 Cell 8 & 9	10:17 10:43	26 0	244 5 213	488 8,082 0
4	Sta 105+00 to 140+00 Cell 8 & 9	19:05 19:32	27 0	69 0 199	295 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1400 Minutes @ 100%
40 Minutes @ 0% Misc Life rafts, Visitors, Traffic

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 30	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 07/09/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		15	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 540+00 to 600+00		DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 142,290				
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1470		GMS/LITER		1470				
		DENSITY OF WATER		1012		GMS/LITER@		87 °F				
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		Dog River				
		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 / 91 °F	VISIBILITY 10 MI	WIND 17 MPH						
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	6		17		EFFECTIVE WORKING TIME:							
AFT	9		17		PUMPING:	00:00	01:45	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON	06/25/2014				TO DUMP:	00:00	10:44	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:12	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,601		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	1,120		TO CUT:	00:00	11:19	0.0				
					TOTALS:	00:00	24:00	0.0				
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:								
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
4	10,540	Cell 8 & 9		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				
40' Crewboat	Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 30
DREDGE	NAME AND TYPE Columbia		DATE 07/09/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:25	25 0	206 4 126	361 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	06:01 06:26	25 0	197 4 167	393 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	12:34 13:00	26 0	190 4 210	430 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	19:44 20:13	29 0	51 0 176	256 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 51 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		30	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/09/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		18	5			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 105+00 to 140+00 Green Side & 130 to 144 red side		Cell 8 & 9	24,297	152,984
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION USCG		
		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		73 °F / 91 °F	10 MI	17 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13	26	EFFECTIVE WORKING TIME:				
AFT		13	26	PUMPING:	00:00	01:27	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:06	0.0	
INDICATORS LAST CHECKED ON		07/03/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	12:02	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	6,033	DUMPING:	00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	936	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:13	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	24,297	Cell 8 & 9	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	Aggie	400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 30
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/09/2014

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	Sta 105+00 to 140+00 Cell 8 & 9	00:00 00:01	1 0	181 4 0	186 8,099 0
2	Sta 230+00 to 244+66 Cell 8 & 9	03:06 03:43	31 6	227 4 178	446 8,099 0
3	Sta 105+00 to 140+00 Cell 8 & 9	10:32 10:58	26 0	227 4 216	473 8,099 0
4	Sta 105+00 to 140+00 Cell 8 & 9	18:25 18:54	29 0	87 0 219	335 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 53 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		31		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							07/10/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		18	5			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel		Sta 105+00 to 140+00 Green Side & 230 to 244 red side		Cell 8 & 9	24,298	177,282	
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350	
		DENSITY OF WATER			1012		GMS/LITER@	87 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION USCG			
		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		73 °F / 90 °F	10 MI	30 MPH			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		13		26		EFFECTIVE WORKING TIME:			
AFT		13		26		PUMPING:	00:00	01:16	0.0
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/03/2014							
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	12:57	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,249	DUMPING:	00:00	00:12	0.0		
GALLONS OF WATER CONSUMED		GAL	1,092	DISCONNECTING:	00:00	00:00	0.0		
				TO CUT:	00:00	09:35	0.0		
				TOTALS:	00:00	24:00	0.0		
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
4	24,298	Cell 8 & 9	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	Aggie	400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 31
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/10/2014

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	Sta 105+00 to 140+00 Cell 8 & 9	00:00 00:01	1 0	160 4 0	165 8,082 0
2	Sta 105+00 to 140+00 Cell 8 & 9	02:45 03:09	24 0	259 4 190	477 8,117 0
3	Sta 230+00 to 244+66 Cell 8 & 9	10:42 11:06	24 0	221 4 186	435 8,099 0
4	Sta 230+00 to 244+66 Cell 8 & 9	17:57 18:24	27 0	137 0 199	363 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 279			
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 31			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/10/2014					
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 15		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 540+00 to 600+00			DISPOSAL AREA USE Cell 8 & 9		QTY DEPOSITED GROSS(CY) 7,905		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 150,195		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470			
		DENSITY OF WATER				1012		GMS/LITER@		87 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 90 °F		VISIBILITY 10 MI		WIND 30 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:							
AFT		9		17		PUMPING:		00:00		01:13		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		06/25/2014											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		12:32		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,022		DUMPING:		00:00		00:16		0.0	
GALLONS OF WATER CONSUMED		GAL		934		DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		09:59		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 5		TOTAL CYS 7,905		DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00		0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
40' Crewboat		Cape Anne		400		12:00		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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 31
DREDGE	NAME AND TYPE Columbia		DATE 07/10/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	162 4 0	167 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	02:47 03:11	24 0	207 4 169	404 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	09:31 09:52	21 0	187 4 192	404 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	16:15 16:41	26 0	196 4 204	430 2,635 0
5	Sta 540+00 to 600+00 Cell 8 & 9	23:25 23:26	1 0	0 0 34	35 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 57 of 279				
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 32				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/11/2014						
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS		DREDGE 15		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 540+00 to 600+00			DISPOSAL AREA USE Cell 8 & 9		QTY DEPOSITED GROSS(CY) 10,540		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 160,735			
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 33 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470				
		DENSITY OF WATER				1012		GMS/LITER@		87 °F				
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 73 °F / 90 °F		VISIBILITY 10 MI		WIND 20 MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:								
AFT		9		17		PUMPING:		00:00		01:46		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:18		0.0		
INDICATORS LAST CHECKED ON		06/25/2014												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		10:11		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,939		DUMPING:		00:00		00:12		0.0		
GALLONS OF WATER CONSUMED		GAL		968		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		11:25		0.0		
						TOTALS:		00:00		23:52		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 10,540		DISPOSAL AREA Cell 8 & 9		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		00:08		0.0		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0		
ATTENDANT PLANT						LAY TIME:		00:00		00:00		0.0		
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0	
40' Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0
								TOTALS		00:00		00:08		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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 32
DREDGE	NAME AND TYPE Columbia		DATE 07/11/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:28	28 0	212 4 133	377 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	06:17 06:41	24 0	204 4 166	398 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	12:55 13:30	25 10	178 4 190	407 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	19:50 20:27	29 8	17 0 196	250 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1432 Minutes @ 100%
8 Minutes @ 0% Minor 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.		
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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 59 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		32				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/11/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		18	5			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 105+00 to 140+00 Green Side & 230 to 244 red side		Cell 8 & 9	32,397	209,679			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		3500 FT		200 FT		42 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION USCG	
		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			72 °F / 90 °F		10 MI		20 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		13		26		EFFECTIVE WORKING TIME:					
AFT		13		26		PUMPING:	00:00	01:08	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		07/03/2014				TO DUMP:	00:00	12:39	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,031		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,092		TO CUT:	00:00	09:30	0.0		
						TOTALS:	00:00	23:33	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	00:00	0.0		
5	32,397	Cell 8 & 9		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:27	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS	00:00	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	00:00	0.0	
Crew Boat		Aggie		400	12:00	MISCELLANEOUS	00:00	00:00	00:00	0.0	
						TOTALS	00:00	00:27	00:00	0.0	
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	00:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 32
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/11/2014

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	Sta 230+00 to 244+66 Cell 8 & 9	00:00 00:01	1 0	90 4 0	95 8,135 0
2	Sta 230+00 to 244+66 Cell 8 & 9	01:35 01:57	22 0	237 4 182	445 8,099 0
3	Sta 230+00 to 244+66 Cell 8 & 9	09:07 09:29	22 0	214 4 183	423 8,064 0
4	Sta 230+00 to 244+66 Cell 8 & 9	16:10 16:32	22 0	218 4 202	446 8,099 0
5	Sta 230+00 to 244+66 Cell 8 & 9	23:56 23:57	1 0	0 0 3	4 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1413 Minutes @ 100%
27 Minutes @ 70% Traffic

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 61 of 279		
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 33		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/12/2014				
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		15	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Ship Channel	Sta 540+00 to 600+00		Cell 8 & 9	7,905	168,640					
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER		1470			
		DENSITY OF WATER			1012		GMS/LITER@		87 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 93 °F	VISIBILITY 10 MI	WIND 14 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	6		17		EFFECTIVE WORKING TIME:							
AFT	9		17		PUMPING:	00:00	01:23	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON	06/25/2014				TO DUMP:	00:00	12:52	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN		0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN		0		DUMPING:	00:00	00:16	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL		2,848		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		712		TO CUT:	00:00	09:29	0.0				
					TOTALS:	00:00	24:00	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
5	7,905	Cell 8 & 9		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				
40' Crewboat	Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 33
DREDGE	NAME AND TYPE Columbia		DATE 07/12/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	179 4 0	184 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	03:04 03:35	31 0	211 4 177	423 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	10:07 10:32	25 0	189 4 175	393 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	16:40 17:05	25 0	193 4 194	416 2,635 0
5	Sta 540+00 to 600+00 Cell 8 & 9	23:36 23:37	1 0	0 0 23	24 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 63 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		33	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/12/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Glenn Edwards		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		18	5			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 105+00 to 140+00 Green Side & 230 to 244 red side		Cell 8 & 9	24,315	233,994
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1350		GMS/LITER	1350
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION USCG		
		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		73 °F / 0 °F	10 MI	14 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT		LOADED		AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	13		26	EFFECTIVE WORKING TIME:				
AFT	13		26	PUMPING:	00:00	01:22	0.0	
DRAG DEPTH	MAX 0	MIN 0	TURNING:					
INDICATORS LAST CHECKED ON	07/03/2014	TO DUMP:						
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN	0	CONNECTING:					
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN	0	DUMPING:					
GALLONS OF FUEL OIL CONSUMED	GAL	5,865	DISCONNECTING:					
GALLONS OF WATER CONSUMED	GAL	936	TO CUT:					
			TOTALS:					
			NON-EFFECTIVE WORKING TIME:					
			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
4	24,315	Cell 8 & 9	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS	00:00	00:20	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	00:20	0.0	
				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 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 33
DREDGE	NAME AND TYPE Glenn Edwards	DATE 07/12/2014	

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	Sta 230+00 to 244+66	00:00	25	234	446
	Cell 8 & 9	00:25	0	4 183	8,117 0
2	Sta 230+00 to 244+66	07:26	24	223	441
	Cell 8 & 9	08:00	10	4 180	8,099 0
3	Sta 105+00 to 140+00	15:07	32	224	493
	Cell 8 & 9	15:39	0	4 233	8,099 0
4	Sta 230+00 to 244+66	23:20	1	0	40
	Cell 8 & 9	23:21	0	0 39	0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1420 Minutes @ 100%
20 Minutes @ 0% Loading Stores

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 65 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		34	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/13/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 540+00 to 600+00		Cell 8 & 9	10,540	179,180
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	87 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		77 °F / 89 °F	10 MI	18 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:52	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:35	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,871	DUMPING:	00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	784	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	11:21	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	10,540	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 34
DREDGE	NAME AND TYPE Columbia		DATE 07/13/2014

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:30	30 0	211 4 153	398 2,635 0
2	Sta 540+00 to 600+00 Cell 8 & 9	06:38 07:05	27 0	205 4 159	395 2,635 0
3	Sta 540+00 to 600+00 Cell 8 & 9	13:13 13:41	28 0	182 4 179	393 2,635 0
4	Sta 540+00 to 600+00 Cell 8 & 9	19:46 20:13	27 0	37 0 190	254 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 67 of 279	
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				34	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		07/13/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Glenn Edwards		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
		18		5						2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	
		Mobile Ship Channel		Sta 105+00 to 140+00 Green Side & 230 to 244 red side				Cell 8 & 9		16,198	
		AVG LENGTH OF CUT		3500 FT		AVG WIDTH OF CUT		200 FT		AVG DIST TO DUMP	
										42 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1350		GMS/LITER		1350	
		DENSITY OF WATER				1012		GMS/LITER@		87 °F	
RIVER/TIDE STAGE		MIN		0.00		TIME		00:00		MAX	
		MIN		0.00		TIME		00:00		MAX	
										GAGE LOCATION	
										USCG	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND	
		Weather Caused No Delay				77 °F / 89 °F		10 MI		18 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
										MILES RUN (NAUT MI)	
FORWARD		13		26		EFFECTIVE WORKING TIME:					
AFT		13		26		PUMPING:		00:00		00:53	
						TURNING:		00:00		00:14	
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:		00:00		08:25	
						CONNECTING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/03/2014				DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		TO CUT:		00:00		06:10	
GALLONS OF FUEL OIL CONSUMED		GAL		5,865		TOTALS:		00:00		15:50	
GALLONS OF WATER CONSUMED		GAL		936		NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	
2		16,198		Cell 8 & 9		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crew Boat		Aggie		400		12:00		MISCELLANEOUS		00:00	
								TOTALS		00:00	
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS		00:00	
								CESSATION:		00:00	
								COLLISIONS:		00:00	
								TOTALS:		00:00	
								TOTAL TIME/MILES:		00:00	
										24:00	
										0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 68 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 34
DREDGE	NAME AND TYPE Glenn Edwards		DATE 07/13/2014

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	Sta 230+00 to 244+66	00:00	23	247	436
	Cell 8 & 9	00:37	14	4 148	8,099 0
2	Sta 105+00 to 140+00	07:16	30	258	514
	Cell 8 & 9	07:46	0	4 222	8,099 0

QC NARRATIVE(S)

GENERAL COMMENTS

950 Minutes @ 100%
490 Minutes @ 0% Demobilization -- End of Contract

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 69 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		35				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/14/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 540+00 to 600+00 & 600 to 660		Cell 8 & 9	7,905	187,085			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6000 FT		400 FT		33 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River	
		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			73 °F / 91 °F		10 MI		8 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:	00:00	01:20	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	12:25	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	00:34	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,789		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		784		TO CUT:	00:00	09:41	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	0.0		
5	7,905	Cell 8 & 9		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS	00:00	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	00:00	0.0	
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	00:00	0.0	
						TOTALS	00:00	00:00	00:00	0.0	
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	00:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 70 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 35
DREDGE	NAME AND TYPE Columbia	DATE 07/14/2014	

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	Sta 540+00 to 600+00 Cell 8 & 9	00:00 00:01	1 0	165 4 0	170 0 0
2	Sta 540+00 to 600+00 Cell 8 & 9	02:50 03:13	23 0	210 22 164	419 2,635 0
3	Sta 600+00 to 660+00 Cell 8 & 9	09:49 10:16	27 0	189 4 162	382 2,635 0
4	Sta 600+00 to 660+00 Cell 8 & 9	16:11 16:39	28 0	181 4 187	400 2,635 0
5	Sta 600+00 to 660+00 Cell 8 & 9	22:51 22:52	1 0	0 0 68	69 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor			CONTRACTOR Dutra Dredging Company		REPORT NO. 36	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE 07/15/2014	
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
		NO. OF CREW MEMBERS	DREDGE 15	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 540+00 to 600+00 & 600 to 660		DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 197,625	
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 33 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470	GMS/LITER	1470	
		DENSITY OF WATER			1012	GMS/LITER@	87 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 73 °F / 89 °F	VISIBILITY 10 MI	WIND 22 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED		AGITATING (MIN)		DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	6	17		EFFECTIVE WORKING TIME:				
AFT	9	17		PUMPING:	00:00	01:46	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 06/25/2014				TO DUMP:	00:00	11:42	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	00:12	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,801	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,046	TO CUT:	00:00	10:20	0.0	
WORK PERFORMED				TOTALS:	00:00	24:00	0.0	
DREDGING AND HAULING				NON-EFFECTIVE WORKING TIME:				
NO. OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		
AGITATING				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
ATTENDANT PLANT				TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
40' Crewboat	Cape Anne	400	12:00	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
				MINOR OPERATING REPAIRS	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
				LAY TIME:	00:00	00:00	0.0	
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
				MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	00:00	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 36
DREDGE	NAME AND TYPE Columbia		DATE 07/15/2014

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	Sta 600+00 to 660+00 Cell 8 & 9	00:00 00:26	26 0	195 4 105	330 2,635 0
2	Sta 600+00 to 660+00 Cell 8 & 9	05:30 05:57	27 0	208 4 161	400 2,635 0
3	Sta 600+00 to 660+00 Cell 8 & 9	12:10 12:36	26 0	185 4 167	382 2,635 0
4	Sta 600+00 to 660+00 Cell 8 & 9	18:32 18:59	27 0	114 0 187	328 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 73 of 279			
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 37			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/16/2014					
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 15		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 600 to 660			DISPOSAL AREA USE Cell 8 & 9		QTY DEPOSITED GROSS(CY) 7,905		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 205,530		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 32 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470			
		DENSITY OF WATER				1012		GMS/LITER@		90 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 71 °F / 89 °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		6		17		EFFECTIVE WORKING TIME:							
AFT		9		17		PUMPING:		00:00		01:20		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		06/25/2014											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		10:42		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,147		DUMPING:		00:00		00:16		0.0	
GALLONS OF WATER CONSUMED		GAL		2,167		DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		11:27		0.0	
						TOTALS:		00:00		23:45		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS 5		TOTAL CYS 7,905		DISPOSAL AREA Cell 8 & 9		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		00:15		0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00		0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
40' Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00	0.0
								TOTALS		00:00		00:15	0.0
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 37
DREDGE	NAME AND TYPE Columbia		DATE 07/16/2014

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	Sta 600+00 to 660+00 Cell 8 & 9	00:00 00:01	1 0	71 4 0	76 0 0
2	Sta 600+00 to 660+00 Cell 8 & 9	01:16 01:46	30 0	191 4 168	393 2,635 0
3	Sta 600+00 to 660+00 Cell 8 & 9	07:49 08:13	24 0	196 4 168	392 2,635 0
4	Sta 600+00 to 660+00 Cell 8 & 9	14:21 14:45	24 0	184 4 178	390 2,635 0
5	Sta 600+00 to 660+00 Cell 8 & 9	21:06 21:07	1 0	0 0 173	174 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1425 Minutes @ 100%
15 Minutes @ 0% Lost Prime

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 75 of 279				
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 38				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/17/2014						
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS		DREDGE 15		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 600 to 660			DISPOSAL AREA USE Cell 8 & 9		QTY DEPOSITED GROSS(CY) 10,540		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 216,070			
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 32 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470				
		DENSITY OF WATER				1012		GMS/LITER@		90 °F				
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River				
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 64 °F / 87 °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		6		17		EFFECTIVE WORKING TIME:								
AFT		9		17		PUMPING:		00:00		01:55		0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON		06/25/2014												
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		12:44		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,002		DUMPING:		00:00		00:12		0.0		
GALLONS OF WATER CONSUMED		GAL		935		DISCONNECTING:		00:00		00:00		0.0		
						TO CUT:		00:00		09:09		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 4		TOTAL CYS 10,540		DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0		
						MINOR OPERATING REPAIRS		00:00		00:00		0.0		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0		
ATTENDANT PLANT						LAY TIME:		00:00		00:00		0.0		
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0	
40' Crewboat		Cape Anne		400		12:00		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 76 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 38
DREDGE	NAME AND TYPE Columbia	DATE 07/17/2014	

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	Sta 600+00 to 660+00 Cell 8 & 9	00:00 00:25	25 0	203 4 15	247 2,635 0
2	Sta 600+00 to 660+00 Cell 8 & 9	04:07 04:40	33 0	198 4 177	412 2,635 0
3	Sta 600+00 to 660+00 Cell 8 & 9	10:59 11:32	33 0	200 4 177	414 2,635 0
4	Sta 600+00 to 660+00 Cell 8 & 9	17:53 18:17	24 0	163 0 180	367 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 39	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/18/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 15		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 600 to 660			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 13,110		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 229,180	
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 32 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION Dog River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 84 °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		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:	00:00	01:57	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	09:48	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,272		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:	00:00	11:59	0.0		
						TOTALS:	00:00	24:00	0.0		
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	
5		13,110		Cell 8&9		0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	
								MINOR OPERATING REPAIRS	00:00	00:00	
								TRANSFERRING BETWEEN WORKS	00:00	00:00	
								LAY TIME:	00:00	00:00	
								FIRE AND BOAT DRILLS:	00:00	00:00	
								MISCELLANEOUS	00:00	00:00	
								TOTALS	00:00	00:00	
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	
								CESSATION:	00:00	00:00	
								COLLISIONS:	00:00	00:00	
								TOTALS:	00:00	00:00	
								TOTAL TIME/MILES:	00:00	24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 78 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 39
DREDGE	NAME AND TYPE Columbia	DATE 07/18/2014	

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	Sta 600+00 to 660+00 Cell 8&9	00:00 00:01	1 0	19 4 0	24 2,622 0
2	Sta 600+00 to 660+00 Cell 8&9	00:24 00:57	33 0	195 4 171	403 2,622 0
3	Sta 600+00 to 660+00 Cell 8&9	07:07 07:43	36 0	185 4 187	412 2,622 0
4	Sta 600+00 to 660+00 Cell 8&9	13:59 14:31	32 0	189 4 189	414 2,622 0
5	Sta 600+00 to 660+00 Cell 8&9	20:53 21:08	15 0	0 0 172	187 2,622 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 40	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 07/19/2014			
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		15	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Ship Channel		Sta 600 to 660		Cell 8 & 9	10,488	239,668				
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		32 NM				
		6000 FT		400 FT								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER		1470			
		DENSITY OF WATER			1012		GMS/LITER@		90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		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			73 °F / 86 °F		5 MI		10 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:		00:00		01:42	0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:		00:00		12:21	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:12	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,235		DISCONNECTING:		00:00		00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		823		TO CUT:		00:00		09:45	0.0	
						TOTALS:		00:00		24:00	0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0	
4	10,488	Cell 8 & 9		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	
40' Crewboat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 40
DREDGE	NAME AND TYPE Columbia		DATE 07/19/2014

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	Sta 600 to 660	00:00	11	207	222
	Cell 8 & 9	00:11	0	4 0	2,622 0
2	Sta 600 to 660	03:42	34	172	394
	Cell 8 & 9	04:16	0	4 184	2,622 0
3	Sta 600 to 660	10:16	31	187	421
	Cell 8 & 9	10:47	0	4 199	2,622 0
4	Sta 600 to 660	17:17	26	175	403
	Cell 8 & 9	17:43	0	0 202	2,622 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 81 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		41	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/20/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			15	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel	Sta 600 to 660		Cell 8 & 9	10,488	250,156	
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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 / 87 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	6	17		EFFECTIVE WORKING TIME:				
AFT	9	17		PUMPING:	00:00	02:01	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 06/25/2014				TO DUMP:	00:00	09:07	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:16	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,596	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	2,187	TO CUT:	00:00	12:36	0.0	
				TOTALS:	00:00	24:00	0.0	
				NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
5	10,488	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 41
DREDGE	NAME AND TYPE Columbia		DATE 07/20/2014

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	Sta 600+00 to 660+00 Cell 8 & 9	00:00 00:01	1 0	19 4 0	24 0 0
2	Sta 600+00 to 660+00 Cell 8 & 9	00:24 00:58	34 0	179 4 187	404 2,622 0
3	Sta 600+00 to 660+00 Cell 8 & 9	07:08 07:46	38 0	174 4 194	410 2,622 0
4	Sta 600+00 to 660+00 Cell 8 & 9	13:58 14:36	38 0	175 4 190	407 2,622 0
5	Sta 600+00 to 660+00 Cell 8 & 9	20:45 20:55	10 0	0 0 185	195 2,622 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 83 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		42	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/21/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 600 to 660		Cell 8 & 9	5,244	255,400
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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 / 88 °F	10 MI	5 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	00:49	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	06:19	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	1,500	DUMPING:	00:00	00:08	0.0	
GALLONS OF WATER CONSUMED		GAL	587	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	03:24	0.0	
				TOTALS:	00:00	10:40	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	02:40	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
3	5,244	Cell 8 & 9	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	10:40	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	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	13:20	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 84 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 42
DREDGE	NAME AND TYPE Columbia	DATE 07/21/2014	

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	Sta 600+00 to 660+00	00:00	19	191	214
	Cell 8 & 9	00:19	0	4 0	2,622 0
2	Sta 600+00 to 660+00	16:54	29	188	413
	Cell 8 & 9	17:23	0	4 192	2,622 0
3	Sta 600+00 to 660+00	23:47	1	0	13
	Cell 8 & 9	23:48	0	0 12	0 0

QC NARRATIVE(S)

GENERAL COMMENTS

640 Minutes @ 100%
640 Minutes @ 0%, repairs to STBD Main Engine Coolant Line
160 Minutes @ 0%, Take on Fuel, Water and Lubes

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 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 43	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/22/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 600 to 660 and 460 to 530			Cell 8 & 9	7,866	263,266			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 87 °F	VISIBILITY 10 MI	WIND 5 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	6		17			EFFECTIVE WORKING TIME:					
AFT	9		17			PUMPING:	00:00	01:57	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON	06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	09:49	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,891			DUMPING:	00:00	00:12	0.0		
GALLONS OF WATER CONSUMED		GAL	935			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	12:02	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			
4	7,866	Cell 8 & 9		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			
40' Crewboat	Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 43
DREDGE	NAME AND TYPE Columbia		DATE 07/22/2014

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	Sta 660 to 600	00:00	37	202	403
	Cell 8 & 9	00:37	0	4	2,622
				160	0
2	Sta 660 to 600	06:43	38	175	408
	Cell 8 & 9	07:21	0	4	2,622
				191	0
3	Sta 460 to 530	13:31	41	212	464
	Cell 8 & 9	14:12	0	4	2,622
				207	0
4	Sta 460 to 530	21:15	1	0	165
	Cell 8 & 9	21:16	0	0	0
				164	0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 44	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 07/23/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		15	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Ship Channel	Sta 460 to 530		Cell 8 & 9	10,488	273,754					
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER		1470			
		DENSITY OF WATER			1012		GMS/LITER@		90 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 70 °F / 84 °F	VISIBILITY 10 MI	WIND 5 MPH					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	02:12	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0									
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0									
GALLONS OF FUEL OIL CONSUMED		GAL	2,966									
GALLONS OF WATER CONSUMED		GAL	561									
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING			AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
4	10,488	Cell 8 & 9		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:00	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			
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0			
						TOTALS	00:00	01:00	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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 44
DREDGE	NAME AND TYPE Columbia		DATE 07/23/2014

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	Sta 460+00 to 530+00	00:00	35	229	290
	Cell 8 & 9	00:35	0	4	2,622
				22	0
2	Sta 460+00 to 530+00	04:50	35	181	417
	Cell 8 & 9	05:25	0	4	2,622
				197	0
3	Sta 460+00 to 530+00	12:47	39	203	451
	Cell 8 & 9	13:26	0	4	2,622
				205	0
4	Sta 460+00 to 530+00	20:18	23	0	222
	Cell 8 & 9	20:41	0	0	2,622
				199	0

QC NARRATIVE(S)

GENERAL COMMENTS

1380 Minutes @ 100%
60 Minutes @ 70%, Traffic

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 89 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 45	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 07/24/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 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		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel		Sta 460 to 530			Cell 8 & 9		7,866	281,620	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470			GMS/LITER		1470	
		DENSITY OF WATER			1012			GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM	MLLW
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 71 °F / 89 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:	00:00	01:46	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014		TO DUMP:	00:00	12:14	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	DUMPING:	00:00	00:12	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,399	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		748	TO CUT:	00:00	09:48	0.0			
WORK PERFORMED						TOTALS:	00:00	24:00	0.0		
DREDGING AND HAULING						AGITATING		NON-EFFECTIVE WORKING TIME:			
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0
4		7,866		Cell 8 & 9		0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
								MINOR OPERATING REPAIRS	00:00	00:00	0.0
								TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0
ATTENDANT PLANT						LAY TIME:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crewboat		Cape Anne		400	12:00	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 90 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 45
DREDGE	NAME AND TYPE Columbia	DATE 07/24/2014	

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	Sta 460+00 to 530+00 Cell 8 & 9	00:00 00:08	8 0	207 4 0	219 0 0
2	Sta 460+00 to 530+00 Cell 8 & 9	03:39 04:12	33 0	218 4 181	436 2,622 0
3	Sta 460+00 to 530+00 Cell 8 & 9	10:55 11:28	33 0	204 4 197	438 2,622 0
4	Sta 460+00 to 530+00 Cell 8 & 9	18:13 18:45	32 0	105 0 210	347 2,622 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 91 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				46		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		07/25/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		15	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Ship Channel		Sta 460 to 530		Cell 8 & 9	7,866	289,486				
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		32 NM				
		6000 FT		400 FT								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		90 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		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				71 °F / 89 °F		10 MI	5 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:		00:00	01:27	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:		00:00	11:56	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		3,155		DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00	10:21	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		
5		7,866	Cell 8&9		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		
40' Crewboat		Cape Anne		400	12:00	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 92 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 46
DREDGE	NAME AND TYPE Columbia	DATE 07/25/2014	

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	Sta 460+00 to 530+00 Cell 8&9	00:00 00:01	1 0	96 4 0	101 0 0
2	Sta 460+00 to 530+00 Cell 8&9	01:41 02:10	29 0	219 4 183	435 2,622 0
3	Sta 460+00 to 530+00 Cell 8&9	08:56 09:27	31 0	205 4 184	424 2,622 0
4	Sta 460+00 to 530+00 Cell 8&9	16:00 16:25	25 0	196 4 216	441 2,622 0
5	Sta 460+00 to 530+00 Cell 8&9	23:21 23:22	1 0	0 0 38	39 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 93 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		47	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							07/26/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 460 to 530		Cell 8 & 9	10,488	299,974
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		73 °F / 91 °F	10 MI	5 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:31	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:22	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,670	DUMPING:	00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	935	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:38	0.0	
				TOTALS:	00:00	22:43	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	
4	10,488	Cell 8&9	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:25	0.0	
				MINOR OPERATING REPAIRS	00:00	00:52	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	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	01:17	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 94 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 47
DREDGE	NAME AND TYPE Columbia	DATE 07/26/2014	

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	Sta 460+00 to 530+00 Cell 8&9	00:00 00:36	36 0	223 4 145	408 2,622 0
2	Sta 460+00 to 530+00 Cell 8&9	06:48 07:17	29 0	205 4 199	437 2,622 0
3	Sta 460+00 to 530+00 Cell 8&9	14:57 15:22	25 0	194 4 200	423 2,622 0
4	Sta 460+00 to 530+00 Cell 8&9	22:25 22:26	1 0	0 0 94	95 2,622 0

QC NARRATIVE(S)

GENERAL COMMENTS

1363 Minutes @ 100%
 25 Minutes @ 70%
 52 Minutes @ 0%, hydraulic 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 95 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				48		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		07/27/2014		
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY
Columbia		NO. OF CREW MEMBERS	DREDGE		15	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 460 to 530				Cell 8 & 9	10,540	310,514			
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		32 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		90 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		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				79 °F / 93 °F		10 MI		17 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	02:15	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:09	0.0				
INDICATORS LAST CHECKED ON		06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	10:19	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,603		DUMPING:	00:00	00:12	0.0				
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	11:05	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			
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
4	10,540	Cell 8 & 9		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			
40' Crewboat		Cape Anne		400	12:00	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 96 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 48
DREDGE	NAME AND TYPE Columbia	DATE 07/27/2014	

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	Sta 460+00 to 530+00 Cell 8 & 9	00:00 00:33	33 0	202 4 104	343 2,635 0
2	Sta 460+00 to 530+00 Cell 8 & 9	05:43 06:18	35 0	215 4 182	436 2,635 0
3	Sta 460+00 to 530+00 Cell 8 & 9	12:59 13:50	42 9	193 4 190	438 2,635 0
4	Sta 460+00 to 530+00 Cell 8 & 9	20:17 20:42	25 0	9 0 189	223 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 97 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		49				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/28/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 460 to 530		Cell 8 & 9	7,905	318,419			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6000 FT		400 FT		32 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River	
		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			79 °F / 95 °F		10 MI		18 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:	00:00	01:48	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:10	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	12:06	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	00:12	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,976		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:	00:00	09:44	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
4	7,905	Cell 8 & 9		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		
40' Crewboat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 49
DREDGE	NAME AND TYPE Columbia		DATE 07/28/2014

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	Sta 460+00 to 530+00 Cell 8 & 9	00:00 00:01	1 0	206 4 0	211 0 0
2	Sta 460+00 to 530+00 Cell 8 & 9	03:31 04:08	37 0	221 4 191	453 2,635 0
3	Sta 460+00 to 530+00 Cell 8 & 9	11:04 12:01	47 10	196 4 191	448 2,635 0
4	Sta 460+00 to 530+00 Cell 8 & 9	18:32 18:55	23 0	103 0 202	328 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 99 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				50		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		07/29/2014		
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY
Columbia		NO. OF CREW MEMBERS	DREDGE		15	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 460 to 530				Cell 8 & 9	10,540	328,959			
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		32 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		90 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		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				79 °F / 89 °F		10 MI		17 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	01:32	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:21	0.0				
INDICATORS LAST CHECKED ON		06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	12:09	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,839		DUMPING:	00:00	00:16	0.0				
GALLONS OF WATER CONSUMED		GAL	935		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	09:42	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			
5		10,540	Cell 8 & 9		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			
40' Crewboat		Cape Anne		400	12:00	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 100 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 50
DREDGE	NAME AND TYPE Columbia	DATE 07/29/2014	

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	Sta 460+00 to 530+00 Cell 8 & 9	00:00 00:01	1 0	100 4 0	105 2,635 0
2	Sta 460+00 to 530+00 Cell 8 & 9	01:45 02:25	28 12	217 4 196	457 2,635 0
3	Sta 460+00 to 530+00 Cell 8 & 9	09:22 10:02	31 9	203 4 188	435 2,635 0
4	Sta 460+00 to 530+00 Cell 8 & 9	16:37 17:08	31 0	209 4 198	442 2,635 0
5	Sta 460+00 to 530+00 Cell 8 & 9	23:59 24:00	1 0	0 0 0	1 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 101 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		51				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							07/30/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		15	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 460 to 530		Cell 8 & 9	7,905	336,864			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6000 FT		400 FT		32 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River	
		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			66 °F / 86 °F		10 MI		12 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6	17		EFFECTIVE WORKING TIME:						
AFT		9	17		PUMPING:		00:00	01:30	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:		00:00	09:25	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,339		DUMPING:		00:00	00:08	0.0		
GALLONS OF WATER CONSUMED		GAL	748		DISCONNECTING:		00:00	00:00	0.0		
					TO CUT:		00:00	09:36	0.0		
					TOTALS:		00:00	20:39	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
3	7,905	Cell 8 & 9		0	LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	03:21	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		
40' Crewboat	Cape Anne		400	12:00	MISCELLANEOUS		00:00	00:00	0.0		
					TOTALS		00:00	03:21	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 102 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 51
DREDGE	NAME AND TYPE Columbia	DATE 07/30/2014	

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	Sta 460+00 to 530+00	00:00	30	221	446
	Cell 8 & 9	00:30	0	4 191	2,635 0
2	Sta 460+00 to 530+00	07:26	33	214	432
	Cell 8 & 9	07:59	0	4 181	2,635 0
3	Sta 460+00 to 530+00	14:38	27	130	361
	Cell 8 & 9	15:05	0	0 204	2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1239 Minutes @ 100%
201 Minutes @ 0 % for minor repairs -- Hydraulics

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 103 of 279	
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				52	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		07/31/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
		15		2				2		7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	
		Mobile Ship Channel		Sta 460 to 530				Cell 8 & 9		7,905	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		32 NM			
		6000 FT		400 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN		TIME		MAX		TIME		GAGE LOCATION	
		0.00		00:00		0.00		00:00		Dog River	
		MIN		TIME		MAX		TIME		GAGE DATUM	
		0.00		00:00		0.00		00:00		MLLW	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND	
		Weather Caused No Delay				66 °F / 89 °F		10 MI		12 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
										MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:		00:00		01:32	
						TURNING:		00:00		00:06	
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:		00:00		11:34	
						CONNECTING:		00:00		00:00	
INDICATORS LAST CHECKED ON		06/25/2014				DUMPING:		00:00		00:16	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		TO CUT:		00:00		10:22	
GALLONS OF FUEL OIL CONSUMED		GAL		2,795		TOTALS:		00:00		23:50	
GALLONS OF WATER CONSUMED		GAL		935		NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
5		7,905		Cell 8 & 9		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:10	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		FIRE AND BOAT DRILLS:		00:00		00:00	
40' Crewboat		Cape Anne		400		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:10	
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	
						CESSATION:		00:00		00:00	
						COLLISIONS:		00:00		00:00	
						TOTALS:		00:00		00:00	
						TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 104 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 52
DREDGE	NAME AND TYPE Columbia		DATE 07/31/2014

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	Sta 460+00 to 530+00 Cell 8 & 9	00:00 00:01	1 0	87 4 0	92 0 0
2	Sta 460+00 to 530+00 Cell 8 & 9	01:32 02:13	35 6	205 4 191	441 2,635 0
3	Sta 460+00 to 530+00 Cell 8 & 9	08:53 09:21	28 0	209 4 183	424 2,635 0
4	Sta 460+00 to 530+00 Cell 8 & 9	16:07 16:34	27 0	193 4 200	424 2,635 0
5	Sta 460+00 to 530+00 Cell 8 & 9	23:11 23:12	1 0	0 0 48	49 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1430 Minutes @ 100%
10 Minutes @ 0% minor repairs -- Lost Prime

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 105 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		53	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/01/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		15	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 460 to 530 and 1070 to 1130		Cell 8 & 9	10,540	355,309
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		73 °F / 85 °F	10 MI	6 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	02:13	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:08	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:49	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,863	DUMPING:	00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	768	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:38	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	10,540	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 106 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 53
DREDGE	NAME AND TYPE Columbia	DATE 08/01/2014	

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	Sta 460+00 to 530+00 Cell 8 & 9	00:00 00:44	36 8	207 4 135	390 2,635 0
2	Sta 460+00 to 530+00 Cell 8 & 9	06:30 07:05	35 0	196 4 196	431 2,635 0
3	Sta 460+00 to 530+00 Cell 8 & 9	13:41 14:15	34 0	207 4 184	429 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	20:50 21:18	28 0	39 0 123	190 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 107 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		54	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/02/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		16	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 1070+00 to 1130+00		Cell 8 & 9	10,540	365,849
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 32 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Fowl River		
		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		73 °F / 91 °F	10 MI	24 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	02:26	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	11:16	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,517	DUMPING:	00:00	00:20	0.0	
GALLONS OF WATER CONSUMED		GAL	561	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	09:58	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
6	10,540	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 108 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 54
DREDGE	NAME AND TYPE Columbia	DATE 08/02/2014	

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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:01	1 0	112 4 0	117 0 0
2	Sta 1070+00 to 1130+00 Cell 8 & 9	01:57 02:39	42 0	134 4 135	315 2,635 0
3	Sta 1070+00 to 1130+00 Cell 8 & 9	07:12 07:44	32 0	141 4 127	304 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	12:16 12:56	40 0	144 4 131	319 2,635 0
5	Sta 1070+00 to 1130+00 Cell 8 & 9	17:35 18:05	30 0	145 4 126	305 2,635 0
6	Sta 1070+00 to 1130+00 Cell 8 & 9	22:40 22:41	1 0	0 0 79	80 0 0

QC NARRATIVE(S)
GENERAL COMMENTS
 1440 Minutes @ 100%

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 109 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		55				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							08/03/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		16	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 1070+00 to 1130+00		Cell 8 & 9	13,175	379,024			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6000 FT		400 FT		23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Fowl River	
		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			73 °F / 87 °F		10 MI		8 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:	00:00	02:44	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	11:20	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	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,881		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:	00:00	09:40	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
5	13,175	Cell 8 & 9		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		
40' Crewboat		Cape Anne		400	12:00	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 110 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 55
DREDGE	NAME AND TYPE Columbia	DATE 08/03/2014	

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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:28	28 0	136 4 62	230 2,635 0
2	Sta 1070+00 to 1130+00 Cell 8 & 9	03:50 04:24	34 0	140 4 124	302 2,635 0
3	Sta 1070+00 to 1130+00 Cell 8 & 9	08:52 09:34	42 0	137 4 127	310 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	14:02 14:37	35 0	132 4 131	302 2,635 0
5	Sta 1070+00 to 1130+00 Cell 8 & 9	19:04 19:29	25 0	135 0 136	296 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 111 of 279		
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 56		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/04/2014				
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		16	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Ship Channel	Sta 1070+00 to 1130+00		Cell 8 & 9	13,175	392,199					
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER		1470			
		DENSITY OF WATER			1012		GMS/LITER@		90 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		Fowl River				
		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 / 91 °F	VISIBILITY 10 MI	WIND 26 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	6		17		EFFECTIVE WORKING TIME:							
AFT	9		17		PUMPING:	00:00	02:38	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:10	0.0				
INDICATORS LAST CHECKED ON	06/25/2014				TO DUMP:	00:00	09:33	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	00:20	0.0				
GALLONS OF FUEL OIL CONSUMED			GAL	2,562	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED			GAL	748	TO CUT:	00:00	11:19	0.0				
					TOTALS:	00:00	24:00	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
6	13,175	Cell 8 & 9		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				
40' Crewboat	Cape Anne		400	12:00	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 112 of 279		
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 56	
DREDGE		NAME AND TYPE Columbia				DATE 08/04/2014	
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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:01	1 0	1 4 0	6 0 0		
2	Sta 1070+00 to 1130+00 Cell 8 & 9	00:06 00:38	32 0	135 4 132	303 2,635 0		
3	Sta 1070+00 to 1130+00 Cell 8 & 9	05:09 05:44	35 0	129 4 137	305 2,635 0		
4	Sta 1070+00 to 1130+00 Cell 8 & 9	10:14 11:04	40 10	131 4 129	314 2,635 0		
5	Sta 1070+00 to 1130+00 Cell 8 & 9	15:28 15:53	25 0	145 4 148	322 2,635 0		
6	Sta 1070+00 to 1130+00 Cell 8 & 9	20:50 21:15	25 0	32 0 133	190 2,635 0		

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 57	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 08/05/2014			
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		16	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Ship Channel	Sta 1070+00 to 1130+00		Cell 8 & 9	10,540	402,739					
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 23 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER 1470					
		DENSITY OF WATER			1012		GMS/LITER@ 90 °F					
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Fowl River						
		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 / 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	6	17		EFFECTIVE WORKING TIME:								
AFT	9	17		PUMPING:	00:00	02:12	0.0					
DRAG DEPTH	MAX 0	MIN 0		TURNING:	00:00	00:00	0.0					
INDICATORS LAST CHECKED ON	06/25/2014			TO DUMP:	00:00	10:26	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	3,000		DISCONNECTING:	00:00	00:00	0.0					
GALLONS OF WATER CONSUMED	GAL	1,122		TO CUT:	00:00	10:52	0.0					
				TOTALS:	00:00	23:50	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					
6	10,540	Cell 8 & 9	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:10	0.0					
				MINOR OPERATING REPAIRS	00:00	00:00	0.0					
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0					
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					
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0					
				TOTALS	00:00	00:10	0.0					
				LOST TIME:								
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0					
				CESSATION:	00:00	00:00	0.0					
				COLLISIONS:	00:00	00:00	0.0					
				TOTALS:	00:00	00:00	0.0					
				TOTAL TIME/MILES:	00:00	24:00	0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 114 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 57
DREDGE	NAME AND TYPE Columbia	DATE 08/05/2014	

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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:01	1 0	107 4 0	112 0 0
2	Sta 1070+00 to 1130+00 Cell 8 & 9	01:52 02:20	28 0	133 4 126	291 2,635 0
3	Sta 1070+00 to 1130+00 Cell 8 & 9	06:53 07:30	37 0	124 4 147	312 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	12:05 12:43	38 0	124 4 143	309 2,635 0
5	Sta 1070+00 to 1130+00 Cell 8 & 9	17:14 17:41	27 0	138 4 141	310 2,635 0
6	Sta 1070+00 to 1130+00 Cell 8 & 9	22:24 22:25	1 0	0 0 95	96 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1430 Minutes @ 100%
10 Minutes @ 70%

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 115 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		58				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							08/06/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		16	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 1070+00 to 1130+00		Cell 8 & 9	13,175	415,914			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6000 FT		400 FT		23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Fowl River	
		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			73 °F / 91 °F		10 MI		9 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6	17		EFFECTIVE WORKING TIME:						
AFT		9	17		PUMPING:	00:00	02:40	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		06/25/2014									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	11:39	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	2,880		DUMPING:	00:00	00:16	0.0			
GALLONS OF WATER CONSUMED		GAL	1,372		DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	09:25	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			
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			
5	13,175	Cell 8 & 9		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			
40' Crewboat	Cape Anne		400	12:00	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 116 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 58
DREDGE	NAME AND TYPE Columbia	DATE 08/06/2014	

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	Sta 1070+00 to 1130+00	00:00	25	136	196
	Cell 8 & 9	00:25	0	4	2,635
				31	0
2	Sta 1070+00 to 1130+00	03:16	31	145	302
	Cell 8 & 9	03:47	0	4	2,635
				122	0
3	Sta 1070+00 to 1130+00	08:18	33	122	302
	Cell 8 & 9	08:51	0	4	2,635
				143	0
4	Sta 1070+00 to 1130+00	13:20	46	160	360
	Cell 8 & 9	14:06	0	4	2,635
				150	0
5	Sta 1070+00 to 1130+00	19:20	25	136	280
	Cell 8 & 9	19:45	0	0	2,635
				119	0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 117 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				59		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		08/07/2014		
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY
Columbia		NO. OF CREW MEMBERS	DREDGE		16	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 1070+00 to 1130+00			Cell 8 & 9		13,175	429,089			
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		23 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		90 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Fowl River		
		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 / 91 °F		10 MI		17 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	02:27	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:06	0.0				
INDICATORS LAST CHECKED ON		06/25/2014		TO DUMP:	00:00	10:55	0.0					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:27	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	3,305		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED		GAL	672		TO CUT:	00:00	10:05	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			
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			
6	13,175	Cell 8 & 9		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			
40' Crewboat		Cape Anne		400	12:00	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 118 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 59
DREDGE	NAME AND TYPE Columbia	DATE 08/07/2014	

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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:01	1 0	14 4 0	19 0 0
2	Sta 1070+00 to 1130+00 Cell 8 & 9	00:19 00:49	30 0	144 4 116	294 2,635 0
3	Sta 1070+00 to 1130+00 Cell 8 & 9	05:13 05:43	30 0	139 11 113	293 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	10:06 10:37	31 0	127 4 122	284 2,635 0
5	Sta 1070+00 to 1130+00 Cell 8 & 9	14:50 15:21	31 0	136 4 135	306 2,635 0
6	Sta 1070+00 to 1130+00 Cell 8 & 9	19:56 20:26	24 6	95 0 119	244 2,635 0

QC NARRATIVE(S)
GENERAL COMMENTS
 1440 Minutes @ 100%

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 119 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				60		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		08/08/2014		
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY
Columbia		NO. OF CREW MEMBERS	DREDGE		16	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 1070+00 to 1130+00				Cell 8 & 9	7,905	436,994			
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		23 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		90 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Fowl River		
		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				77 °F / 91 °F		10 MI		22 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	01:24	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:14	0.0				
INDICATORS LAST CHECKED ON		06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	06:17	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	1,500		DUMPING:	00:00	00:12	0.0				
GALLONS OF WATER CONSUMED		GAL	500		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	06:02	0.0				
					TOTALS:	00:00	14:09	0.0				
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	06:49	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	03:02	0.0			
4	7,905	Cell 8 & 9		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			
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0			
						TOTALS	00:00	09:51	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 120 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 60
DREDGE	NAME AND TYPE Columbia	DATE 08/08/2014	

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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:01	1 0	44 4 0	49 0 0
2	Sta 1070+00 to 1130+00 Cell 8 & 9	00:49 01:23	28 6	139 4 125	302 2,635 0
3	Sta 1070+00 to 1130+00 Cell 8 & 9	05:51 06:19	28 0	118 4 114	264 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	20:06 20:41	27 8	76 0 123	234 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

849 Minutes @ 100%
591 Minutes @ 0% for Fueling

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 121 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 61	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/09/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 1070+00 to 1130+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 447,534			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER 1470			
		DENSITY OF WATER				1012		GMS/LITER@ 90 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Fowl River					
		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 / 94 °F	VISIBILITY 10 MI	WIND 26 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6	17		EFFECTIVE WORKING TIME:						
AFT		9	17		PUMPING:	00:00	01:46	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:22	0.0		
INDICATORS LAST CHECKED ON		06/25/2014			TO DUMP:	00:00	08:52	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,784		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		784		TO CUT:	00:00	07:36	0.0		
						TOTALS:	00:00	18:52	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Cell 8 & 9		TOTAL CYS 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 00:00 0.0			
								MINOR OPERATING REPAIRS			
								00:00 05:08 0.0			
								TRANSFERRING BETWEEN WORKS			
								00:00 00:00 0.0			
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS		00:00	00:00	0.0	
						TOTALS		00:00	05:08	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 122 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 61
DREDGE	NAME AND TYPE Columbia	DATE 08/09/2014	

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	Sta 1070+00 to 1130+00 Cell 8 & 9	00:00 00:01	1 0	58 4 0	63 0 0
2	Sta 1070+00 to 1130+00 Cell 8 & 9	01:03 01:37	28 6	137 4 121	296 2,635 0
3	Sta 1070+00 to 1130+00 Cell 8 & 9	05:59 06:33	26 8	133 4 116	287 2,635 0
4	Sta 1070+00 to 1130+00 Cell 8 & 9	10:46 11:10	24 0	118 4 124	270 2,635 0
5	Sta 1070+00 to 1130+00 Cell 8 & 9	16:08 16:43	27 8	86 0 95	216 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1132 Minutes @ 100%
308 Minutes @ 0% for Minor repairs -- Generator cooling

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 123 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		62	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/10/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		16	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 1035+00 to 1070+00		Cell 8 & 9	13,175	460,709
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 24 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Fowl River		
		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		73 °F / 89 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	02:13	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:36	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:05	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,538	DUMPING:	00:00	00:20	0.0	
GALLONS OF WATER CONSUMED		GAL	784	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:46	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
6	13,175	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 124 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 62
DREDGE	NAME AND TYPE Columbia		DATE 08/10/2014

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	Sta 1035+00 to 1070+00 Cell 8 & 9	00:00 00:01	1 0	40 4 0	45 0 0
2	Sta 1035+00 to 1070+00 Cell 8 & 9	00:45 01:17	24 8	145 4 123	304 2,635 0
3	Sta 1035+00 to 1070+00 Cell 8 & 9	05:49 06:22	25 8	141 4 116	294 2,635 0
4	Sta 1035+00 to 1070+00 Cell 8 & 9	10:43 11:20	30 7	126 4 128	295 2,635 0
5	Sta 1035+00 to 1070+00 Cell 8 & 9	15:38 16:12	27 7	124 4 145	307 2,635 0
6	Sta 1035+00 to 1070+00 Cell 8 & 9	20:45 21:17	26 6	29 0 134	195 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 125 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		63				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							08/11/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		16	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 1035+00 to 1070+00		Cell 8 & 9	10,540	471,249			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		3500 FT		400 FT		24 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Fowl River	
		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			73 °F / 91 °F		10 MI		30 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:	00:00	01:54	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:28	0.0		
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	11:00	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	00:30	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,920		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:	00:00	10:08	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	0.0		
6	10,540	Cell 8 & 9		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	00:00	0.0		
					MINOR OPERATING REPAIRS	00:00	00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS	00:00	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	00:00	0.0	
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	00:00	0.0	
						TOTALS	00:00	00:00	00:00	0.0	
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	00:00	0.0		
					CESSATION:	00:00	00:00	00:00	0.0		
					COLLISIONS:	00:00	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	00:00	0.0		
					TOTAL TIME/MILES:	00:00	24:00	00:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 126 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 63
DREDGE	NAME AND TYPE Columbia	DATE 08/11/2014	

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	Sta 1035+00 to 1070+00 Cell 8 & 9	00:00 00:01	1 0	112 4 0	117 0 0
2	Sta 1035+00 to 1070+00 Cell 8 & 9	01:57 02:30	26 7	141 14 128	316 2,635 0
3	Sta 1035+00 to 1070+00 Cell 8 & 9	07:13 07:47	27 7	141 4 127	306 2,635 0
4	Sta 1035+00 to 1070+00 Cell 8 & 9	12:19 12:58	32 7	139 4 127	309 2,635 0
5	Sta 1035+00 to 1070+00 Cell 8 & 9	17:28 18:02	27 7	127 4 145	310 2,635 0
6	Sta 1035+00 to 1070+00 Cell 8 & 9	22:38 22:39	1 0	0 0 81	82 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 127 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 64	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/12/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 1035+00 to 1070+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 13,175	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 484,424			
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 24 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER 1470			
		DENSITY OF WATER				1012		GMS/LITER@ 90 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Fowl River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 70 °F / 89 °F	VISIBILITY 10 MI	WIND 32 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6	17		EFFECTIVE WORKING TIME:						
AFT		9	17		PUMPING:	00:00	02:16	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:35	0.0		
INDICATORS LAST CHECKED ON		06/25/2014			TO DUMP:	00:00	11:15	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:20	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,987		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:	00:00	09:34	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 6	TOTAL CYS 13,175	DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
						LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crewboat		Cape Anne		400	12:00	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 128 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 64
DREDGE	NAME AND TYPE Columbia	DATE 08/12/2014	

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	Sta 1035+00 to 1070+00 Cell 8 & 9	00:00 00:37	30 7	138 4 45	224 2,635 0
2	Sta 1035+00 to 1070+00 Cell 8 & 9	03:44 04:15	25 6	138 4 129	302 2,635 0
3	Sta 1035+00 to 1070+00 Cell 8 & 9	08:46 09:18	26 6	140 4 120	296 2,635 0
4	Sta 1035+00 to 1070+00 Cell 8 & 9	13:42 14:18	27 9	128 4 127	295 2,635 0
5	Sta 1035+00 to 1070+00 Cell 8 & 9	18:37 19:11	27 7	131 4 138	307 2,635 0
6	Sta 1035+00 to 1070+00 Cell 8 & 9	23:44 23:45	1 0	0 0 15	16 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 129 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		65	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/13/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		16	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 1035+00 to 1070+00 & 410 to 470		Cell 8 & 9	13,175	497,599
		AVG LENGTH OF CUT 3500 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 24 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Fowl River		
		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		73 °F / 90 °F	10 MI	7 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	02:19	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:28	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
TO DUMP:		00:00	09:26	0.0				
CONNECTING:		00:00	00:00	0.0				
DUMPING:		00:00	00:16	0.0				
DISCONNECTING:		00:00	00:00	0.0				
TO CUT:		00:00	11:31	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,760	TOTALS:	00:00	24:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,385	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	
5	13,175	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 130 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 65
DREDGE	NAME AND TYPE Columbia	DATE 08/13/2014	

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	Sta 1035+00 to 1070+00 Cell 8 & 9	00:00 00:37	30 7	135 4 111	287 2,635 0
2	Sta 1035+00 to 1070+00 Cell 8 & 9	04:47 05:21	27 7	132 4 132	302 2,635 0
3	Sta 1035+00 to 1070+00 Cell 8 & 9	09:49 10:30	33 8	140 4 123	308 2,635 0
4	Sta 1035+00 to 1070+00 Cell 8 & 9	14:57 15:29	26 6	125 4 129	290 2,635 0
5	Sta 410+00 to 470+00 Cell 8 & 9	19:47 20:10	23 0	34 0 196	253 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 131 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		66	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/14/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		16	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 410+00 to 470+00		Cell 8 & 9	7,905	505,504
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		70 °F / 90 °F	10 MI	7 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:20	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:06	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
TO DUMP:		00:00	13:05	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	DUMPING:	00:00	00:12	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,569	TO CUT:	00:00	09:17	0.0	
GALLONS OF WATER CONSUMED		GAL	784	TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	7,905	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 132 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 66
DREDGE	NAME AND TYPE Columbia	DATE 08/14/2014	

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:01	1 0	176 4 0	181 0 0
2	Sta 410+00 to 470+00 Cell 8 & 9	03:01 03:30	29 0	210 4 190	433 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	10:14 10:45	25 6	209 4 180	424 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	17:18 17:43	25 0	190 0 187	402 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 133 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		67	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/15/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		16	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 410+00 to 470+00		Cell 8 & 9	7,905	513,409
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		69 °F / 90 °F	10 MI	23 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:23	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:08	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:42	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,655	DUMPING:	00:00	00:16	0.0	
GALLONS OF WATER CONSUMED		GAL	748	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	11:19	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	
5	7,905	Cell 8 & 9	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:12	0.0	
				MINOR OPERATING REPAIRS	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	00:12	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 134 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 67
DREDGE	NAME AND TYPE Columbia	DATE 08/15/2014	

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:01	1 0	21 4 0	26 0 0
2	Sta 410+00 to 470+00 Cell 8 & 9	00:26 01:01	27 8	200 4 184	423 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	07:41 08:08	27 0	212 4 195	438 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	14:59 15:26	27 0	209 4 179	419 2,635 0
5	Sta 410+00 to 470+00 Cell 8 & 9	21:58 21:59	1 0	0 0 121	122 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1428 Minutes @ 100%
12 Minutes @ 70% Traffic

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 135 of 279	
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				68	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		08/16/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
		6		16		2				2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	
		Mobile Ship Channel		Sta 410+00 to 470+00				Cell 8 & 9		10,540	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP				36 NM	
		6000 FT		400 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN		TIME		MAX		TIME		GAGE LOCATION	
		0.00		00:00		0.00		00:00		Dog River	
		MIN		TIME		MAX		TIME		GAGE DATUM	
		0.00		00:00		0.00		00:00		MLLW	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND	
		Weather Caused No Delay				71 °F / 91 °F		10 MI		23 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
										MILES RUN (NAUT MI)	
FORWARD		6		17		EFFECTIVE WORKING TIME:					
AFT		9		17		PUMPING:		00:00		01:48	
						TURNING:		00:00		00:08	
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:		00:00		11:37	
						CONNECTING:		00:00		00:00	
INDICATORS LAST CHECKED ON		06/25/2014				DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		TO CUT:		00:00		10:15	
GALLONS OF FUEL OIL CONSUMED		GAL		2,786		TOTALS:		00:00		24:00	
GALLONS OF WATER CONSUMED		GAL		636		NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
4		10,540		Cell 8 & 9		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		FIRE AND BOAT DRILLS:		00:00		00:00	
40' Crewboat		Cape Anne		400		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:00	
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	
						CESSATION:		00:00		00:00	
						COLLISIONS:		00:00		00:00	
						TOTALS:		00:00		00:00	
						TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 136 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 68
DREDGE	NAME AND TYPE Columbia	DATE 08/16/2014	

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	Sta 410+00 to 470+00	00:00	28	212	301
	Cell 8 & 9	00:28	0	4 57	2,635 0
2	Sta 410+00 to 470+00	05:01	26	201	423
	Cell 8 & 9	05:27	0	4 192	2,635 0
3	Sta 410+00 to 470+00	12:04	30	203	435
	Cell 8 & 9	12:42	8	4 190	2,635 0
4	Sta 410+00 to 470+00	19:19	24	81	281
	Cell 8 & 9	19:43	0	0 176	2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 69	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 08/17/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		16	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Ship Channel		Sta 410+00 to 470+00		Cell 8 & 9	7,905	531,854				
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		36 NM				
		6000 FT		400 FT		1470		GMS/LITER 1470				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1012		GMS/LITER@ 90 °F				
		DENSITY OF WATER										
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM MLLW		
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 15 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	01:24	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:08	0.0			
INDICATORS LAST CHECKED ON		06/25/2014				TO DUMP:	00:00	12:22	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:16	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,072		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:	00:00	09:50	0.0			
						TOTALS:	00:00	24:00	0.0			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
5	7,905	Cell 8 & 9		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			
40' Crewboat		Cape Anne		400	12:00	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 138 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 69
DREDGE	NAME AND TYPE Columbia	DATE 08/17/2014	

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:01	1 0	133 4 0	138 0 0
2	Sta 410+00 to 470+00 Cell 8 & 9	02:18 02:41	23 0	201 4 181	409 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	09:07 09:36	29 0	200 4 196	429 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	16:16 16:54	30 8	208 4 188	438 2,635 0
5	Sta 410+00 to 470+00 Cell 8 & 9	23:34 23:35	1 0	0 0 25	26 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 70
DREDGE	NAME AND TYPE Columbia		DATE 08/18/2014

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:30	30 0	213 4 147	394 2,635 0
2	Sta 410+00 to 470+00 Cell 8 & 9	06:34 07:08	26 8	189 4 190	417 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	13:31 14:00	29 0	204 4 195	432 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	20:43 21:06	23 0	0 0 174	197 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 71	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 08/19/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		16	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 410+00 to 470+00		DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 550,299				
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS		1470		GMS/LITER		1470				
		DENSITY OF WATER		1012		GMS/LITER@		90 °F				
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		Dog River				
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW				
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 77 °F / 93 °F	VISIBILITY 10 MI	WIND 21 MPH						
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	6		17		EFFECTIVE WORKING TIME:							
AFT	9		17		PUMPING:	00:00	01:34	0.0				
DRAG DEPTH	MAX 0	MIN 0	TURNING:									
INDICATORS LAST CHECKED ON	06/25/2014		TO DUMP:									
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN	0	CONNECTING:									
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN	0	DUMPING:									
GALLONS OF FUEL OIL CONSUMED	GAL	2,843	DISCONNECTING:									
GALLONS OF WATER CONSUMED	GAL	1,309	TO CUT:									
			TOTALS:									
			NON-EFFECTIVE WORKING TIME:									
			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0						
			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0						
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0					
4	10,540	Cell 8 & 9	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0					
				MINOR OPERATING REPAIRS	00:00	00:49	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					
40' Crewboat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:20	0.0					
				TOTALS	00:00	01:09	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 142 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 71
DREDGE	NAME AND TYPE Columbia	DATE 08/19/2014	

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:05	5 0	219 4 0	228 2,635 0
2	Sta 410+00 to 470+00 Cell 8 & 9	03:48 04:31	35 8	192 4 181	420 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	10:48 11:16	28 0	198 4 190	420 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	18:08 18:42	26 8	89 0 180	303 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1371 Minutes @ 100%
 20 Minutes @ 70% Traffic
 49 Minutes @ 0% Minor 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 143 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				72		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		08/20/2014		
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY
Columbia		NO. OF CREW MEMBERS	DREDGE		16	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel	Sta 410+00 to 470+00				Cell 8 & 9	7,905	558,204			
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		36 NM
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470		
		DENSITY OF WATER				1012		GMS/LITER@		90 °F		
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River		
		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 / 91 °F		10 MI		17 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6		17		EFFECTIVE WORKING TIME:						
AFT		9		17		PUMPING:	00:00	01:25	0.0			
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON		06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	12:19	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	2,674		DUMPING:	00:00	00:16	0.0				
GALLONS OF WATER CONSUMED		GAL	553		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	10:00	0.0				
					TOTALS:	00:00	24:00	0.0				
					NON-EFFECTIVE WORKING TIME:							
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
5		7,905	Cell 8 & 9		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			
40' Crewboat		Cape Anne		400	12:00	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 144 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 72
DREDGE	NAME AND TYPE Columbia	DATE 08/20/2014	

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:01	1 0	119 4 0	124 0 0
2	Sta 410+00 to 470+00 Cell 8 & 9	02:04 02:28	24 0	211 4 174	413 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	08:57 09:27	30 0	197 4 194	425 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	16:02 16:31	29 0	212 4 189	434 2,635 0
5	Sta 410+00 to 470+00 Cell 8 & 9	23:16 23:17	1 0	0 0 43	44 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 145 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 73	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/21/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 16		OTHER PLANT 2	WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 410+00 to 470+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 568,744			
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		Dog River			
		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 8 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	6		17		EFFECTIVE WORKING TIME:						
AFT	9		17		PUMPING:	00:00	01:53	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:05	0.0			
INDICATORS LAST CHECKED ON	06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0	TO DUMP:	00:00	10:16	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0	CONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,143	DUMPING:	00:00	00:12	0.0			
GALLONS OF WATER CONSUMED		GAL		551	DISCONNECTING:	00:00	00:00	0.0			
					TO CUT:	00:00	11:34	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 4	TOTAL CYS 10,540	DISPOSAL AREA Cell 8 & 9		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			
40' Crewboat	Cape Anne		400	12:00	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 146 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 73
DREDGE	NAME AND TYPE Columbia	DATE 08/21/2014	

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:29	29 0	213 4 132	378 2,635 0
2	Sta 410+00 to 470+00 Cell 8 & 9	06:18 06:42	24 0	200 4 184	412 2,635 0
3	Sta 410+00 to 470+00 Cell 8 & 9	13:10 13:47	32 5	192 4 197	430 2,635 0
4	Sta 410+00 to 470+00 Cell 8 & 9	20:20 20:48	28 0	11 0 181	220 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 147 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		74	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/22/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			16	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Ship Channel	Sta 410+00 to 470+00 & 660 to 720		Cell 8 & 9	7,905	576,649	
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 36 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470	GMS/LITER 1470		
		DENSITY OF WATER			1012	GMS/LITER@ 90 °F		
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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		78 °F / 95 °F	10 MI	9 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	6	17		EFFECTIVE WORKING TIME:				
AFT	9	17		PUMPING:	00:00	01:27	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:08	0.0	
INDICATORS LAST CHECKED ON 06/25/2014				TO DUMP:	00:00	12:47	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:28	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,512	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	748	TO CUT:	00:00	09:10	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				AGITATING	TAKING ON FUEL AND SUPPLIES			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:				
5	7,905	Cell 8 & 9	0	00:00 00:00 0.0				
				LOSS DUE TO NATURAL ELEMENTS:				
				00:00 00:00 0.0				
				LOSS DUE TO TRAFFIC AND BRIDGES				
				00:00 00:00 0.0				
				MINOR OPERATING REPAIRS				
				00:00 00:00 0.0				
				TRANSFERRING BETWEEN WORKS				
				00:00 00:00 0.0				
ATTENDANT PLANT				LAY TIME:				
ITEM	NAME OR NUMBER	H.P.	HOURS	00:00 00:00 0.0				
40' Crewboat	Cape Anne	400	12:00	FIRE AND BOAT DRILLS:				
				00:00 00:00 0.0				
				MISCELLANEOUS				
				00:00 00:00 0.0				
				TOTALS				
				00:00 00:00 0.0				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS				
				00:00 00:00 0.0				
				CESSATION:				
				00:00 00:00 0.0				
				COLLISIONS:				
				00:00 00:00 0.0				
				TOTALS:				
				00:00 00:00 0.0				
				TOTAL TIME/MILES:				
				00:00 24:00 0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 74
DREDGE	NAME AND TYPE Columbia		DATE 08/22/2014

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	Sta 410+00 to 470+00 Cell 8 & 9	00:00 00:01	1 0	202 4 0	207 0 0
2	Sta 410+00 to 470+00 Cell 8 & 9	03:27 03:59	24 8	203 16 181	432 2,635 0
3	Sta 660+00 to 720+00 Cell 8 & 9	10:39 11:07	28 0	172 4 167	371 2,635 0
4	Sta 660+00 to 720+00 Cell 8 & 9	16:50 17:23	33 0	190 4 164	391 2,635 0
5	Sta 660+00 to 720+00 Cell 8 & 9	23:21 23:22	1 0	0 0 38	39 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 149 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 75	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/23/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 660+00 to 720+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 587,189			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 31 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 79 °F / 96 °F	VISIBILITY 10 MI	WIND 12 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	6		17		EFFECTIVE WORKING TIME:						
AFT	9		17		PUMPING:	00:00	01:51	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON 06/25/2014					TO DUMP:	00:00	10:36	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:12	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		2,889		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		740		TO CUT:	00:00	10:41	0.0		
					TOTALS:	00:00	23:20	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING						
NO.OF LOADS 4	TOTAL CYS 10,540	DISPOSAL AREA Cell 8 & 9		TOTAL CYS 0		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:40	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		
40' Crewboat	Cape Anne		400	12:00		MISCELLANEOUS	00:00	00:00	0.0		
					TOTALS		00:00	00:40	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 150 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 75
DREDGE	NAME AND TYPE Columbia	DATE 08/23/2014	

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	Sta 660+00 to 720+00 Cell 8 & 9	00:00 00:29	29 0	193 4 114	340 2,635 0
2	Sta 660+00 to 720+00 Cell 8 & 9	05:40 06:08	28 0	182 4 158	372 2,635 0
3	Sta 660+00 to 720+00 Cell 8 & 9	11:52 12:20	28 0	172 4 168	372 2,635 0
4	Sta 660+00 to 720+00 Cell 8 & 9	18:04 18:30	26 0	89 0 201	316 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1400 Minutes @ 100%
40 Minutes @ 0% Minor Repairs - Hydraulics

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 151 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 76	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 08/24/2014			
DREDGE Columbia		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 16	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel	REACH DREDGED; STA TO STA Sta 660+00 to 720+00			DISPOSAL AREA USE Cell 8 & 9	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 597,729			
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 31 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470	
		DENSITY OF WATER				1012		GMS/LITER@		90 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 79 °F / 100 °F	VISIBILITY 10 MI	WIND 12 MPH				
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	6		17			EFFECTIVE WORKING TIME:					
AFT	9		17			PUMPING:	00:00	01:44	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:05	0.0		
INDICATORS LAST CHECKED ON	06/25/2014										
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0			TO DUMP:	00:00	11:07	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0			CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED			GAL	3,074			DUMPING:	00:00	00:16	0.0	
GALLONS OF WATER CONSUMED			GAL	746			DISCONNECTING:	00:00	00:00	0.0	
						TO CUT:	00:00	10:48	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 5	TOTAL CYS 10,540	DISPOSAL AREA Cell 8 & 9			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		
40' Crewboat	Cape Anne			400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 76
DREDGE	NAME AND TYPE Columbia		DATE 08/24/2014

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	Sta 660+00 to 720+00 Cell 8 & 9	00:00 00:01	1 0	95 4 0	100 0 0
2	Sta 660+00 to 720+00 Cell 8 & 9	01:40 02:08	28 0	190 4 166	388 2,635 0
3	Sta 660+00 to 720+00 Cell 8 & 9	08:08 08:32	24 0	195 4 157	380 2,635 0
4	Sta 660+00 to 720+00 Cell 8 & 9	14:28 14:54	26 0	179 4 170	379 2,635 0
5	Sta 660+00 to 720+00 Cell 8 & 9	20:47 21:17	25 5	8 0 155	193 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 153 of 279					
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.					
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				77					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		08/25/2014					
DREDGE		HOPPER CAP:		4487 CY		AVG VOL OF BIN WATER:		4487 CY		AVG UNFILLED CAP:		0 CY			
Columbia		NO. OF CREW MEMBERS	DREDGE		16	OTHER PLANT	2	WORK SCHEDULE	SHIFTS PER DAY	2	DAYS PER WEEK	7			
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)						
		Mobile Ship Channel	Sta 660+00 to 720+00				Cell 8 & 9	2,635	600,364						
		AVG LENGTH OF CUT		6000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		31 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1470		GMS/LITER		1470					
		DENSITY OF WATER				1012		GMS/LITER@		90 °F					
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River					
		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				80 °F / 91 °F		10 MI		16 MPH					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)					
FORWARD		6		17		EFFECTIVE WORKING TIME:									
AFT		9		17		PUMPING:	00:00	00:28	0.0						
DRAG DEPTH		MAX 0	MIN 0		TURNING:						00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014													
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:						00:00	05:52	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:						00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	900		DUMPING:						00:00	00:08	0.0		
GALLONS OF WATER CONSUMED		GAL	546		DISCONNECTING:						00:00	00:00	0.0		
						TO CUT:						00:00	03:42	0.0	
						TOTALS:						00:00	10:10	0.0	
						NON-EFFECTIVE WORKING TIME:									
						TAKING ON FUEL AND SUPPLIES	00:00	13:50	0.0						
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0						
NO.OF LOADS		3	TOTAL CYS	2,635	DISPOSAL AREA	Cell 8 & 9	TOTAL CYS	0	LOSS DUE TO NATURAL ELEMENTS:			00:00	00:00	0.0	
										LOSS DUE TO TRAFFIC AND BRIDGES			00:00	00:00	0.0
										MINOR OPERATING REPAIRS			00:00	00:00	0.0
										TRANSFERRING BETWEEN WORKS			00:00	00:00	0.0
										LAY TIME:			00:00	00:00	0.0
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0						
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0						
						TOTALS	00:00	13:50	0.0						
						LOST TIME:									
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0						
						CESSATION:	00:00	00:00	0.0						
						COLLISIONS:	00:00	00:00	0.0						
						TOTALS:	00:00	00:00	0.0						
						TOTAL TIME/MILES:	00:00	24:00	0.0						

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 154 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 77
DREDGE	NAME AND TYPE Columbia	DATE 08/25/2014	

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	Sta 660+00 to 720+00 Cell 8 & 9	00:00 00:01	1 0	174 4 0	179 0 0
2	Sta 660+00 to 720+00 Cell 8 & 9	02:59 03:25	26 0	178 4 209	417 2,635 0
3	Sta 660+00 to 720+00 Cell 8 & 9	23:46 23:47	1 0	0 0 13	14 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

610 Minutes @ 100%
830 Minutes @ 0% Minor Repairs - Fuel and Water

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 155 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		78	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							08/26/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		16	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Ship Channel		Sta 660+00 to 720+00		Cell 8 & 9	10,540	610,904
		AVG LENGTH OF CUT 6000 FT		AVG WIDTH OF CUT 400 FT		AVG DIST TO DUMP 31 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470
		DENSITY OF WATER			1012		GMS/LITER@	90 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION Dog River		
		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 / 91 °F	10 MI	16 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		6	17	EFFECTIVE WORKING TIME:				
AFT		9	17	PUMPING:	00:00	01:54	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		06/25/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:41	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,071	DUMPING:	00:00	00:12	0.0	
GALLONS OF WATER CONSUMED		GAL	748	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	11:13	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	10,540	Cell 8 & 9	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	
40' Crewboat	Cape Anne	400	12:00	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 156 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 78
DREDGE	NAME AND TYPE Columbia	DATE 08/26/2014	

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	Sta 660+00 to 720+00 Cell 8 & 9	00:00 00:30	30 0	184 4 158	376 2,635 0
2	Sta 660+00 to 720+00 Cell 8 & 9	06:16 06:42	26 0	190 4 172	392 2,635 0
3	Sta 660+00 to 720+00 Cell 8 & 9	12:48 13:19	31 0	176 4 171	382 2,635 0
4	Sta 660+00 to 720+00 Cell 8 & 9	19:10 19:37	27 0	91 0 172	290 2,635 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 157 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		79				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							08/27/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Columbia		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		16	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Ship Channel		Sta 660+00 to 720+00		Cell 8 & 9	0	610,904			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		6000 FT		400 FT		31 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1470		GMS/LITER	1470			
		DENSITY OF WATER			1012		GMS/LITER@	90 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION Dog River	
		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 / 91 °F		10 MI		16 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		6	17			EFFECTIVE WORKING TIME:					
AFT		9	17			PUMPING:	00:00	00:01	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		06/25/2014			TO DUMP:	00:00	01:35	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	00:59	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	1,000			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	500			TO CUT:	00:00	00:58	0.0		
					TOTALS:	00:00	03:33	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
1		0	Cell 8 & 9		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		
40' Crewboat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	20:27	0.0		
						TOTALS	00:00	20:27	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 158 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 79
DREDGE	NAME AND TYPE Columbia	DATE 08/27/2014	

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	Sta 660+00 to 720+00 Cell 8 & 9	00:00 00:01	1 0	95 59 58	213 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

213 Minutes @ 100%
1227 Minutes @ 0% Minor Repairs - Annual Shipyard

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 159 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		96	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							09/13/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Sta 200+00 to 230+00		Open Water Cell 8 & 9	5,927	5,927
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	91 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION NOAA State Docks		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM NA		
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		73 °F / 91 °F	10 MI	14 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	00:49	0.0	
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:35	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:	00:00	04:36	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	3,000	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,000	TO CUT:	00:00	00:00	0.0	
				TOTALS:	00:00	06:00	0.0	
				NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
1	5,927	Cell 8 & 9	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	18:00	0.0	
				TOTALS	00:00	18:00	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 160 of 279	
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company		REPORT NO. 96
DREDGE	NAME AND TYPE Stuyvesant			DATE 09/13/2014

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	Sta 200+00 to 230+00 Cell 8 & 9	18:00 19:24	49 35	276 0 0	360 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

360 Minutes @ 100%
1080 Minutes @ 0 %

Dredge Stuyvesant mobilized to the Mobile

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 161 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		97	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							09/14/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Sta 200+00 to 230+00		Open Water Cell 8 & 9	11,854	17,781
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	91 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION NOAA State Docks		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM NA		
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		71 °F / 91 °F	10 MI	14 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	01:14	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:27	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
TO DUMP:		00:00	09:43	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	DUMPING:	00:00	00:13	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	5,292	TO CUT:	00:00	11:18	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	TOTALS:	00:00	22:55	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	11,854	Cell 8 & 9	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	01:05	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	01:05	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 97
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/14/2014

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	Sta 200+00 to 230+00 Cell 8 & 9	00:00 00:01	1 0	19 6 0	26 0 0
2	Sta 200+00 to 230+00 Cell 8 & 9	00:26 01:21	35 20	289 4 265	613 5,927 0
3	Sta 200+00 to 230+00 Cell 8 & 9	10:39 11:23	37 7	275 3 227	549 5,927 0
4	Sta 200+00 to 230+00 Cell 8 & 9	20:53 20:54	1 0	0 0 186	187 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1375 Minutes @ 100%
65 Minutes @ 0 % minor repairs meg dredge pump motor

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 163 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				98		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		09/15/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
Stuyvesant		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		
		22		2						2		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Sta 200+00 to 230+00			Open Watr Cell 8, 9, 1, 2		17,781		35,562	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP						
		3000 FT		200 FT		42 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45		
		DENSITY OF WATER				1.0060		GMS/LITER@		91 °F		
RIVER/TIDE STAGE		MIN		0.00		TIME		00:00		MAX		
		MIN		0.00		TIME		00:00		MAX		
		MIN		0.00		TIME		00:00		GAGE LOCATION		
		MIN		0.00		TIME		00:00		GAGE DATUM		
		MIN		0.00		TIME		00:00		NA		
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND		
		Weather Caused No Delay				75 °F / 90 °F		10 MI		9 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)
FORWARD		17		24		EFFECTIVE WORKING TIME:						
AFT		29		29		PUMPING:		00:00		01:36		0.0
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:20		0.0
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:		00:00		11:48		0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:08		0.0
GALLONS OF FUEL OIL CONSUMED		GAL		5,292		DISCONNECTING:		00:00		00:00		0.0
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:		00:00		09:53		0.0
						TOTALS:		00:00		23:45		0.0
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0
1	5,927	Cell 8 & 9		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:15		0.0
2	11,854	Cell 1 & 2		0		MINOR OPERATING REPAIRS		00:00		00:00		0.0
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0
						LAY TIME:		00:00		00:00		0.0
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0
						MISCELLANEOUS		00:00		00:00		0.0
						TOTALS		00:00		00:15		0.0
ATTENDANT PLANT						LOST TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0
40' Crew Boat		Cape Anne		400	12:00	CESSATION:		00:00		00:00		0.0
						COLLISIONS:		00:00		00:00		0.0
						TOTALS:		00:00		00:00		0.0
						TOTAL TIME/MILES:		00:00		24:00		0.0

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 98
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/15/2014

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	Sta 200+00 to 230+00 Cell 8 & 9	00:00 00:34	27 7	304	417
				5	5,927
				74	0
2	Sta 200+00 to 230+00 Cell 1 & 2	06:57 07:37	33 7	256	577
				3	5,927
				278	0
3	Sta 200+00 to 230+00 Cell 1 & 2	16:49 17:31	36 6	148	431
				0	5,927
				241	0

QC NARRATIVE(S)

GENERAL COMMENTS

1425 Minutes @ 100%
15 Minutes @ 70 % Traffic

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 165 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		99	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							09/16/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Sta 200+00 to 230+00		Open Watr Cell 1,and 2	11,854	47,416
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	91 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION NOAA State Docks		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM NA		
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		72 °F / 91 °F	10 MI	22 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	00:40	0.0	
DRAG DEPTH MAX 0		MIN 0		TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:	00:00	10:48	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:14	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,686	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,500	TO CUT:	00:00	11:48	0.0	
				TOTALS:	00:00	23:30	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	11,854	Cell 1 & 2	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	00:30	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	00:30	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 99
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/16/2014

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	Sta 200+00 to 230+00 Cell 1 & 2	00:00 00:01	1 0	115 5 0	121 0 0
2	Sta 200+00 to 230+00 Cell 1 & 2	02:31 02:50	19 0	267 5 253	544 5,927 0
3	Sta 200+00 to 230+00 Cell 1 & 2	11:35 11:54	19 0	266 4 257	546 5,927 0
4	Sta 200+00 to 230+00 Cell 1 & 2	20:41 20:42	1 0	0 0 198	199 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1410 Minutes @ 100%
30 Minutes @ 0 % Minor 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.		
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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 167 of 279		
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				100		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		09/17/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
Stuyvesant		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		
		22		2						2		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Sta 200+00 to 230+00			Open Water Cell 1, and 2		17,781		65,197	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP						
		3000 FT		200 FT		41 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45		
		DENSITY OF WATER				1.0060		GMS/LITER@		91 °F		
RIVER/TIDE STAGE		MIN		TIME		MAX		TIME		GAGE LOCATION		
		0.00		00:00		0.00		00:00		NOAA State Docks		
		0.00		00:00		0.00		00:00		GAGE DATUM NA		
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND		
		Weather Caused No Delay				70 °F / 90 °F		10 MI		12 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)
FORWARD		17		24		EFFECTIVE WORKING TIME:						
AFT		29		29		PUMPING:		00:00		00:54		0.0
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:		00:00		13:40		0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:12		0.0
GALLONS OF FUEL OIL CONSUMED		GAL		6,174		DISCONNECTING:		00:00		00:00		0.0
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:		00:00		08:12		0.0
						TOTALS:		00:00		22:58		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		0.0
3		17,781		Cell 1 & 2		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		01:02
								MINOR OPERATING REPAIRS		00:00		00:00
								TRANSFERRING BETWEEN WORKS		00:00		00:00
								LAY TIME:		00:00		00:00
								FIRE AND BOAT DRILLS:		00:00		00:00
40' Crew Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00
								TOTALS		00:00		01:02
								LOST TIME:				
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00
								CESSATION:		00:00		00:00
								COLLISIONS:		00:00		00:00
								TOTALS:		00:00		00:00
								TOTAL TIME/MILES:		00:00		24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 168 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 100
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/17/2014

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	Sta 200+00 to 230+00	00:00	17	293	362
	Cell 1 & 2	00:17	0	5	5,927
					47
2	Sta 200+00 to 230+00	06:02	18	271	502
	Cell 1 & 2	06:20	0	5	5,927
					208
3	Sta 200+00 to 230+00	15:26	19	256	514
	Cell 1 & 2	15:45	0	2	5,927
					237

QC NARRATIVE(S)

GENERAL COMMENTS

1378 Minutes @ 100%
62 Minutes @ 70 % Traffic

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 169 of 279	
CONTRACT NO.			CONTRACT TITLE				CONTRACTOR			REPORT NO.	
W91278-14-D-0041 0001			Maintenance Dredging of Mobile Harbor				Dutra Dredging Company			101	
CHARACTER OF REPORT			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		
									09/18/2014		
DREDGE		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE		OTHER PLANT	WORK SCHEDULE		SHIFTS PER DAY	DAYS PER WEEK		
			22		2			2	7		
LOCATION OF WORK		LOCATION CHANNEL			REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		Mobile Harbor			Sta 200+00 to 230+00 & 1100-1180		Open Water Cell 1, and 2	17,781	82,978		
		AVG LENGTH OF CUT			3000 FT		AVG WIDTH OF CUT		200 FT		
									AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45	
		DENSITY OF WATER				1.0060		GMS/LITER@		91 °F	
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA State Docks	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND	
		Weather Caused No Delay				72 °F / 88 °F		10 MI		31 MPH	
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
FORWARD		17		24			EFFECTIVE WORKING TIME:				
AFT		29		29			PUMPING:	00:00	01:31	0.0	
DRAG DEPTH		MAX 0		MIN 0			TURNING:	00:00	00:07	0.0	
INDICATORS LAST CHECKED ON		09/13/2014									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0			TO DUMP:	00:00	11:01	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0			CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		6,006			DUMPING:	00:00	00:25	0.0	
GALLONS OF WATER CONSUMED		GAL		1,500			DISCONNECTING:	00:00	00:00	0.0	
							TO CUT:	00:00	10:56	0.0	
							TOTALS:	00:00	24:00	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS			TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	17,781	Cell 1 & 2		0			LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
							LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
							MINOR OPERATING REPAIRS	00:00	00:00	0.0	
							TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	00:00	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS						
					CESSATION:						
					COLLISIONS:						
					TOTALS:						
					TOTAL TIME/MILES:						
					00:00 24:00 0.0						

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 101
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/18/2014

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	Sta 200+00 to 230+00 Cell 1 & 2	00:00 00:01	1 0	0 14 0	15 0 0
2	Sta 200+00 to 230+00 Cell 1 & 2	00:15 00:58	36 7	279 6 248	576 5,927 0
3	Sta 200+00 to 230+00 Cell 1 & 2	09:51 10:10	19 0	279 5 254	557 5,927 0
4	Sta 1100+00 to 1180+00 Cell 1 & 2	19:08 19:43	35 0	103 0 154	292 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 100%

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 171 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		102				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/19/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1100+00 to 1180+00		Open Water Cell 1, and 2	23,708	106,686			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		24 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			73 °F / 87 °F		10 MI		14 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	02:11	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	10:46	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	00:25	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		6,216		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:	00:00	10:06	0.0		
						TOTALS:	00:00	23:28	0.0		
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
5		23,708	Cell 1 & 2		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		
						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		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	00:32	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 172 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 102
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/19/2014	

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	Sta 1100+00 to 1180+00 Cell 1 & 2	00:00 00:01	1 0	52 6 0	59 0 0
2	Sta 1100+00 to 1180+00 Cell 1 & 2	00:59 01:34	35 0	161 6 148	350 5,927 0
3	Sta 1100+00 to 1180+00 Cell 1 & 2	06:49 07:21	32 0	130 7 147	316 5,927 0
4	Sta 1100+00 to 1180+00 Cell 1 & 2	12:37 13:11	34 0	153 6 158	351 5,927 0
5	Sta 1100+00 to 1180+00 Cell 1 & 2	18:28 18:57	29 0	150 0 153	332 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1408 Minutes @ 100%
32 Minutes @ 0 % Minor 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 173 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		103				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/20/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1100+00 to 1180+00		Open Water Cell 1, and 2	23,708	130,394			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		24 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			73 °F / 84 °F		10 MI		16 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	02:21	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	09:47	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:21	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		9,492		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:	00:00	09:33	0.0		
						TOTALS:	00:00	22:02	0.0		
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
5		23,708	Cell 1 & 2		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	01:08	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		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	01:58	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 174 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 103
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/20/2014	

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	Sta 1100+00 to 1180+00 Cell 1 & 2	00:00 00:01	1 0	11 4 0	16 0 0
2	Sta 1100+00 to 1180+00 Cell 1 & 2	00:16 00:46	30 0	170 6 153	359 5,927 0
3	Sta 1100+00 to 1180+00 Cell 1 & 2	06:15 06:55	40 0	166 6 142	354 5,927 0
4	Sta 1100+00 to 1180+00 Cell 1 & 2	12:29 13:03	34 0	143 5 141	323 5,927 0
5	Sta 1100+00 to 1180+00 Cell 1 & 2	18:42 19:18	36 0	97 0 137	270 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1322 Minutes @ 100%
68 Minutes @ 70% Traffic
50 Minutes @ 0 % Minor 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 175 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		104	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							09/21/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Sta 1100+00 to 1180+00		Open Water Cell 1, and 2	23,708	154,102	
		AVG LENGTH OF CUT 8000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 24 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45	GMS/LITER	1.45	
		DENSITY OF WATER			1.0060	GMS/LITER@	87 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION NOAA East Fowl River		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM NA		
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		69 °F / 89 °F	10 MI	9 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	02:22	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				TO DUMP:	00:00	10:58	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:25	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	6,384	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,500	TO CUT:	00:00	10:04	0.0	
				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	
5	23,708	Cell 1 & 2	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:11	0.0	
				MINOR OPERATING REPAIRS	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 104
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/21/2014

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	Sta 1100+00 to 1180+00 Cell 1 & 2	00:00 00:01	1 0	62 6 0	69 0 0
2	Sta 1100+00 to 1180+00 Cell 1 & 2	01:09 01:46	37 0	152 7 147	343 5,927 0
3	Sta 1100+00 to 1180+00 Cell 1 & 2	07:03 07:35	32 0	156 6 151	345 5,927 0
4	Sta 1100+00 to 1180+00 Cell 1 & 2	12:48 13:27	39 0	145 6 153	343 5,927 0
5	Sta 1100+00 to 1180+00 Cell 1 & 2	18:31 19:04	33 0	143 0 153	329 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1429 Minutes @ 100%
11 Minutes @ 70% Traffic

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 177 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		105				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/22/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1100+00 to 1180+00		Open Water Cell 1, and 2	23,708	177,810			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		24 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	87 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			68 °F / 87 °F		10 MI		20 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24			EFFECTIVE WORKING TIME:					
AFT		29	29			PUMPING:	00:00	02:21	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014			TO DUMP:	00:00	08:39	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	00:23	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,499			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	1,500			TO CUT:	00:00	10:17	0.0		
					TOTALS:	00:00	21:40	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
5		23,708	Cell 1 & 2		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:10	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
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		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	02:10	0.0		
						TOTALS	00:00	02:20	0.0		
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 178 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 105
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/22/2014	

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	Sta 1100+00 to 1180+00 Cell 1 & 2	00:00 00:01	1 0	11 6 0	18 0 0
2	Sta 1100+00 to 1180+00 Cell 1 & 2	00:18 00:51	33 0	151 6 154	344 5,927 0
3	Sta 1100+00 to 1180+00 Cell 1 & 2	06:02 06:34	32 0	155 5 141	333 5,927 0
4	Sta 1100+00 to 1180+00 Cell 1 & 2	11:35 12:15	40 0	143 6 170	359 5,927 0
5	Sta 1100+00 to 1180+00 Cell 1 & 2	19:44 20:19	35 0	59 0 152	246 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1300 Minutes @ 100%
10 Minutes @ 70%
130 Minutes @ 0 % Minor Repairs -- ABS

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 179 of 279			
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 106			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 09/23/2014					
DREDGE Stuyvesant		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 22		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2		DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor		REACH DREDGED; STA TO STA Sta 1180+00 to 1260+00			DISPOSAL AREA USE Open Water Cell 1, and 2		QTY DEPOSITED GROSS(CY) 23,708		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 201,518		
		AVG LENGTH OF CUT 8000 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 23 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45			
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION NOAA East Fowl River			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM NA			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 62 °F / 84 °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		17		24		EFFECTIVE WORKING TIME:							
AFT		29		29		PUMPING:		00:00		02:34		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		09/13/2014											
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:		00:00		10:57		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		5,208		DUMPING:		00:00		00:30		0.0	
GALLONS OF WATER CONSUMED		GAL		1,500		DISCONNECTING:		00:00		00:00		0.0	
						TO CUT:		00:00		09:41		0.0	
						TOTALS:		00:00		23:42		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
NO.OF LOADS 6		TOTAL CYS 23,708		DISPOSAL AREA Cell 1 & 2		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	0.0
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:18		0.0	
						MINOR OPERATING REPAIRS		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00		0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	0.0
40' Crew Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00	0.0
								TOTALS		00:00		00:18	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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 106
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/23/2014

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	Sta 1100+00 to 1180+00 Cell 1 & 2	00:00 00:01	1 0	87 6 0	94 0 0
2	Sta 1180+00 to 1260+00 Cell 1 & 2	01:34 02:16	42 0	139 6 135	322 5,927 0
3	Sta 1180+00 to 1260+00 Cell 1 & 2	07:14 07:54	40 0	158 6 136	340 5,927 0
4	Sta 1180+00 to 1260+00 Cell 1 & 2	12:54 13:27	33 0	134 6 145	318 5,927 0
5	Sta 1180+00 to 1260+00 Cell 1 & 2	18:12 18:49	37 0	139 6 145	327 5,927 0
6	Sta 1180+00 to 1260+00 Cell 1 & 2	23:39 23:40	1 0	0 0 20	21 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1422 Minutes @ 100%
18 Minutes @ 70% Traffic

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 181 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 107	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 09/24/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor	Sta 1180+00 to 1260+00			Open Water Cell 1, and 2	23,708	225,226			
		AVG LENGTH OF CUT 8000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 22 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION		NOAA East Fowl River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		NA			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 68 °F / 84 °F	VISIBILITY 10 MI	WIND 25 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	17		24			EFFECTIVE WORKING TIME:					
AFT	29		29			PUMPING:	00:00	02:16	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON	09/13/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	09:35	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,888			DUMPING:	00:00	00:24	0.0		
GALLONS OF WATER CONSUMED		GAL	1,500			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	09:15	0.0		
						TOTALS:	00:00	21:30	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
4	23,708	Cell 1 & 2		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			
40' Crew Boat	Cape Anne		400	12:00	MISCELLANEOUS	00:00	02:30	0.0			
					TOTALS	00:00	02:30	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 107
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/24/2014

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	Sta 1180+00 to 1260+00	00:00	34	145	313
	Cell 1 & 2	00:34	0	6 128	5,927 0
2	Sta 1180+00 to 1260+00	05:13	36	152	340
	Cell 1 & 2	05:49	0	6 146	5,927 0
3	Sta 1180+00 to 1260+00	10:53	37	134	315
	Cell 1 & 2	11:30	0	6 138	5,927 0
4	Sta 1180+00 to 1260+00	16:08	29	144	322
	Cell 1 & 2	16:37	0	6 143	5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1290 Minutes @ 100%
150 Minutes @ 0% Minor Repairs -- Hopper Doors

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 183 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		108	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							09/25/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	0	225,226	
		AVG LENGTH OF CUT 8000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 22 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	84 °F
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION NOAA East Fowl River		
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM NA		
WEATHER CONDITION		WEATHER		TEMP	VISIBILITY	WIND		
		Weather Caused No Delay		66 °F / 82 °F	10 MI	18 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	00:00	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				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	4,284	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,500	TO CUT:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				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:	00:00	00:00	0.0	
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
40' Crew Boat	Cape Anne	400	12:00	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

PAGE NO.
Page 184 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 108
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/25/2014

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 0% Minor Repairs -- Hopper Doors

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 185 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		109				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/26/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	0	225,226			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		22 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	84 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			66 °F / 82 °F		10 MI		13 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24			EFFECTIVE WORKING TIME:					
AFT		29	29			PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014			TO DUMP:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DUMPING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	3,612			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	1,500			TO CUT:	00:00	00:00	0.0		
					TOTALS:	00:00	00:00	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
DREDGING AND HAULING			AGITATING		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	24:00	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		
40' Crew Boat		Cape Anne		400	12:00	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			PAGE NO. Page 186 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 109
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/26/2014	

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 0% Minor Repairs -- Hopper Doors

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 187 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		110				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/27/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	0	225,226			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		22 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	84 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			64 °F / 82 °F		10 MI		13 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24			EFFECTIVE WORKING TIME:					
AFT		29	29			PUMPING:	00:00	00:00	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014									
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	2,142			DUMPING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	1,500			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:						
DREDGING AND HAULING		AGITATING			TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	24:00	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		
40' Crew Boat		Cape Anne		400	12:00	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			PAGE NO. Page 188 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 110
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/27/2014	

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes @ 0% Minor Repairs -- Hopper Doors

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 189 of 279			
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.			
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				111			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		09/28/2014			
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY							
Stuyvesant		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY			
		22		2						2			
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		Mobile Harbor		Sta 1180+00 to 1260+00			Open Water Cell 1, and 2		17,781		243,007		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP							
		8000 FT		200 FT		22 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45			
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F			
RIVER/TIDE STAGE		MIN		0.00		TIME		00:00		MAX			
		MIN		0.00		TIME		00:00		MAX			
		MIN		0.00		TIME		00:00		GAGE LOCATION			
		MIN		0.00		TIME		00:00		GAGE DATUM			
		MIN		0.00		TIME		00:00		NA			
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND			
		Weather Caused No Delay				73 °F / 81 °F		10 MI		14 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:							
AFT		29		29		PUMPING:		00:00		01:56		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:		00:00		06:20		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		00:12		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		1,092		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:		00:00		07:27		0.0	
						TOTALS:		00:00		15:55		0.0	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
3		17,781		Cell 1 & 2		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:12	
								MINOR OPERATING REPAIRS		00:00		07:53	
								TRANSFERRING BETWEEN WORKS		00:00		00:00	
								LAY TIME:		00:00		00:00	
								FIRE AND BOAT DRILLS:		00:00		00:00	
40' Crew Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00	
								TOTALS		00:00		08:05	
								LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	
								CESSATION:		00:00		00:00	
								COLLISIONS:		00:00		00:00	
								TOTALS:		00:00		00:00	
								TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 111
DREDGE	NAME AND TYPE Stuyvesant		DATE 09/28/2014

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	Sta 1180+00 to 1260+00	07:53	43	143	342
	Cell 1 & 2	08:36	0	6 150	5,927 0
2	Sta 1180+00 to 1260+00	13:35	38	137	338
	Cell 1 & 2	14:13	0	6 157	5,927 0
3	Sta 1180+00 to 1260+00	19:13	35	100	275
	Cell 1 & 2	19:48	0	0 140	5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

955 Minutes @ 100%
 12 Minutes @ 70% Traffic
 473 Minutes @ 0% minor repairs -- hopper doors

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 191 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		112				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/29/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	23,708	266,715			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		22 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	84 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			73 °F / 86 °F		10 MI		13 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:		00:00	02:37	0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:		00:00	09:57	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		7,478		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:		00:00	10:48	0.0	
						TOTALS:		00:00	23:52	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	00:08	0.0	
						MINOR OPERATING REPAIRS		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0	
						LAY TIME:		00:00	00:00	0.0	
						FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
						MISCELLANEOUS		00:00	00:00	0.0	
						TOTALS		00:00	00:08	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 192 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 112
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/29/2014	

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	Sta 1180+00 to 1260+00 Cell 1 & 2	00:00 00:01	1 0	48 5 0	54 0 0
2	Sta 1180+00 to 1260+00 Cell 1 & 2	00:54 01:31	37 0	136 7 143	323 5,927 0
3	Sta 1180+00 to 1260+00 Cell 1 & 2	06:17 07:00	43 0	134 6 150	333 5,927 0
4	Sta 1180+00 to 1260+00 Cell 1 & 2	11:50 12:31	41 0	136 6 146	329 5,927 0
5	Sta 1180+00 to 1260+00 Cell 1 & 2	17:27 18:01	34 0	143 6 145	328 5,927 0
6	Sta 1180+00 to 1260+00 Cell 1 & 2	22:55 22:56	1 0	0 0 64	65 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1432 Minutes @ 100%
8 Minutes @ 70% Traffic

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 193 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		113				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							09/30/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	29,635	296,350			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		8000 FT		200 FT		22 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	84 °F			
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE LOCATION NOAA East Fowl River	
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	00:00	GAGE DATUM NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY		WIND		
		Weather Caused No Delay			71 °F / 86 °F		10 MI		12 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
LIGHT		LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24			EFFECTIVE WORKING TIME:					
AFT		29	29			PUMPING:	00:00	03:54	0.0		
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	08:56	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	6,300			DUMPING:	00:00	00:23	0.0		
GALLONS OF WATER CONSUMED		GAL	1,500			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	09:51	0.0		
						TOTALS:	00:00	23:04	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
5		29,635	Cell 1 & 2		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:11	0.0		
						MINOR OPERATING REPAIRS	00:00	00:00	0.0		
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:45	0.0		
						TOTALS	00:00	00:56	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 194 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 113
DREDGE	NAME AND TYPE Stuyvesant	DATE 09/30/2014	

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	Sta 1180+00 to 1260+00	00:00	98	128	254
	Cell 1 & 2	01:38	0	6	5,927
				22	0
2	Sta 1180+00 to 1260+00	04:25	32	99	270
	Cell 1 & 2	04:57	0	5	5,927
				134	0
3	Sta 1180+00 to 1260+00	09:40	32	137	330
	Cell 1 & 2	10:12	0	6	5,927
				155	0
4	Sta 1180+00 to 1260+00	15:10	41	153	342
	Cell 1 & 2	15:51	0	6	5,927
				142	0
5	Sta 1180+00 to 1260+00	20:52	31	19	188
	Cell 1 & 2	21:23	0	0	5,927
				138	0

QC NARRATIVE(S)

GENERAL COMMENTS

1384 Minutes @ 100%
11 Minutes @ 70% Traffic
45 Minutes @ 0% Slowed for Crew Boat

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 195 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		114		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							10/01/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		22	2			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	0	296,350	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP			
		8000 FT		200 FT		22 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45	
		DENSITY OF WATER			1.0060		GMS/LITER@	84 °F	
RIVER/TIDE STAGE		MIN	0.00	TIME	00:00	MAX	0.00	TIME	
		00:00	00:00	00:00	00:00	00:00	00:00	GAGE LOCATION	
		0.00	00:00	0.00	00:00	0.00	00:00	NOAA East Fowl River	
		0.00	00:00	0.00	00:00	0.00	00:00	GAGE DATUM	
		0.00	00:00	0.00	00:00	0.00	00:00	NA	
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND	
		Weather Caused No Delay			68 °F / 82 °F		10 MI	8 MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17		24		EFFECTIVE WORKING TIME:			
AFT		29		29		PUMPING:	00:00	00:01	0.0
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:	00:00	02:05	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:07	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	2,520	DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL	2,000	TO CUT:	00:00	00:00	0.0		
				TOTALS:	00:00	02:13	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	21:47	0.0		
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0		
				LAY TIME:	00:00	00:00	0.0		
				FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
				MISCELLANEOUS	00:00	00:00	0.0		
				TOTALS	00:00	21:47	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 196 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 114
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/01/2014	

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	Sta 1180+00 to 1260+00 Cell 1 & 2	00:00 00:01	1 0	125 7 0	133 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

133 Minutes @ 100%
1307 Minutes @ 0% Minor Repiars -- Hull Cleaning

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 197 of 279					
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.					
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				115					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		10/02/2014					
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY									
Stuyvesant		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY					
		22		2						2					
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2		0		296,350					
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP									
		8000 FT		200 FT		22 NM									
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45					
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F					
RIVER/TIDE STAGE		MIN		0.60		TIME		16:48		MAX					
		MIN		0.00		TIME		00:00		MAX					
										05:00					
										00:00					
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND					
		Weather Caused No Delay				74 °F / 84 °F		10 MI		6 MPH					
DRAFT						DISTRIBUTION OF TIME AND MILES RUN									
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		17		24		EFFECTIVE WORKING TIME:									
AFT		29		29		PUMPING:		00:00		00:00		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		09/13/2014				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		7,476		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:		00:00		00:00		0.0			
						TOTALS:		00:00		00:00		0.0			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:									
						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0			
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		0.0			
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		0.0			
								MINOR OPERATING REPAIRS		00:00		0.0			
								TRANSFERRING BETWEEN WORKS		00:00		0.0			
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	
40' Crew Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:00		0.0	
								LOST TIME:							
								MAJOR REPAIRS AND ALTERNATIONS		00:00		24:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		24:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 198 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 115
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/02/2014	

QC NARRATIVE(S)

GENERAL COMMENTS

Dredge down entire duration of day for hull cleaning operations.

SAFETY

Dredge did not off load supplies due to divers in water around hull

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 199 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		116				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							10/03/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	7,355	303,705			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		10000 FT		200 FT		21 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	0.40	TIME	18:40	MAX	2.10	TIME			
		06:24	GAGE LOCATION	NOAA East Fowl River							
		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			69 °F / 82 °F		5 - 10 MI	10 MPH			
DRAFT				DISTRIBUTION OF TIME AND MILES RUN							
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	00:40	0.0		
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		09/13/2014						TO DUMP:	00:00	02:00	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	00:06	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	504		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	3,400		TO CUT:	00:00	00:33	0.0			
					TOTALS:	00:00	03:19	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	19:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	01:41	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	20:41	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 200 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 116
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/03/2014

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	1260+00 to 1360+00 OW cells 1 & 2	20:41 21:21	40 0	120 6 33	199 7,355 0

QC NARRATIVE(S)

GENERAL COMMENTS

Dredge down until 18:00 for hull cleaning. Hauled anchor at 19:00 to move back on site
Dredge inbound Mobile ship channel at 19:00, arriving on site at 20:41 to begin dredging.

SAFETY

Scheduled visit from ABS personnel called off due to high seas.

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 201 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		117		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							10/04/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		22	2			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Sta 1180+00 to 1260+00		Open Water Cell 1, and 2	43,379	347,084	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP			
		10000 FT		200 FT		21 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45	
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F	
RIVER/TIDE STAGE		MIN	0.00	TIME	18:42	MAX	1.30	TIME	
		06:18	GAGE LOCATION	NOAA East Fowl River					
		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			50 °F / 72 °F		10 MI	10-15 MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:			
AFT		29		29		PUMPING:	00:00	04:03	0.0
DRAG DEPTH		MAX 0	MIN 0			TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON		09/13/2014							
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:		00:00	08:56	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:		00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED		GAL	2,772		DUMPING:		00:00	00:34	0.0
GALLONS OF WATER CONSUMED		GAL	1,400		DISCONNECTING:		00:00	00:00	0.0
					TO CUT:		00:00	10:27	0.0
					TOTALS:		00:00	24:00	0.0
					NON-EFFECTIVE WORKING TIME:				
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
					LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0	
					MINOR OPERATING REPAIRS	00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
					LAY TIME:	00:00	00:00	0.0	
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0	
					MISCELLANEOUS	00:00	00:00	0.0	
					TOTALS	00:00	00:00	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND 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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 117
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/04/2014

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	1260+00 to 1360+00 OW cells 1 & 2	00:00 00:01	1 0	0 0 72	73 7,230 0
2	1260+00 to 1360+00 OW cells 1 & 2	01:13 02:00	47 0	107 5 103	262 7,462 0
3	1260+00 to 1360+00 OW cells 1 & 2	05:35 06:31	56 0	110 9 144	319 7,100 0
4	1260+00 to 1360+00 OW cells 1 & 2	10:54 11:33	39 0	103 6 106	254 7,100 0
5	1260+00 to 1360+00 OW cells 1 & 2	15:08 16:13	65 0	105 7 105	282 7,510 0
6	1260+00 to 1360+00 OW cells 1 & 2	19:50 20:25	35 0	111 7 97	250 6,977 0

QC NARRATIVE(S)

GENERAL COMMENTS

Resumed dredging with clean hull. Transit times returned to normal rate.

SAFETY

Loaded stores with extra vessel personnel due to high seas.

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 203 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		118	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							10/05/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Sta 1260+00 to 1360+00		Open Water Cell 1, and 2	35,562	382,646
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		
		10000 FT		200 FT		21 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F
RIVER/TIDE STAGE		MIN	0.40	TIME	18:06	MAX	1.40	TIME
		MIN	0.00	TIME	00:00	MAX	0.00	TIME
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND
		Weather Caused No Delay			45 °F / 74 °F		10 MI	5 MPH
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
FORWARD		17		24		EFFECTIVE WORKING TIME:		
AFT		29		29		PUMPING:	00:00	03:44
						TURNING:	00:00	00:00
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:	00:00	10:19
						CONNECTING:	00:00	00:00
INDICATORS LAST CHECKED ON		09/13/2014				DUMPING:	00:00	00:33
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DISCONNECTING:	00:00	00:00
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		TO CUT:	00:00	09:14
GALLONS OF FUEL OIL CONSUMED		GAL		6,426		TOTALS:	00:00	23:50
GALLONS OF WATER CONSUMED		GAL		1,500		NON-EFFECTIVE WORKING TIME:		
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	00:00	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	00:00	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	
7	35,562	OW cells 1&2		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:10	
						MINOR OPERATING REPAIRS	00:00	00:00
						TRANSFERRING BETWEEN WORKS	00:00	00:00
ATTENDANT PLANT				LAY TIME:	00:00	00:00	00:00	
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00
						TOTALS	00:00	00:10
						LOST TIME:		
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00
						CESSATION:	00:00	00:00
						COLLISIONS:	00:00	00:00
						TOTALS:	00:00	00:00
						TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 118
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/05/2014

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	1260+00 to 1360+00 OW cells 1&2	00:00 00:01	1 0	0 0 40	41 0 0
2	1260+00 to 1360+00 OW cells 1&2	00:41 01:19	38 0	111 7 100	256 5,927 0
3	1260+00 to 1360+00 OW cells 1&2	04:57 05:42	45 0	106 7 106	264 5,927 0
4	1260+00 to 1360+00 OW cells 1&2	09:21 09:56	35 0	98 6 101	240 5,927 0
5	1260+00 to 1360+00 OW cells 1&2	13:31 14:02	31 0	116 6 108	261 5,927 0
6	1260+00 to 1360+00 OW cells 1&2	17:52 18:26	34 0	108 7 99	248 5,927 0
7	1260+00 to 1360+00 OW cells 1&2	22:00 22:40	40 0	80 0 0	120 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

Traffic delay from 13:16 to 13:26 (10 minutes)

SAFETY

Decks/engine room on survey vessel Cape Anne cleaned.

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 205 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		119	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							10/06/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Sta 1260+00 to 1360+00		Open Water Cell 1, and 2	11,854	394,500
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP		
		10000 FT		200 FT		19 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F
RIVER/TIDE STAGE		MIN	0.90	TIME	19:12	MAX	1.50	TIME
								13:18
		MIN	0.00	TIME	00:00	MAX	0.00	TIME
								00:00
		GAGE LOCATION			NOAA East Fowl River			
		GAGE DATUM			MLLW			
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND
		Weather Caused No Delay			58 °F / 81 °F		10 MI	5 MPH
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
FORWARD		17		24		EFFECTIVE WORKING TIME:		
AFT		29		29		PUMPING:	00:00	00:34
						TURNING:	00:00	00:00
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:	00:00	02:27
INDICATORS LAST CHECKED ON		09/13/2014				CONNECTING:	00:00	00:00
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:	00:00	00:06
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:	00:00	00:00
GALLONS OF FUEL OIL CONSUMED		GAL		4,494		TO CUT:	00:00	02:14
GALLONS OF WATER CONSUMED		GAL		3,000		TOTALS:	00:00	05:21
						NON-EFFECTIVE WORKING TIME:		
						TAKING ON FUEL AND SUPPLIES	00:00	18:09
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00
						LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:30
						MINOR OPERATING REPAIRS	00:00	00:00
						TRANSFERRING BETWEEN WORKS	00:00	00:00
						LAY TIME:	00:00	00:00
						FIRE AND BOAT DRILLS:	00:00	00:00
						MISCELLANEOUS	00:00	00:00
						TOTALS	00:00	18:39
						LOST TIME:		
						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00
						CESSATION:	00:00	00:00
						COLLISIONS:	00:00	00:00
						TOTALS:	00:00	00:00
						TOTAL TIME/MILES:	00:00	24:00

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 206 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 119
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/06/2014	

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	1260+00 to 1360+00	00:00	1	33	174
	OW cells 1&2	00:01	0	6 134	5,927 0
2	1260+00 to 1360+00	21:33	33	114	147
	OW cells 1&2	22:06	0	0 0	5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

Left channel inbound at 01:55 to anchor and receive fuel.
 Re-entered channel at 20:04 inbound to dredge area. (Total delay 1089 minutes).
 Traffic delay from 21:00 to 21:30 (30 minutes).

SAFETY

Bunkering checklist followed before fueling.

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 207 of 279	
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				120	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		10/07/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY	
		22		2						2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	
		Mobile Harbor		Sta 1260+00 to 1360+00				Open Water Cell 1, and 2		35,562	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP				19 NM	
		10000 FT		200 FT							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45	
		DENSITY OF WATER				1.0060		GMS/LITER@		82 °F	
RIVER/TIDE STAGE		MIN		TIME		MAX		TIME		GAGE LOCATION	
		0.90		06:36		1.60		01:18		NOAA East Fowl River	
		MIN		TIME		MAX		TIME		GAGE DATUM	
		1.20		18:00		1.50		14:48		MLLW	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND	
		Weather Caused No Delay				68 °F / 80 °F		10 MI		5-10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
										MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:		00:00		03:43	
						TURNING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TO DUMP:		00:00		09:14	
						CONNECTING:		00:00		00:00	
INDICATORS LAST CHECKED ON		09/13/2014				DUMPING:		00:00		00:36	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		TO CUT:		00:00		10:27	
GALLONS OF FUEL OIL CONSUMED		GAL		5,922		TOTALS:		00:00		24:00	
GALLONS OF WATER CONSUMED		GAL		1,200		NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
7		35,562		OW cells 1&2		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		FIRE AND BOAT DRILLS:		00:00		00:00	
40' Crew Boat		Cape Anne		400		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:00	
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00	
						CESSATION:		00:00		00:00	
						COLLISIONS:		00:00		00:00	
						TOTALS:		00:00		00:00	
						TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 208 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 120
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/07/2014	

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	1260+00 to 1360+00 OW cells 1&2	00:00 00:01	1 0	0 6 108	115 0 0
2	1260+00 to 1360+00 OW cells 1&2	01:55 02:37	42 0	98 6 112	258 5,927 0
3	1260+00 to 1360+00 OW cells 1&2	06:13 06:45	32 0	99 6 104	241 5,927 0
4	1260+00 to 1360+00 OW cells 1&2	10:14 10:53	39 0	105 6 101	251 5,927 0
5	1260+00 to 1360+00 OW cells 1&2	14:25 15:05	40 0	109 6 101	256 5,927 0
6	1260+00 to 1360+00 OW cells 1&2	18:41 19:18	37 0	104 6 101	248 5,927 0
7	1260+00 to 1360+00 OW cells 1&2	22:49 23:21	32 0	39 0 0	71 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

Corps inspector and Dutra site manager visited dredge.

SAFETY

Performed fire, lifeboat, and abandon ship drills on Stuyvesant.

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 209 of 279			
CONTRACT NO.		CONTRACT TITLE				CONTRACTOR				REPORT NO.			
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor				Dutra Dredging Company				122			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE		10/09/2014			
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY							
Stuyvesant		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY			
		22		2						2			
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)		
		Mobile Harbor		Sta 800+00 to 900+00			Open Water Cell 1, and 2		23,748		483,445		
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP							
		10000 FT		200 FT		27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45			
		DENSITY OF WATER				1.0060		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN		0.40		TIME		09:24		MAX			
										1.90			
										00:06			
										GAGE LOCATION Dog River			
										00:00			
										GAGE DATUM MLLW			
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND			
		Weather Caused No Delay				68 °F / 84 °F		6 MI		5 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:							
AFT		29		29		PUMPING:		00:00		02:29		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:		00:00		11:31		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:25		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		7,182		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00		09:35		0.0	
						TOTALS:		00:00		24:00		0.0	
						NON-EFFECTIVE WORKING TIME:							
						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
						LAY TIME:		00:00		00:00		0.0	
						FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
						MISCELLANEOUS		00:00		00:00		0.0	
						TOTALS		00:00		00:00		0.0	
						LOST TIME:							
						MAJOR REPAIRS AND 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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 122
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/09/2014

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	0800+00 to 0900+00 OW cells 1&2	00:00 00:01	1 0	133 7 147	288 0 0
2	0800+00 to 0900+00 OW cells 1&2	04:48 05:33	45 0	137 6 144	332 5,937 0
3	0800+00 to 0900+00 OW cells 1&2	10:20 10:58	38 0	148 6 143	335 5,937 0
4	0800+00 to 0900+00 OW cells 1&2	15:55 16:27	32 0	160 6 141	339 5,937 0
5	0800+00 to 0900+00 OW cells 1&2	21:34 22:07	33 0	113 0 0	146 5,937 0

QC NARRATIVE(S)

GENERAL COMMENTS

SAFETY

Discussed possibility of implementing ECDIS system on bridge for improved collision avoidance.

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 211 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 123	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/10/2014	
DREDGE Stuyvesant		HOPPER CAP: 4487 CY				AVG VOL OF BIN WATER: 4487 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 22		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor		REACH DREDGED; STA TO STA Sta 800+00 to 900+00				DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 23,708	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 507,153	
		AVG LENGTH OF CUT 10000 FT				AVG WIDTH OF CUT 200 FT				AVG DIST TO DUMP 27 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45				GMS/LITER 1.45	
		DENSITY OF WATER				1.0060				GMS/LITER@ 82 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 09:24		MAX 1.90		TIME 00:06		GAGE LOCATION Dog River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 68 °F / 84 °F		VISIBILITY 6 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	02:33	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014									
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO DUMP:	00:00	10:19	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,602		DUMPING:	00:00	00:30	0.0		
GALLONS OF WATER CONSUMED		GAL		2,100		DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	10:38	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 6		TOTAL CYS 23,708		DISPOSAL AREA Cell 1 & 2		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	
						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		
40' Crew Boat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 123
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/10/2014

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	Sta 800 to 900 Cell 1 & 2	00:00 00:01	1 0	38 6 0	45 0 0
2	Sta 800 to 900 Cell 1 & 2	00:45 01:26	41 0	135 6 137	319 5,927 0
3	Sta 800 to 900 Cell 1 & 2	06:04 06:36	32 0	133 6 149	320 5,927 0
4	Sta 800 to 900 Cell 1 & 2	11:24 12:05	41 0	155 6 146	348 5,927 0
5	Sta 800 to 900 Cell 1 & 2	17:12 17:49	37 0	158 6 136	337 5,927 0
6	Sta 800 to 900 Cell 1 & 2	22:49 22:50	1 0	0 0 70	71 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

SAFETY

Discussed possibility of implementing ECDIS system on bridge for improved collision avoidance.

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 213 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 125	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/12/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 22	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor	REACH DREDGED; STA TO STA Sta 800+00 to 900+00			DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 29,635	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 542,715			
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER 1.45				
		DENSITY OF WATER			1.0060		GMS/LITER@ 82 °F				
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 70 °F / 87 °F	VISIBILITY 6 MI	WIND 10 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24		EFFECTIVE WORKING TIME:						
AFT		29	29		PUMPING:		00:00	03:02	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:		00:00		09:58	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:24	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		5,376		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		2,100		TO CUT:		00:00	09:32	0.0	
						TOTALS:		00:00	22:56	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
						TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
5	29,635	Cell 1 & 2		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
						MINOR OPERATING REPAIRS		00:00	00:54	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	
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00	00:10	0.0	
						TOTALS		00:00	01:04	0.0	
					LOST TIME:						
						MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0	
						CESSATION:		00:00	00:00	0.0	
						COLLISIONS:		00:00	00:00	0.0	
						TOTALS:		00:00	00:00	0.0	
						TOTAL TIME/MILES:		00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 125
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/12/2014

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	Sta 800 to 900	00:00	39	144	204
	Cell 1 & 2	00:39	0	6	5,927
				15	0
2	Sta 800 to 900	04:18	35	137	326
	Cell 1 & 2	04:53	0	6	5,927
				148	0
3	Sta 800 to 900	09:44	42	150	341
	Cell 1 & 2	10:26	0	6	5,927
				143	0
4	Sta 800 to 900	15:35	37	150	328
	Cell 1 & 2	16:12	0	6	5,927
				135	0
5	Sta 800 to 900	21:03	29	17	177
	Cell 1 & 2	21:32	0	0	5,927
				131	0

QC NARRATIVE(S)

GENERAL COMMENTS

1376 Minutes, 100% Pay
54 Minutes, 0% Pay, Maintenance to Port M/E
10 Minutes, 0% Pay, transfer personnel

SAFETY

Maintain Housekeeping

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 215 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 126	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/13/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 22	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor	REACH DREDGED; STA TO STA Sta 800+00 to 900+00			DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 23,708	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 566,423			
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER 1.45				
		DENSITY OF WATER			1.0060		GMS/LITER@ 82 °F				
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 71 °F / 86 °F	VISIBILITY 6 MI	WIND 10 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24		EFFECTIVE WORKING TIME:						
AFT		29	29		PUMPING:	00:00	02:25	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	11:31	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:26	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		4,620		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:	00:00	09:38	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:						
5	23,708	Cell #1 & 2		0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crew Boat		Cape Anne		400	12:00	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 216 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 126
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/13/2014

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	Sta 800+00 to 900+00 Cell #1 & 2	00:00 00:01	1 0	122 7 0	130 0 0
2	Sta 800+00 to 900+00 Cell #1 & 2	02:10 02:51	41 0	138 6 141	326 5,927 0
3	Sta 800+00 to 900+00 Cell #1 & 2	07:36 08:08	32 0	147 6 146	331 5,927 0
4	Sta 800+00 to 900+00 Cell #1 & 2	13:07 13:44	37 0	150 7 145	339 5,927 0
5	Sta 800+00 to 900+00 Cell #1 & 2	18:46 19:20	34 0	134 0 146	314 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

SAFETY

Heavy thunderstorms late in the evening.

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 127	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 10/14/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY		DAYS PER WEEK				
		22	2			2		7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Harbor	Sta 800+00 to 900+00, Station 900+00 to 1000+00		Open Water Cell 1, and 2	23,708	590,131					
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER		1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@		82 °F			
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 59 °F / 75 °F	VISIBILITY 6 MI	WIND 15 MPH						
DRAFT				DISTRIBUTION OF TIME AND MILES RUN								
	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)				
FORWARD	17		24		EFFECTIVE WORKING TIME:							
AFT	29		29		PUMPING:	00:00	02:24	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON	09/13/2014				TO DUMP:	00:00	08:41	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DUMPING:	00:00	00:25	0.0				
GALLONS OF FUEL OIL CONSUMED			GAL	8,190	DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED			GAL	2,000	TO CUT:	00:00	09:00	0.0				
					TOTALS:	00:00	20:30	0.0				
					NON-EFFECTIVE WORKING TIME:							
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0				
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:17	0.0				
5	23,708	Cell 1 & 2		0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:40	0.0				
					MINOR OPERATING REPAIRS	00:00	02:33	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				
40' Crew Boat	Cape Anne	400	12:00		MISCELLANEOUS	00:00	00:00	0.0				
					TOTALS	00:00	03:30	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 127
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/14/2014

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	Sta 800 to 900 Cell 1 & 2	00:00 00:01	1 0	15 6 0	22 0 0
2	Sta 800 to 900 Cell 1 & 2	00:29 01:03	34 0	137 6 144	321 5,927 0
3	Sta 800 to 900 Cell 1 & 2	05:55 06:28	33 0	130 6 162	331 5,927 0
4	Sta 800 to 900 Cell 1 & 2	11:31 12:09	38 0	154 7 123	322 5,927 0
5	Sta 900 to 1000 Cell 1 & 2	19:26 20:04	38 0	85 0 111	234 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1230 Minutes, 100% Pay
57 Minutes, 70% Pay - Weather and Traffic
153 Minutes, 0% Pay - Mechanical Delay with Steering

SAFETY

Monitoring Steering system. Sperry Technician scheduled for Wednesday morning.

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 219 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		128		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							10/15/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		22	2			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Station 900+00 to 1000+00		Open Water Cell 1, and 2	11,854	601,985	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP			
		10000 FT		200 FT		27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45	
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F	
RIVER/TIDE STAGE		MIN	0.40	TIME	09:24	MAX	1.90	TIME	
		09:24	09:24	00:06	00:06	GAGE LOCATION	Dog River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	
		00:00	00:00	00:00	00:00	GAGE DATUM	MLLW		
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND	
		Weather Caused No Delay			55 °F / 77 °F		6 MI	20 MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17		24		EFFECTIVE WORKING TIME:			
AFT		29		29		PUMPING:	00:00	01:39	0.0
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		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	00:19	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	6,342		DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,000		TO CUT:	00:00	04:58	0.0	
					TOTALS:	00:00	12:21	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	00:10	0.0	
					MINOR OPERATING REPAIRS	00:00	11:29	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	11:39	0.0	
					LOST TIME:				
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
					CESSATION:	00:00	00:00	0.0	
					COLLISIONS:	00:00	00:00	0.0	
					TOTALS:	00:00	00:00	0.0	
					TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 128
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/15/2014

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	Sta 900+00 to 1000+00 Cell 1 & 2	00:00 00:01	1 0	55 7 0	63 0 0
2	Sta 900+00 to 1000+00 Cell 1 & 2	01:03 02:04	61 0	137 6 129	333 5,927 0
3	Sta 900+00 to 1000+00 Cell 1 & 2	06:36 07:12	36 0	133 6 136	311 5,927 0
4	Sta 900+00 to 1000+00 Cell 1 & 2	11:57 11:58	1 0	0 0 33	34 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

741 Minutes, 100% Pay
10 Minutes, 70% Pay Traffic
689 Minutes, 0% Pay - Mechanical Delay with Steering

SAFETY

Monitoring Steering system. Sperry Technician out for 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.		
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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 221 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 129	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/16/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 22	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor	REACH DREDGED; STA TO STA Station 900+00 to 1000+00			DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 17,781	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 619,766			
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER 1.45				
		DENSITY OF WATER			1.0060		GMS/LITER@ 82 °F				
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 56 °F / 78 °F	VISIBILITY 6 MI	WIND 5 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24		EFFECTIVE WORKING TIME:						
AFT		29	29		PUMPING:		00:00	01:53	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00		
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:		00:00		06:39	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:23		
GALLONS OF FUEL OIL CONSUMED		GAL		1,554		DISCONNECTING:		00:00	00:00		
GALLONS OF WATER CONSUMED		GAL		1,000		TO CUT:		00:00	07:34		
						TOTALS:		00:00	16:29		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
NO.OF LOADS 4		TOTAL CYS 17,781		DISPOSAL AREA Cell 1 & 2		AGITATING		00:00	00:00		
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00		
						LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:25		
						MINOR OPERATING REPAIRS		00:00	06:55		
						TRANSFERRING BETWEEN WORKS		00:00	00:00		
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		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00	00:11		
						TOTALS		00:00	07:31		
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 222 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 129
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/16/2014	

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	Sta 900+00 to 1000+00	06:55	39	131	290
	Cell 1 & 2	07:34	0	9 111	5,927 0
2	Sta 900+00 to 1000+00	11:45	37	140	317
	Cell 1 & 2	12:22	0	5 135	5,927 0
3	Sta 900+00 to 1000+00	17:13	36	128	317
	Cell 1 & 2	17:49	0	9 144	5,927 0
4	Sta 900+00 to 1000+00	22:55	1	0	65
	Cell 1 & 2	22:56	0	0 64	0 0

QC NARRATIVE(S)

SAFETY

Monitoring Steering system. Sperry Technician out for repairs

GENERAL COMMENTS

989 Minutes, 100% Pay
 36 Minutes, 70% Pay Traffic & Crewboat
 415 Minutes, 0% Pay - Mechanical Delay with Steering

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 223 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		130		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							10/17/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		22	2			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Station 900+00 to 1000+00		Open Water Cell 1, and 2	29,635	649,401	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP			
		10000 FT		200 FT		27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45	
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F	
RIVER/TIDE STAGE		MIN	0.40	TIME	09:24	MAX	1.90	TIME	
		09:24	09:24	00:06	00:06	GAGE LOCATION	Dog River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	
		00:00	00:00	00:00	00:00	GAGE DATUM	MLLW		
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND	
		Weather Caused No Delay			51 °F / 80 °F		6 MI	12 MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17		24		EFFECTIVE WORKING TIME:			
AFT		29		29		PUMPING:	00:00	03:00	0.0
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:	00:00	09:55	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:24	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,392		DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,300		TO CUT:	00:00	10:41	0.0	
					TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
5	29,635	Cell 8 & 9		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	
40' Crew Boat	Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 130
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/17/2014

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	Sta 900+00 to 1000+00 Cell 8 & 9	00:00 00:33	33 0	138 6 71	248 5,927 0
2	Sta 900+00 to 1000+00 Cell 8 & 9	04:08 04:40	32 0	142 6 131	311 5,927 0
3	Sta 900+00 to 1000+00 Cell 8 & 9	09:19 09:57	38 0	141 6 135	320 5,927 0
4	Sta 900+00 to 1000+00 Cell 8 & 9	14:39 15:21	42 0	152 6 146	346 5,927 0
5	Sta 900+00 to 1000+00 Cell 8 & 9	20:25 21:00	35 0	22 0 158	215 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 225 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		131		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							10/18/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		22	2			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Station 900+00 to 1000+00		Open Water Cell 1, and 2	23,708	673,109	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP			
		10000 FT		200 FT		27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45	
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F	
RIVER/TIDE STAGE		MIN	0.40	TIME	09:24	MAX	1.90	TIME	
		09:24		00:06		GAGE LOCATION	Dog River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	
		00:00		00:00		GAGE DATUM	MLLW		
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND	
		Weather Caused No Delay			64 °F / 84 °F		6 MI	25 MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17		24		EFFECTIVE WORKING TIME:			
AFT		29		29		PUMPING:	00:00	02:16	0.0
DRAG DEPTH		MAX 0	MIN 0		TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:	00:00	11:17	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:30	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,560		DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,500		TO CUT:	00:00	09:57	0.0	
					TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
6	23,708	Cell 1 & 2		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	
40' Crew Boat	Cape Anne		400	12:00	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 226 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 131
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/18/2014	

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	Sta 900+00 to 1000+00 Cell 1 & 2	00:00 00:01	1 0	118 6 0	125 0 0
2	Sta 900+00 to 1000+00 Cell 1 & 2	02:05 02:43	38 0	138 7 130	313 5,927 0
3	Sta 900+00 to 1000+00 Cell 1 & 2	07:18 07:48	30 0	137 6 135	308 5,927 0
4	Sta 900+00 to 1000+00 Cell 1 & 2	12:26 12:59	33 0	142 6 134	315 5,927 0
5	Sta 900+00 to 1000+00 Cell 1 & 2	17:41 18:14	33 0	142 5 132	312 5,927 0
6	Sta 900+00 to 1000+00 Cell 1 & 2	22:53 22:54	1 0	0 0 66	67 0 0

QC NARRATIVE(S)
GENERAL COMMENTS
1440 Minutes, 100% Pay

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 227 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 132	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/19/2014	
DREDGE Stuyvesant		HOPPER CAP: 4487 CY				AVG VOL OF BIN WATER: 4487 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 22		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor		REACH DREDGED; STA TO STA Station 900+00 to 1000+00				DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 29,635	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 702,744	
		AVG LENGTH OF CUT 10000 FT				AVG WIDTH OF CUT 200 FT				AVG DIST TO DUMP 27 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45				GMS/LITER 1.45	
		DENSITY OF WATER				1.0060				GMS/LITER@ 82 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 09:24		MAX 1.90		TIME 00:06		GAGE LOCATION Dog River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 54 °F / 75 °F		VISIBILITY 6 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	02:37	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	10:46	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	00:25	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,476		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,200		TO CUT:	00:00	10:12	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 5		TOTAL CYS 29,635		DISPOSAL AREA Cell 1 & 2		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
								LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0
								MINOR OPERATING REPAIRS	00:00	00:00	0.0
								TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0
ATTENDANT PLANT						LAY TIME:	00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0		
40' Crew Boat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 132
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/19/2014

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	Sta 900+00 to 1000+00 Cell 1 & 2	00:00 00:31	31 0	131 6 79	247 5,927 0
2	Sta 900+00 to 1000+00 Cell 1 & 2	04:07 04:40	33 0	143 6 136	318 5,927 0
3	Sta 900+00 to 1000+00 Cell 1 & 2	09:25 09:59	34 0	145 6 132	317 5,927 0
4	Sta 900+00 to 1000+00 Cell 1 & 2	14:42 15:14	32 0	136 7 135	310 5,927 0
5	Sta 900+00 to 1000+00 Cell 1 & 2	19:52 20:19	27 0	91 0 130	248 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 229 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		133				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							10/20/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Station 900+00 to 1000+00		Open Water Cell 1, and 2	23,708	726,452			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		10000 FT		200 FT		27 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F			
RIVER/TIDE STAGE		MIN	0.40	TIME	09:24	MAX	1.90	TIME	00:06	GAGE LOCATION Dog River	
		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			48 °F / 78 °F		6 MI		8 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	02:41	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	10:10	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:32	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,190		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,200		TO CUT:	00:00	10:37	0.0		
						TOTALS:	00:00	24:00	0.0		
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA		TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0		
6		23,708	Cell 1 & 2		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		
40' Crew Boat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 133
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/20/2014

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	Sta 900+00 to 1000+00 Cell 1 & 2	00:00 00:01	1 0	47 7 0	55 0 0
2	Sta 900+00 to 1000+00 Cell 1 & 2	00:55 01:30	35 0	140 6 138	319 5,927 0
3	Sta 900+00 to 1000+00 Cell 1 & 2	06:14 06:43	29 0	138 6 138	311 5,927 0
4	Sta 900+00 to 1000+00 Cell 1 & 2	11:25 12:10	45 0	133 6 137	321 5,927 0
5	Sta 900+00 to 1000+00 Cell 1 & 2	16:46 17:36	50 0	152 7 134	343 5,927 0
6	Sta 900+00 to 1000+00 Cell 1 & 2	22:29 22:30	1 0	0 0 90	91 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 231 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		134	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							10/21/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Station 900+00 to 1000+00		Open Water Cell 1, and 2	29,635	756,087	
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		52 °F / 81 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	03:28	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				TO DUMP:	00:00	10:13	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:23	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	8,064	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	800	TO CUT:	00:00	09:56	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				AGITATING				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TAKING ON FUEL AND SUPPLIES				
5	29,635	Cell 1 & 2		00:00				
				TO AND FROM WHARF OR ANCHORAGE:				
				00:00				
				LOSS DUE TO NATURAL ELEMENTS:				
				00:00				
				LOSS DUE TO TRAFFIC AND BRIDGES				
				00:00				
				MINOR OPERATING REPAIRS				
				00:00				
				TRANSFERRING BETWEEN WORKS				
				00:00				
ATTENDANT PLANT				LAY TIME:				
				00:00				
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:				
40' Crew Boat	Cape Anne	400	12:00	00:00				
				MISCELLANEOUS				
				00:00				
				TOTALS				
				00:00				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS				
				00:00				
				CESSATION:				
				00:00				
				COLLISIONS:				
				00:00				
				TOTALS:				
				00:00				
				TOTAL TIME/MILES:				
				00:00				
				24:00				
				0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 134
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/21/2014

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	Sta 900+00 to 1000+00	00:00	50	127	225
	Cell 1 & 2	00:50	0	6 42	5,927 0
2	Sta 900+00 to 1000+00	03:45	43	138	328
	Cell 1 & 2	04:28	0	6 141	5,927 0
3	Sta 900+00 to 1000+00	09:13	42	134	325
	Cell 1 & 2	09:55	0	6 143	5,927 0
4	Sta 900+00 to 1000+00	14:38	39	139	322
	Cell 1 & 2	15:17	0	5 139	5,927 0
5	Sta 900+00 to 1000+00	20:00	34	75	240
	Cell 1 & 2	20:34	0	0 131	5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 233 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		135	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							10/22/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Station 900+00 to 1000+00		Open Water Cell 1, and 2	23,708	779,795	
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	82 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		54 °F / 78 °F	10 MI	20 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	02:58	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				TO DUMP:	00:00	10:15	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:29	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	8,400	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,400	TO CUT:	00:00	10:03	0.0	
				TOTALS:	00:00	23:45	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				AGITATING				
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TAKING ON FUEL AND SUPPLIES			
6	23,708	Cell 1 & 2		0	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	00:15	0.0	
					MINOR OPERATING REPAIRS			
					00:00	00:00	0.0	
					TRANSFERRING BETWEEN WORKS			
					00:00	00:00	0.0	
ATTENDANT PLANT				LAY TIME:				
ITEM	NAME OR NUMBER	H.P.	HOURS	FIRE AND BOAT DRILLS:				
40' Crew Boat	Cape Anne	400	12:00	00:00				
				MISCELLANEOUS				
				00:00				
				TOTALS				
				00:00				
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS				
				00:00				
				CESSATION:				
				00:00				
				COLLISIONS:				
				00:00				
				TOTALS:				
				00:00				
				TOTAL TIME/MILES:				
				00:00				
				24:00				
				0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

PAGE NO.
Page 234 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 135
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/22/2014

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	Sta 900+00 to 1000+00 Cell 1 & 2	00:00 00:01	1 0	68 6 0	75 0 0
2	Sta 900+00 to 1000+00 Cell 1 & 2	01:15 01:58	43 0	137 5 139	324 5,927 0
3	Sta 900+00 to 1000+00 Cell 1 & 2	06:39 07:26	47 0	132 8 133	320 5,927 0
4	Sta 900+00 to 1000+00 Cell 1 & 2	12:04 12:48	44 0	139 5 135	323 5,927 0
5	Sta 900+00 to 1000+00 Cell 1 & 2	17:37 18:19	42 0	139 5 139	325 5,927 0
6	Sta 900+00 to 1000+00 Cell 1 & 2	23:02 23:03	1 0	0 0 57	58 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1425 Minutes, 100% Pay
15 Minutes, 70% Pay Traffic

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.					
CONTRACT NO. W91278-14-D-0041 0001							CONTRACT TITLE Maintenance Dredging of Mobile Harbor		CONTRACTOR Dutra Dredging Company		REPORT NO. 136	
CHARACTER OF REPORT							<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE 10/23/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY		DAYS PER WEEK				
		22	2			2		7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Harbor	Station 900 to 1000 & 393 - 450		Open Water Cell 1, and 2	23,708	803,503					
		AVG LENGTH OF CUT 10000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 27 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER		1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@		72 °F			
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 48 °F / 75 °F	VISIBILITY 10 MI	WIND 12 MPH						
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17		24		EFFECTIVE WORKING TIME:						
AFT		29		29		PUMPING:	00:00	01:55	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON		09/13/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		TO DUMP:	00:00	10:46	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0				
GALLONS OF FUEL OIL CONSUMED		GAL	7,970		DUMPING:	00:00	00:20	0.0				
GALLONS OF WATER CONSUMED		GAL	1,300		DISCONNECTING:	00:00	00:00	0.0				
					TO CUT:	00:00	10:51	0.0				
					TOTALS:	00:00	23:52	0.0				
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
4	23,708	Cell 1 & 2		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
						LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:08	0.0			
						MINOR OPERATING REPAIRS	00:00	00:00	0.0			
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
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			
40' Crew Boat	Cape Anne		400	12:00		MISCELLANEOUS	00:00	00:00	0.0			
						TOTALS	00:00	00:08	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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 136
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/23/2014

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	Sta 900+00 to 1000+00 Cell 1 & 2	00:00 00:44	44 0	132 6 83	265 5,927 0
2	Sta 393+00 to 450+00 Cell 1 & 2	04:25 04:57	32 0	188 8 204	432 5,927 0
3	Sta 393+00 to 450+00 Cell 1 & 2	11:45 12:04	19 0	196 6 174	395 5,927 0
4	Sta 393+00 to 450+00 Cell 1 & 2	18:20 18:40	20 0	130 0 190	340 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1432 Minutes, 100% Pay
8 Minutes, 70% Pay Traffic

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 237 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 137	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/24/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Harbor	Station 393+00 to 450+00		Open Water Cell 1, and 2	17,781	821,284				
		AVG LENGTH OF CUT 5700 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 37 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER		1.45		
		DENSITY OF WATER			1.0060		GMS/LITER@		72 °F		
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 51 °F / 78 °F	VISIBILITY 10 MI	WIND 12 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24		EFFECTIVE WORKING TIME:						
AFT		29	29		PUMPING:		00:00	00:54	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:		00:00	10:42	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	00:33	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		8,064		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		800		TO CUT:		00:00	11:45	0.0	
						TOTALS:		00:00	23:54	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
						TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0	
						TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0	
5	17,781	Cell 1 & 2		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:06	0.0	
						MINOR OPERATING REPAIRS		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0	
ATTENDANT PLANT					LAY TIME:						
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00	00:00	0.0	
						TOTALS		00:00	00:06	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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 137
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/24/2014

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	Sta 393+00 to 450+00 Cell 1 & 2	00:00 00:01	1 0	57 6 0	64 0 0
2	Sta 393+00 to 450+00 Cell 1 & 2	01:04 01:22	18 0	194 16 200	428 5,927 0
3	Sta 393+00 to 450+00 Cell 1 & 2	08:12 08:29	17 0	195 5 173	390 5,927 0
4	Sta 393+00 to 450+00 Cell 1 & 2	14:42 14:59	17 0	196 6 180	399 5,927 0
5	Sta 393+00 to 450+00 Cell 1 & 2	21:27 21:28	1 0	0 0 152	153 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1434 Minutes, 100% Pay
6 Minutes, 70% Pay Traffic

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 239 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 138	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/25/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 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	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor	Station 393+00 to 450+00			Open Water Cell 1, and 2	23,708	844,992			
		AVG LENGTH OF CUT 5700 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 37 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45	
		DENSITY OF WATER				1.0060		GMS/LITER@		72 °F	
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 48 °F / 80 °F	VISIBILITY 10 MI	WIND 18 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD	17		24			EFFECTIVE WORKING TIME:					
AFT	29		29			PUMPING:	00:00	01:17	0.0		
DRAG DEPTH	MAX 0		MIN 0			TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON	09/13/2014										
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			TO DUMP:	00:00	12:24	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			CONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	7,686			DUMPING:	00:00	00:18	0.0		
GALLONS OF WATER CONSUMED		GAL	1,200			DISCONNECTING:	00:00	00:00	0.0		
						TO CUT:	00:00	09:51	0.0		
						TOTALS:	00:00	23:50	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
					TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
					TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
4	23,708	Cell 1 & 2	0		LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:10	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
					LAY TIME:	00:00	00:00	0.0			
					FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	0.0			
					TOTALS	00:00	00:10	0.0			
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0			
					CESSATION:	00:00	00:00	0.0			
					COLLISIONS:	00:00	00:00	0.0			
					TOTALS:	00:00	00:00	0.0			
					TOTAL TIME/MILES:	00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 138
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/25/2014

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	Sta 393+00 to 450+00	00:00	22	184	233
	Cell 1 & 2	00:22	0	6	5,927
				21	0
2	Sta 393+00 to 450+00	03:53	16	180	397
	Cell 1 & 2	04:09	0	6	5,927
				195	0
3	Sta 393+00 to 450+00	10:30	20	189	396
	Cell 1 & 2	10:50	0	6	5,927
				181	0
4	Sta 393+00 to 450+00	17:16	19	191	404
	Cell 1 & 2	17:35	0	0	5,927
				194	0

QC NARRATIVE(S)

GENERAL COMMENTS

1430 Minutes, 100% Pay
10 Minutes, 70% Pay Traffic

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 241 of 279		
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.		
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		139		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE		
							10/26/2014		
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY			
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK		
		22	2			2	7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Station 393+00 to 450+00		Open Water Cell 1, and 2	23,708	868,700	
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP			
		5700 FT		200 FT		37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45	
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F	
RIVER/TIDE STAGE		MIN	0.40	TIME	09:24	MAX	1.90	TIME	
		09:24	09:24	00:06	00:06	GAGE LOCATION	Dog River		
		MIN	0.00	TIME	00:00	MAX	0.00	TIME	
		00:00	00:00	00:00	00:00	GAGE DATUM	MLLW		
WEATHER CONDITION		WEATHER			TEMP		VISIBILITY	WIND	
		Weather Caused No Delay			55 °F / 81 °F		10 MI	10 MPH	
DRAFT				DISTRIBUTION OF TIME AND MILES RUN					
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:			
AFT		29		29		PUMPING:	00:00	01:27	0.0
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	10:08	0.0
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:25	0.0
GALLONS OF FUEL OIL CONSUMED		GAL		7,602		DISCONNECTING:	00:00	00:00	0.0
GALLONS OF WATER CONSUMED		GAL		1,600		TO CUT:	00:00	11:47	0.0
						TOTALS:	00:00	23:47	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	00:13	0.0
						MINOR OPERATING REPAIRS	00:00	00:00	0.0
						TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0
						LAY TIME:	00:00	00:00	0.0
						FIRE AND BOAT DRILLS:	00:00	00:00	0.0
						MISCELLANEOUS	00:00	00:00	0.0
						TOTALS	00:00	00:13	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 242 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 139
DREDGE	NAME AND TYPE Stuyvesant	DATE 10/26/2014	

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	Sta 393+00 to 450+00 Cell 1 & 2	00:00 00:01	1 0	1 6 0	8 0 0
2	Sta 393+00 to 450+00 Cell 1 & 2	00:08 00:30	22 0	182 6 180	390 5,927 0
3	Sta 393+00 to 450+00 Cell 1 & 2	06:51 07:12	21 0	185 6 183	395 5,927 0
4	Sta 393+00 to 450+00 Cell 1 & 2	13:26 13:53	27 0	193 7 167	394 5,927 0
5	Sta 393+00 to 450+00 Cell 1 & 2	20:00 20:16	16 0	47 0 177	240 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1427 Minutes, 100% Pay
13 Minutes, 70% Pay Traffic

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 243 of 279		
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 140		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/27/2014				
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY						
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK					
		22	2			2	7					
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)					
		Mobile Harbor	Station 393+00 to 450+00		Open Water Cell 1, and 2	17,781	886,481					
		AVG LENGTH OF CUT 5700 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 37 NM						
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER 1.45					
		DENSITY OF WATER			1.0060		GMS/LITER@ 72 °F					
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River						
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 59 °F / 81 °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	17		24		EFFECTIVE WORKING TIME:							
AFT	29		29		PUMPING:	00:00	01:06	0.0				
DRAG DEPTH	MAX 0		MIN 0		TURNING:	00:00	00:00	0.0				
INDICATORS LAST CHECKED ON	09/13/2014				TO DUMP:	00:00	11:41	0.0				
AVERAGE SPEED OF DREDGE DURING LOADING	FT/MIN		0		CONNECTING:	00:00	00:00	0.0				
AVERAGE SPEED OF DREDGE DURING AGITATING	FT/MIN		0		DUMPING:	00:00	00:23	0.0				
GALLONS OF FUEL OIL CONSUMED	GAL		8,862		DISCONNECTING:	00:00	00:00	0.0				
GALLONS OF WATER CONSUMED	GAL		1,000		TO CUT:	00:00	10:35	0.0				
					TOTALS:	00:00	23:45	0.0				
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING					AGITATING	TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0				
5	17,781	Cell 1 & 2		0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0				
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:15	0.0				
					MINOR OPERATING REPAIRS	00:00	00:00	0.0				
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0				
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0				
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0				
40' Crew Boat	Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0				
					TOTALS	00:00	00:15	0.0				
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0				
					CESSATION:	00:00	00:00	0.0				
					COLLISIONS:	00:00	00:00	0.0				
					TOTALS:	00:00	00:00	0.0				
					TOTAL TIME/MILES:	00:00	24:00	0.0				

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 140
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/27/2014

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	Sta 393+00 to 450+00 Cell 1 & 2	00:00 00:01	1 0	143 6 0	150 0 0
2	Sta 393+00 to 450+00 Cell 1 & 2	02:30 02:50	20 0	175 6 182	383 5,927 0
3	Sta 393+00 to 450+00 Cell 1 & 2	08:53 09:17	24 0	192 5 187	408 5,927 0
4	Sta 393+00 to 450+00 Cell 1 & 2	15:41 16:01	20 0	191 6 174	391 5,927 0
5	Sta 393+00 to 450+00 Cell 1 & 2	22:27 22:28	1 0	0 0 92	93 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1425 Minutes, 100% Pay
15 Minutes, 70% Pay Traffic

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 245 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 141	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/28/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 22	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor	REACH DREDGED; STA TO STA Station 393+00 to 450+00			DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 23,708	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 910,189			
		AVG LENGTH OF CUT 5700 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 37 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER 1.45			
		DENSITY OF WATER				1.0060		GMS/LITER@ 72 °F			
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 59 °F / 82 °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	17		24		EFFECTIVE WORKING TIME:						
AFT	29		29		PUMPING:	00:00	01:51	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON 09/13/2014					TO DUMP:	00:00	09:59	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:19	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,686		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		2,000		TO CUT:	00:00	11:26	0.0		
					TOTALS:	00:00	23:35	0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
NO. OF LOADS 4			TOTAL CYS 23,708		DISPOSAL AREA Cell 1 & 2		TOTAL CYS 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	00:25	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0	
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00	00:00	0.0	
					TOTALS		00:00	00:25	0.0		
					LOST TIME:						
					MAJOR REPAIRS AND ALTERNATIONS		00:00	00:00	0.0		
					CESSATION:		00:00	00:00	0.0		
					COLLISIONS:		00:00	00:00	0.0		
					TOTALS:		00:00	00:00	0.0		
					TOTAL TIME/MILES:		00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 141
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/28/2014

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	Sta 393+00 to 450+00	00:00	19	179	334
	Cell 1 & 2	00:19	0	7	5,927
				129	0
2	Sta 393+00 to 450+00	05:34	21	180	393
	Cell 1 & 2	05:55	0	6	5,927
				186	0
3	Sta 393+00 to 450+00	12:07	31	221	458
	Cell 1 & 2	12:38	0	6	5,927
				200	0
4	Sta 393+00 to 450+00	20:10	40	19	230
	Cell 1 & 2	20:50	0	0	5,927
				171	0

QC NARRATIVE(S)

GENERAL COMMENTS

1415 Minutes, 100% Pay
25 Minutes, 70% Pay Traffic

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 247 of 279				
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.				
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		142				
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE				
							10/29/2014				
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
		22	2			2	7				
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Harbor		Station 393+00 to 450+00 & 270+00 to 244+00		Open Water Cell 1, and 2	17,781	927,970			
		AVG LENGTH OF CUT		AVG WIDTH OF CUT		AVG DIST TO DUMP					
		5700 FT		200 FT		37 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45			
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F			
RIVER/TIDE STAGE		MIN	0.40	TIME	09:24	MAX	1.90	TIME	00:06	GAGE LOCATION Dog River	
		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			63 °F / 82 °F		10 MI		21 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	01:31	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	12:53	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:26	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,518		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		2,000		TO CUT:	00:00	09:10	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		
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			
5	17,781	Cell 1 & 2		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		
40' Crew Boat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 142
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/29/2014

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	Sta 393+00 to 450+00 Cell 1 & 2	00:00 00:01	1 0	168 7 0	176 0 0
2	Sta 393+00 to 450+00 Cell 1 & 2	02:56 03:37	41 0	179 5 176	401 5,927 0
3	Sta 393+00 to 450+00 Cell 1 & 2	09:37 10:06	29 0	186 6 189	410 5,927 0
4	Sta 244+00 to 270+00 Cell 1 & 2	16:27 16:46	19 0	240 8 179	446 5,927 0
5	Sta 393+00 to 450+00 Cell 1 & 2	23:53 23:54	1 0	0 0 6	7 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 249 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		143	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							10/30/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Station 270+00 to 225+00		Open Water Cell 1, and 2	17,781	945,751
		AVG LENGTH OF CUT 4500 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		53 °F / 73 °F	10 MI	23 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	01:14	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:37	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,602	DUMPING:	00:00	00:13	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:43	0.0	
				TOTALS:	00:00	22:47	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	17,781	Cell 1 & 2	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	00:58	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:15	0.0	
				TOTALS	00:00	01:13	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. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 143
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/30/2014

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	Sta 225+00 to 270+00	00:00	27	197	460
	Cell 1 & 2	00:27	0	6	5,927
				230	0
2	Sta 225+00 to 270+00	08:53	26	228	482
	Cell 1 & 2	09:19	0	7	5,927
				221	0
3	Sta 225+00 to 270+00	16:55	21	212	425
	Cell 1 & 2	17:16	0	0	5,927
				192	0

QC NARRATIVE(S)

GENERAL COMMENTS

1367 Minutes, 100% Pay
 15 Minutes, 70% Pay Slowed for Crew Boat
 58 Minutes, 0% Pay minor 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.		
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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 251 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		144	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							10/31/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Station 270+00 to 225+00		Open Water Cell 1, and 2	17,781	963,532
		AVG LENGTH OF CUT 4500 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		44 °F / 78 °F	10 MI	36 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	01:34	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	10:35	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,392	DUMPING:	00:00	00:23	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	11:18	0.0	
				TOTALS:	00:00	23:50	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	
5	17,781	Cell 1 & 2	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:10	0.0	
				TOTALS	00:00	00:10	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 144
DREDGE	NAME AND TYPE Stuyvesant		DATE 10/31/2014

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	Sta 226+16 to 270+00 Cell 1 & 2	00:00 00:01	1 0	0 6 0	7 0 0
2	Sta 226+16 to 270+00 Cell 1 & 2	00:07 00:40	33 0	206 5 195	439 5,927 0
3	Sta 226+16 to 270+00 Cell 1 & 2	07:26 08:01	35 0	200 6 204	445 5,927 0
4	Sta 226+16 to 270+00 Cell 1 & 2	14:51 15:15	24 0	229 6 185	444 5,927 0
5	Sta 226+16 to 270+00 Cell 1 & 2	22:25 22:26	1 0	0 0 94	95 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1430 Minutes, 100% Pay
10 Minutes, 70% Pay Slowed for Crew Boat

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 253 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		145	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/01/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Station 270+00 to 250+00		Open Water Cell 1, and 2	17,781	981,313	
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		41 °F / 61 °F	10 MI	38 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	01:52	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				TO DUMP:	00:00	11:14	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:18	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,308	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,800	TO CUT:	00:00	10:36	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS		TOTAL CYS	DISPOSAL AREA	AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
4	17,781	Cell 1 & 2	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	
40' Crew Boat	Cape Anne	400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 145
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/01/2014

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	Sta 250+00 to 270+00	00:00	36	236	378
	Cell 1 & 2	00:36	0	6 100	5,927 0
2	Sta 250+00 to 270+00	06:18	44	220	458
	Cell 1 & 2	07:02	0	6 188	5,927 0
3	Sta 250+00 to 270+00	13:56	31	218	443
	Cell 1 & 2	14:27	0	6 188	5,927 0
4	Sta 250+00 to 270+00	21:19	1	0	161
	Cell 1 & 2	21:20	0	0 160	0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 255 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		146	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/02/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Station 270+00 to 250+00 & 165 to 185		Open Water Cell 1, and 2	23,708	1,005,021
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		37 °F / 64 °F	10 MI	13 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	01:54	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	11:05	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,686	DUMPING:	00:00	00:17	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:44	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	23,708	Cell 1 & 2	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	
40' Crew Boat	Cape Anne	400	12:00	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 256 of 279

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 146
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/02/2014

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	Sta 266+00 to 270+00 Cell 1 & 2	00:00 00:33	33 0	163 5 30	231 5,927 0
2	Sta 258+00 to 270+00 Cell 1 & 2	03:51 04:36	45 0	213 6 190	454 5,927 0
3	Sta 185+00 to 165+00 Cell 1 & 2	11:25 11:42	17 0	249 6 223	495 5,927 0
4	Sta 185+00 to 165+00 Cell 1 & 2	19:40 19:59	19 0	40 0 201	260 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 257 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		147	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/03/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Station 270+00 to 250+00 & 165 to 185		Open Water Cell 1, and 2	17,781	1,022,802	
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45	GMS/LITER	1.45	
		DENSITY OF WATER			1.0060	GMS/LITER@	72 °F	
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		39 °F / 69 °F	10 MI	10 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
	LIGHT	LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	01:34	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				TO DUMP:	00:00	11:09	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	00:15	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	7,686	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	TO CUT:	00:00	10:03	0.0	
				TOTALS:	00:00	23:01	0.0	
				NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
4	17,781	Cell 1 & 2	0	LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:54	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:05	0.0	
				TOTALS	00:00	00:59	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 258 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 147
DREDGE	NAME AND TYPE Stuyvesant	DATE 11/03/2014	

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	Sta 165+00 to 185+00 Cell 1 & 2	00:00 00:01	1 0	185 4 0	190 0 0
2	Sta 258+00 to 269+00 Cell 1 & 2	03:20 04:15	55 0	212 6 190	463 5,927 0
3	Sta 165+00 to 185+00 Cell 1 & 2	11:52 12:12	20 0	228 5 209	462 5,927 0
4	Sta 165+00 to 185+00 Cell 1 & 2	19:34 19:52	18 0	44 0 204	266 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1381 Minutes, 100% Pay
59 Minutes, 70% Pay Slowed for Crew Boat & traffic

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 259 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 148	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 11/04/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE 22	OTHER PLANT 2	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor	REACH DREDGED; STA TO STA Station 270+00 to 250+00 & 165 to 185			DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 17,781	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,040,583			
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER 1.45				
		DENSITY OF WATER			1.0060		GMS/LITER@ 72 °F				
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 51 °F / 73 °F	VISIBILITY 10 MI	WIND 5 MPH					
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		17	24		EFFECTIVE WORKING TIME:						
AFT		29	29		PUMPING:		00:00	01:04	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014		TO DUMP:		00:00		12:18	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00	00:18	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		7,602		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		2,000		TO CUT:		00:00	10:20	0.0	
						TOTALS:		00:00	24:00	0.0	
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING					TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0		
NO.OF LOADS 4		TOTAL CYS 17,781		DISPOSAL AREA Cell 1 & 2		AGITATING		TOTAL CYS 0			
					TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0		
					LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	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	
40' Crew Boat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 148
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/04/2014

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	Sta 165+00 to 185+00 Cell 1 & 2	00:00 00:01	1 0	178 6 0	185 0 0
2	Sta 165+00 to 185+00 Cell 1 & 2	03:05 03:31	26 0	231 6 213	476 5,927 0
3	Sta 165+00 to 185+00 Cell 1 & 2	11:01 11:20	19 0	240 6 210	475 5,927 0
4	Sta 165+00 to 185+00 Cell 1 & 2	18:56 19:14	18 0	89 0 197	304 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 261 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		149	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/05/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Station 226+00 to 250+00		Open Water Cell 1, and 2	5,927	1,046,510
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		59 °F / 77 °F	10 MI	13 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	00:29	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
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	3,000	DUMPING:	00:00	00:06	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	03:41	0.0	
				TOTALS:	00:00	09:25	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	13:35	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
2	5,927	Cell 1 & 2	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	01:00	0.0	
				TOTALS	00:00	14:35	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 262 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 149
DREDGE	NAME AND TYPE Stuyvesant	DATE 11/05/2014	

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	Sta 226+00 to 250+00	00:00	1	141	148
	Cell 1 & 2	00:01	0	6 0	0 0
2	Sta 226+00 to 250+00	02:28	28	168	417
	Cell 1 & 2	02:56	0	0 221	5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

625 Minutes, 100% Pay
815 Minutes, 0% Pay Fuel Day

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 263 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		150	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/06/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Station 108+00 to 130+00		Open Water Cell 1, and 2	17,681	1,064,191
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		59 °F / 79 °F	10 MI	23 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	00:59	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	11:31	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	6,006	DUMPING:	00:00	00:19	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:36	0.0	
				TOTALS:	00:00	23:25	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	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	17,681	Cell 1 & 2	0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
				LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:35	0.0	
				MINOR OPERATING REPAIRS	00:00	00:00	0.0	
				TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0	
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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:00	0.0	
				TOTALS	00:00	00:35	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 150
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/06/2014

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	Sta 165+00 to 185+00 Cell 1 & 2	00:00 00:01	1 0	41 6 0	48 0 0
2	Sta 165+00 to 185+00 Cell 1 & 2	00:48 01:06	18 0	212 6 232	468 5,927 0
3	Sta 130+00 to 108+00 Cell 1 & 2	09:11 09:30	19 0	251 7 205	482 5,827 0
4	Sta 130+00 to 108+00 Cell 1 & 2	17:13 17:34	21 0	187 0 199	407 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1405 Minutes, 100% Pay
35 Minutes, 70% Pay Traffic

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 265 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		151	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/07/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
		22	2			2	7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)
		Mobile Harbor		Station 108+00 to 130+00 & 226 to 270		Open Water Cell 1, and 2	17,781	1,081,972
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		45 °F / 64 °F	10 MI	21 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)	
FORWARD		17	24	EFFECTIVE WORKING TIME:				
AFT		29	29	PUMPING:	00:00	01:37	0.0	
DRAG DEPTH		MAX 0	MIN 0	TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON		09/13/2014						
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	TO DUMP:	00:00	11:50	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	8,484	DUMPING:	00:00	00:18	0.0	
GALLONS OF WATER CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
				TO CUT:	00:00	10:15	0.0	
				TOTALS:	00:00	24:00	0.0	
WORK PERFORMED				NON-EFFECTIVE WORKING TIME:				
DREDGING AND HAULING		AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
4	17,781	Cell 1 & 2	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	
40' Crew Boat	Cape Anne	400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 151
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/07/2014

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	Sta 130+00 to 108+00 Cell 1 & 2	00:00 00:01	1 0	58 6 0	65 0 0
2	Sta 130+00 to 108+00 Cell 1 & 2	01:05 01:37	32 0	262 6 241	541 5,927 0
3	Sta 227+00 to 270+00 Cell 1 & 2	10:06 10:51	45 0	220 6 179	450 5,927 0
4	Sta 130+00 to 108+00 Cell 1 & 2	17:36 17:55	19 0	170 0 195	384 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 267 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 152	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 11/08/2014	
DREDGE Stuyvesant		HOPPER CAP: 4487 CY				AVG VOL OF BIN WATER: 4487 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		REACH DREDGED; STA TO STA				DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Station 108+00 to 130+00 & 226 to 270				Open Water Cell 1, and 2	17,781	1,099,753	
		AVG LENGTH OF CUT 3000 FT				AVG WIDTH OF CUT 200 FT				AVG DIST TO DUMP 41 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45				GMS/LITER 1.45	
		DENSITY OF WATER				1.0060				GMS/LITER@ 72 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 09:24		MAX 1.90		TIME 00:06		GAGE LOCATION Dog River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 45 °F / 63 °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		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	01:45	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	11:16	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,988		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		2,000		TO CUT:	00:00	10:15	0.0		
						TOTALS:	00:00	23:34	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
4		17,781		Cell 1 & 2		0		LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0
								LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:26	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		
40' Crew Boat		Cape Anne		400	12:00	MISCELLANEOUS	00:00	00:00	0.0		
						TOTALS	00:00	00:26	0.0		
LOST TIME:						MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0		
						CESSATION:	00:00	00:00	0.0		
						COLLISIONS:	00:00	00:00	0.0		
						TOTALS:	00:00	00:00	0.0		
						TOTAL TIME/MILES:	00:00	24:00	0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 152
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/08/2014

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	Sta 240+00 to 270+00 Cell 1 & 2	00:00 00:01	1 0	71 6 0	78 0 0
2	Sta 240+00 to 270+00 Cell 1 & 2	01:18 01:56	38 0	206 6 197	447 5,927 0
3	Sta 108+00 to 130+00 Cell 1 & 2	08:45 09:11	26 0	245 6 212	489 5,927 0
4	Sta 108+00 to 130+00 Cell 1 & 2	16:54 17:34	40 0	154 0 206	400 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1414 Minutes, 100% Pay
26 Minutes, 70% Pay Traffic

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 269 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 153	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 11/09/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 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	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		Mobile Harbor	Station 108+00 to 130+00 & 226 to 270, 165 to 185		Open Water Cell 1, and 2	17,781	1,117,534				
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER		1.45		
		DENSITY OF WATER			1.0060		GMS/LITER@		72 °F		
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM MLLW					
WEATHER CONDITION		WEATHER Weather Caused No Delay		TEMP 46 °F / 69 °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		17	24		EFFECTIVE WORKING TIME:						
AFT		29	29		PUMPING:	00:00	01:27	0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	11:58	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,770		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		2,000		TO CUT:	00:00	09:54	0.0		
						TOTALS:	00:00	23:37	0.0		
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00	00:00	0.0	
4	17,781	Cell 1 & 2		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	
40' Crew Boat	Cape Anne		400	12:00		MISCELLANEOUS		00:00	00:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 153
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/09/2014

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	Sta 130+00 to 108+00 Cell 1 & 2	00:00 00:01	1 0	72 6 0	79 0 0
2	Sta 130+00 to 108+00 Cell 1 & 2	01:19 01:59	40 0	218 6 208	472 5,927 0
3	Sta 240+00 to 227+00 Cell 1 & 2	09:34 09:59	25 0	238 6 196	465 5,927 0
4	Sta 185+00 to 165+00 Cell 1 & 2	17:19 17:40	21 0	190 0 190	401 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

1417 Minutes, 100% Pay
23 Minutes, 70% Pay Traffic

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 271 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 154	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 11/10/2014			
DREDGE Stuyvesant		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK Mobile Harbor		LOCATION CHANNEL		REACH DREDGED; STA TO STA Station 108+00 to 130+00 & 226 to 270, 165 to 185		DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 17,781	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,135,315			
		AVG LENGTH OF CUT 3000 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 41 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45	
		DENSITY OF WATER				1.0060		GMS/LITER@		72 °F	
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION		Dog River			
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM		MLLW			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 41 °F / 69 °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	17		24		EFFECTIVE WORKING TIME:						
AFT	29		29		PUMPING:	00:00	01:15	0.0			
DRAG DEPTH	MAX 0	MIN 0			TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON	09/13/2014				TO DUMP:	00:00	11:59	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0		CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0		DUMPING:	00:00	00:23	0.0			
GALLONS OF FUEL OIL CONSUMED		GAL	7,686		DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED		GAL	2,000		TO CUT:	00:00	10:23	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			
5	17,781	Cell 1 & 2	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			
40' Crew Boat	Cape Anne	400	12:00		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 272 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 154
DREDGE	NAME AND TYPE Stuyvesant	DATE 11/10/2014	

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	Sta 240+00 to 226+00 Cell 1 & 2	00:00 00:01	1 0	38 6 0	45 0 0
2	Sta 240+00 to 226+00 Cell 1 & 2	00:45 01:18	33 0	204 6 208	451 5,927 0
3	Sta 108+00 to 130+00 Cell 1 & 2	08:16 08:37	21 0	246 5 213	485 5,927 0
4	Sta 185+00 to 165+00 Cell 1 & 2	16:21 16:40	19 0	231 6 191	447 5,927 0
5	Sta 240+00 to 226+00 Cell 1 & 2	23:48 23:49	1 0	0 0 11	12 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 273 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 155	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 11/11/2014	
DREDGE Stuyvesant		HOPPER CAP: 4487 CY				AVG VOL OF BIN WATER: 4487 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		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor		Station 108+00 to 130+00 & 226 to 270, 165 to 185			Open Water Cell 1, and 2		17,781	1,153,096	
		AVG LENGTH OF CUT 3000 FT				AVG WIDTH OF CUT 200 FT				AVG DIST TO DUMP 41 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45				GMS/LITER 1.45	
		DENSITY OF WATER				1.0060				GMS/LITER@ 72 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 09:24		MAX 1.90		TIME 00:06		GAGE LOCATION Dog River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 46 °F / 73 °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		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	01:13	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	11:39	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:18	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		8,652		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		2,000		TO CUT:	00:00	10:50	0.0		
						TOTALS:	00:00	24:00	0.0		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0
4		17,781		Cell 1 & 2		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		
40' Crew Boat		Cape Anne		400	12:00	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

CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 155
DREDGE	NAME AND TYPE Stuyvesant		DATE 11/11/2014

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	Sta 239+00 to 270+00	00:00	30	198	409
	Cell 1 & 2	00:30	0	6	5,927
				175	0
2	Sta 108+00 to 1300+00	06:49	22	253	496
	Cell 1 & 2	07:11	0	6	5,927
				215	0
3	Sta 130+00 to 108+00	15:05	20	248	503
	Cell 1 & 2	15:25	0	6	5,927
				229	0
4	Sta 239+00 to 270+00	23:28	1	0	32
	Cell 1 & 2	23:29	0	0	0
				31	0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 275 of 279	
CONTRACT NO. W91278-14-D-0041 0001		CONTRACT TITLE Maintenance Dredging of Mobile Harbor				CONTRACTOR Dutra Dredging Company				REPORT NO. 156	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 11/12/2014	
DREDGE Stuyvesant		HOPPER CAP: 4487 CY			AVG VOL OF BIN WATER: 4487 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 22		OTHER PLANT 2		WORK SCHEDULE		SHIFTS PER DAY 2	DAYS PER WEEK 7
LOCATION OF WORK		LOCATION CHANNEL Mobile Harbor		REACH DREDGED; STA TO STA Station 108+00 to 130+00			DISPOSAL AREA USE Open Water Cell 1, and 2	QTY DEPOSITED GROSS(CY) 17,781		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,170,877	
		AVG LENGTH OF CUT 2200 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 42 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1.45		GMS/LITER		1.45	
		DENSITY OF WATER				1.0060		GMS/LITER@		72 °F	
RIVER/TIDE STAGE		MIN 0.40		TIME 09:24		MAX 1.90		TIME 00:06		GAGE LOCATION Dog River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 50 °F / 66 °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		17		24		EFFECTIVE WORKING TIME:					
AFT		29		29		PUMPING:	00:00	01:34	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:	00:00	00:00	0.0		
INDICATORS LAST CHECKED ON		09/13/2014				TO DUMP:	00:00	11:28	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:	00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:	00:00	00:20	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL		7,686		DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF WATER CONSUMED		GAL		1,500		TO CUT:	00:00	10:38	0.0		
						TOTALS:	00:00	24:00	0.0		
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0		
						TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0		
NO.OF LOADS 4		TOTAL CYS 17,781		DISPOSAL AREA Cell 1 & 2		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		
40' Crew Boat		Cape Anne		400	12:00	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 276 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 156
DREDGE	NAME AND TYPE Stuyvesant	DATE 11/12/2014	

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	Sta 108+00 to 130+00 Cell 1 & 2	00:00 00:37	37 0	224 8 178	447 5,927 0
2	Sta 108+00 to 130+00 Cell 1 & 2	07:27 07:46	19 0	223 6 222	470 5,927 0
3	Sta 108+00 to 130+00 Cell 1 & 2	15:17 15:54	37 0	241 6 220	504 5,927 0
4	Sta 108+00 to 130+00 Cell 1 & 2	23:41 23:42	1 0	0 0 18	19 0 0

QC NARRATIVE(S)

GENERAL COMMENTS

1440 Minutes, 100% Pay

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 277 of 279	
CONTRACT NO.		CONTRACT TITLE			CONTRACTOR		REPORT NO.	
W91278-14-D-0041 0001		Maintenance Dredging of Mobile Harbor			Dutra Dredging Company		157	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK					DATE	
							11/13/2014	
DREDGE		HOPPER CAP: 4487 CY		AVG VOL OF BIN WATER: 4487 CY		AVG UNFILLED CAP: 0 CY		
Stuyvesant		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK	
			22	2		2	7	
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)	
		Mobile Harbor	Station 108+00 to 130+00		Open Water Cell 1, and 2	5,927	1,176,804	
		AVG LENGTH OF CUT 2200 FT		AVG WIDTH OF CUT 200 FT		AVG DIST TO DUMP 42 NM		
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1.45		GMS/LITER	1.45
		DENSITY OF WATER			1.0060		GMS/LITER@	72 °F
RIVER/TIDE STAGE		MIN 0.40	TIME 09:24	MAX 1.90	TIME 00:06	GAGE LOCATION Dog River		
		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		39 °F / 48 °F	10 MI	28 MPH		
DRAFT				DISTRIBUTION OF TIME AND MILES RUN				
LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)
FORWARD	17	24		EFFECTIVE WORKING TIME:				
AFT	29	29		PUMPING:	00:00	00:19	0.0	
DRAG DEPTH MAX 0 MIN 0				TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON 09/13/2014				TO DUMP:	00:00	01:32	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0	CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0	DUMPING:	00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL	2,000	DISCONNECTING:	00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL	1,500	TO CUT:	00:00	03:44	0.0	
				TOTALS:	00:00	05:35	0.0	
				NON-EFFECTIVE WORKING TIME:				
WORK PERFORMED				TAKING ON FUEL AND SUPPLIES	00:00	00:00	0.0	
DREDGING AND HAULING			AGITATING	TO AND FROM WHARF OR ANCHORAGE:	00:00	00:00	0.0	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA	TOTAL CYS	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0	
1	5,927	Cell 1 & 2	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	17:35	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	
40' Crew Boat	Cape Anne	400	12:00	MISCELLANEOUS	00:00	00:50	0.0	
				TOTALS	00:00	18:25	0.0	
				LOST TIME:				
				MAJOR REPAIRS AND ALTERNATIONS	00:00	00:00	0.0	
				CESSATION:	00:00	00:00	0.0	
				COLLISIONS:	00:00	00:00	0.0	
				TOTALS:	00:00	00:00	0.0	
				TOTAL TIME/MILES:	00:00	24:00	0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE			PAGE NO. Page 278 of 279
CONTRACT NO. W91278-14-D-0041 0001	CONTRACT TITLE Maintenance Dredging of Mobile Harbor	CONTRACTOR Dutra Dredging Company	REPORT NO. 157
DREDGE	NAME AND TYPE Stuyvesant	DATE 11/13/2014	

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	Sta 108+00 to 130+00 Cell 1 & 2	00:00 00:19	19 0	92 0 224	335 5,927 0

QC NARRATIVE(S)

GENERAL COMMENTS

335 Minutes, 100% Pay
50 Minutes, 70% Pay slow for Crewboat
1055 Minutes, 0% Completed Task Order 0001

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 279 of 279

CONTRACT NO.

W91278-14-D-0041 0001

CONTRACT TITLE

Maintenance Dredging of Mobile Harbor

CONTRACTOR

Dutra Dredging Company

REPORT NO.

157