

QUALITY CONTROL REPORT-HOPPER DREDGE				PAGE NO. Page 2 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 37	
DATE 05/09/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days					
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 4 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188	CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	REPORT NO. 38
DREDGE	NAME AND TYPE Columbia Hopper Dredge			DATE 05/10/2019
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time				
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 6 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 39	
DATE 05/11/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
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 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 40	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/12/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 0			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	0		0								
AFT	0		0								
DRAG DEPTH MAX 0 MIN 0						00:00	00:00	0.0			
INDICATORS LAST CHECKED ON						00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0		00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0		00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	0		00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL	0		00:00	00:00	0.0			
WORK PERFORMED						00:00	00:00	0.0			
DREDGING AND HAULING				AGITATING		00:00	00:00	0.0			
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		00:00	00:00	0.0			
						00:00	00:00	0.0			
						00:00	00:00	0.0			
						00:00	00:00	0.0			
ATTENDANT PLANT						00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS		00:00	00:00	0.0			
						00:00	24:00	0.0			
						00:00	24:00	0.0			
LOST TIME:											
						00:00	00:00	0.0			
						00:00	00:00	0.0			
						00:00	00:00	0.0			
						00:00	00:00	0.0			
						00:00	24:00	0.0			

QUALITY CONTROL REPORT-HOPPER DREDGE				PAGE NO. Page 8 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 40	
DATE 05/12/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
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 10 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 42	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.			
QC REPRESENTATIVE'S SIGNATURE		DATE		SUPERINTENDENT'S INITIALS	
				DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 11 of 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 43		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/14/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 0		CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 0	
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0		
		DENSITY OF WATER				0		GMS/LITER@		0 °F		
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Not Entered				TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)
FORWARD		0		0		EFFECTIVE WORKING TIME:						
AFT		0		0		PUMPING:		00:00		00:00		0.0
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00		0.0
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		00:00		0.0
						CONNECTING:		00:00		00:00		0.0
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		0		DUMPING:		00:00		0.0
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		DISCONNECTING:		00:00		0.0
GALLONS OF FUEL OIL CONSUMED				GAL		0		TO CUT:		00:00		0.0
GALLONS OF WATER CONSUMED				GAL		0		TOTALS:		00:00		0.0
						NON-EFFECTIVE WORKING TIME:						
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		0.0
								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		0.0
								MISCELLANEOUS		00:00		24:00
								TOTALS		00:00		24:00
						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
												0.0

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CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 43	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.			
QC REPRESENTATIVE'S SIGNATURE		DATE		SUPERINTENDENT'S INITIALS	
				DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 13 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 44	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/15/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT		AVG DIST TO DUMP 0 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0		GMS/LITER		0		
		DENSITY OF WATER			0		GMS/LITER@		0 °F		
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	00:00	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	00:00	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	00:00	0.0		
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:		00:00	00:00	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		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	24:00	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 14 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188	CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	REPORT NO. 44
DREDGE	NAME AND TYPE Columbia Hopper Dredge		DATE 05/15/2019	
QC NARRATIVE(S) GENERAL COMMENTS <p>Added this daily report to get report number in line with contract days -- No Dredging at this Time</p>				
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 16 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 45	
DATE 05/16/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.			
QC REPRESENTATIVE'S SIGNATURE		DATE		SUPERINTENDENT'S INITIALS	
				DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 17 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 46	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/17/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
FORWARD		0	0		EFFECTIVE WORKING TIME:						
AFT		0	0		PUMPING:		00:00	00:00	0.0		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00	00:00	0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00	00:00	0.0	
						CONNECTING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00	00:00	0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00	00:00	0.0	
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00	00:00	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	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0	
						MINOR OPERATING REPAIRS		00:00	00:00	0.0	
						TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0	
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	24:00	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		

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CONTRACT NO. W9127819D0019 W9127819F0188	CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	REPORT NO. 46
DREDGE	NAME AND TYPE Columbia Hopper Dredge			DATE 05/17/2019
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time				
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.		
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 19 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 47	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/18/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)				
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT		AVG DIST TO DUMP 0 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0		GMS/LITER 0				
		DENSITY OF WATER			0		GMS/LITER@ 0 °F				
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F	VISIBILITY MI	WIND MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED			EFFECTIVE WORKING TIME:	AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	0	0									
AFT	0	0			PUMPING:	00:00	00:00	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL	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
					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	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	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 20 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 47	
DATE 05/18/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
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 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 48		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/19/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 0			
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0				
		DENSITY OF WATER			0			GMS/LITER@ 0 °F				
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		
FORWARD		0		0		EFFECTIVE WORKING TIME:						
AFT		0		0		PUMPING:		00:00		00:00		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		00:00		
						CONNECTING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00		00:00		
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00		00:00		
					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		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		
						MINOR OPERATING REPAIRS		00:00		00:00		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
					MISCELLANEOUS		00:00		24:00		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 22 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 48	
DATE 05/19/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
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 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 49		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/20/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 0			
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0				
		DENSITY OF WATER			0			GMS/LITER@ 0 °F				
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		
FORWARD		0		0		EFFECTIVE WORKING TIME:						
AFT		0		0		PUMPING:		00:00		00:00		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		00:00		
						CONNECTING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00		00:00		
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00		00:00		
					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		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		
						MINOR OPERATING REPAIRS		00:00		00:00		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
					MISCELLANEOUS		00:00		24:00		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 24 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 49	
DATE 05/20/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.			
QC REPRESENTATIVE'S SIGNATURE		DATE		SUPERINTENDENT'S INITIALS	
				DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 25 of 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 50		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/21/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 0			
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0				
		DENSITY OF WATER			0			GMS/LITER@ 0 °F				
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		
FORWARD		0		0		EFFECTIVE WORKING TIME:						
AFT		0		0		PUMPING:		00:00		00:00		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		00:00		
						CONNECTING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00		00:00		
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00		00:00		
					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		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		
						MINOR OPERATING REPAIRS		00:00		00:00		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
					MISCELLANEOUS		00:00		24:00		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 26 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 50	
DATE 05/21/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
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 27 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 51	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/22/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 0	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 0			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	00:00	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	00:00	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:	00:00	00:00	0.0			
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:	00:00	00:00	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			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	24:00	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 28 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 51	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
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 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 52		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/23/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 0			
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0				
		DENSITY OF WATER			0			GMS/LITER@ 0 °F				
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Not Entered			TEMP 0 °F / 0 °F		VISIBILITY MI		WIND MPH			
DRAFT					DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		
FORWARD		0		0		EFFECTIVE WORKING TIME:						
AFT		0		0		PUMPING:		00:00		00:00		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		00:00		
						CONNECTING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:00		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00		00:00		
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00		00:00		
					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		
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		
						MINOR OPERATING REPAIRS		00:00		00:00		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0	
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
					MISCELLANEOUS		00:00		24:00		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 30 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge		REPORT NO. 52	
DATE 05/23/2019					
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days -- No Dredging at this Time					
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.			
QC REPRESENTATIVE'S SIGNATURE		DATE		SUPERINTENDENT'S INITIALS	
				DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 31 of 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 53		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/24/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 5,270			
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 24 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450		
		DENSITY OF WATER				1006		GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		
FORWARD		8		17		EFFECTIVE WORKING TIME:						
AFT		11		16		PUMPING:		00:00		01:37		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		05:21		
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		00:08		
GALLONS OF FUEL OIL CONSUMED		GAL		987		DISCONNECTING:		00:00		00:00		
GALLONS OF WATER CONSUMED		GAL		600		TO CUT:		00:00		04:56		
						TOTALS:		00:00		12:02		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING				TAKING ON FUEL AND SUPPLIES		00:00		00:00		
NO.OF LOADS 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		
						MINOR OPERATING REPAIRS		00:00		00:00		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		
ATTENDANT PLANT						LAY TIME:		00:00		00:00		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		00:00	
Crew - Survey Boat	Cape Anne		400	12:00	MISCELLANEOUS		00:00		11:58		00:00	
					TOTALS		00:00		11:58		00:00	
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		00:00	
					CESSATION:		00:00		00:00		00:00	
					COLLISIONS:		00:00		00:00		00:00	
					TOTALS:		00:00		00:00		00:00	
					TOTAL TIME/MILES:		00:00		24:00		00:00	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 32 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 53	
					DATE 05/24/2019	
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 1055+43 to 1115+00	11:58	30	140	174	
	Mobile Site 102	12:28	0	4	2,635	
				0	0	
2	Sta 1055+43 to 1115+00	14:52	35	137	331	
	Mobile Site 102	15:27	0	4	2,635	
				155	0	
3	Sta 1055+43 to 1115+00	20:23	32	44	217	
	Mobile Site 102	20:55	0	0	0	
				141	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 33 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 54	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/25/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 15,810		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 24 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		01:20	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		08:44	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		2,069		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		07:52	
						TOTALS:		00:00		18:12	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		05:48	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crew - Survey Boat		Cape Anne		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 34 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 54	
		DATE 05/25/2019				
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 1055+43 to 1115+00	00:00	0	98	102	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 1055+43 to 1115+00	01:42	26	144	314	
	Mobile Site 102	02:08	0	4	2,635	
				140	0	
3	Sta 1055+43 to 1115+00	12:44	28	142	322	
	Mobile Site 102	13:12	0	4	2,635	
				148	0	
4	Sta 1055+43 to 1115+00	18:06	26	140	304	
	Mobile Site 102	18:32	0	4	2,635	
				134	0	
5	Sta 1055+43 to 1115+00	23:10	0	0	50	
	Mobile Site 102	23:10	0	0	0	
				50	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 35 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 55	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/26/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 28,985		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 24 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		02:16	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		10:39	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		2,805		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		10:17	
						TOTALS:		00:00		23:28	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:15	
						MINOR OPERATING REPAIRS		00:00		00:17	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crew - Survey Boat		Cape Anne		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 36 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 55	
		DATE 05/26/2019				
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 1055+43 to 1115+00	00:00	30	142	267	
	Mobile Site 102	00:30	0	4	2,635	
				91	0	
2	Sta 1055+43 to 1115+00	04:27	25	156	309	
	Mobile Site 102	04:52	0	4	2,635	
				124	0	
3	Sta 1055+43 to 1115+00	09:36	25	147	301	
	Mobile Site 102	10:01	0	4	2,635	
				125	0	
4	Sta 1055+43 to 1115+00	14:37	29	141	299	
	Mobile Site 102	15:06	0	4	2,635	
				125	0	
5	Sta 1055+43 to 1115+00	20:08	27	53	232	
	Mobile Site 102	20:35	0	0	2,635	
				152	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 37 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 56	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/27/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 42,160		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 24 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		01:46	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		10:50	
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		01:02	
GALLONS OF FUEL OIL CONSUMED		GAL		2,805		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		09:14	
						TOTALS:		00:00		22:52	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 6	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crew - Survey Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00		01:08	
						TOTALS		00:00		01:08	
						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 38 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 56	
					DATE 05/27/2019	
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 1055+43 to 1115+00	00:00	0	81	85	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 1055+43 to 1115+00	01:25	25	148	303	
	Mobile Site 102	01:50	0	4	2,635	
				126	0	
3	Sta 1055+43 to 1115+00	06:28	28	143	340	
	Mobile Site 102	06:56	0	46	2,635	
				123	0	
4	Sta 1055+43 to 1115+00	13:16	26	139	293	
	Mobile Site 102	13:42	0	4	2,635	
				124	0	
5	Sta 1055+43 to 1115+00	18:09	27	139	295	
	Mobile Site 102	18:36	0	4	2,635	
				125	0	
6	Sta 1055+43 to 1115+00	23:04	0	0	56	
	Mobile Site 102	23:04	0	0	0	
				56	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 39 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 57	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/28/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 55,335		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 24 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		02:14	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		11:50	
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		00:20	
GALLONS OF FUEL OIL CONSUMED		GAL		2,465		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		09:36	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 6		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crew - Survey Boat		Cape Anne		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 40 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 57	
					DATE 05/28/2019	
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 1055+43 to 1115+00	00:00	31	158	260	
	Mobile Site 102	00:31	0	4	2,635	
				67	0	
2	Sta 1055+43 to 1115+00	04:20	25	134	292	
	Mobile Site 102	04:45	0	4	2,635	
				129	0	
3	Sta 1055+43 to 1115+00	09:12	26	142	290	
	Mobile Site 102	09:38	0	4	2,635	
				118	0	
4	Sta 1055+43 to 1115+00	14:02	31	139	296	
	Mobile Site 102	14:33	0	4	2,635	
				122	0	
5	Sta 1055+43 to 1115+00	18:58	21	137	292	
	Mobile Site 102	19:19	0	4	2,635	
				130	0	
6	Sta 1055+43 to 1115+00	23:50	0	0	10	
	Mobile Site 102	23:50	0	0	0	
				10	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 58		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/29/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY				
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7		
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 5,270 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 24 NM				
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450		
		DENSITY OF WATER				1006		GMS/LITER@		80 °F		
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION		
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM		
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH		
DRAFT						DISTRIBUTION OF TIME AND MILES RUN						
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		
FORWARD		8		17		EFFECTIVE WORKING TIME:						
AFT		11		16		PUMPING:		00:00		01:28		
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		04:34		
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		00:08		
GALLONS OF FUEL OIL CONSUMED		GAL		2,465		DISCONNECTING:		00:00		00:00		
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		06:01		
						TOTALS:		00:00		12:11		
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:						
DREDGING AND HAULING		AGITATING				TAKING ON FUEL AND SUPPLIES		00:00		01:55		
NO.OF LOADS 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		02:48		
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		
						MINOR OPERATING REPAIRS		00:00		07:06		
						TRANSFERRING BETWEEN WORKS		00:00		00:00		
ATTENDANT PLANT						LAY TIME:		00:00		00:00		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		00:00	
Crew - Survey Boat	Cape Anne		400	12:00	MISCELLANEOUS		00:00		00:00		00:00	
					TOTALS		00:00		11:49		00:00	
					LOST TIME:							
					MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		00:00	
					CESSATION:		00:00		00:00		00:00	
					COLLISIONS:		00:00		00:00		00:00	
					TOTALS:		00:00		00:00		00:00	
					TOTAL TIME/MILES:		00:00		24:00		00:00	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 42 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 58	
		DATE 05/29/2019				
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 1055+43 to 1115+00	00:00	36	143	294	
	Mobile Site 102	00:36	0	4	2,635	
				111	0	
2	Sta 1055+43 to 1115+00	04:54	27	131	289	
	Mobile Site 102	05:21	0	4	2,635	
				127	0	
3	Sta 1055+43 to 1115+00	21:32	25	0	148	
	Mobile Site 102	21:57	0	0	0	
				123	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 59	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/30/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 1055+43 to 1115+00 & 7+00 to 36+00 Theodore			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 71,145		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 24 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		02:14	
						TURNING:		00:00		00:16	
						TO DUMP:		00:00		11:15	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:16	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:59	
						TOTALS:		00:00		24:00	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 05/24/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,500		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		MINOR OPERATING REPAIRS		00:00		00:00	
WORK PERFORMED						TRANSFERRING BETWEEN WORKS		00:00		00:00	
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00		00:00	
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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	
ATTENDANT PLANT											
ITEM	NAME OR NUMBER		H.P.	HOURS							
Crew - Survey Boat	Cape Anne		400	12:00							

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 44 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 59	
		DATE 05/30/2019				
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 1055+43 to 1115+00	00:00	3	147	154	
	Mobile Site 102	00:03	0	4	2,635	
				0	0	
2	Sta 1055+43 to 1115+00	02:34	32	146	328	
	Mobile Site 102	03:06	0	4	2,635	
				146	0	
3	Sta 1055+43 to 1115+00	08:02	23	146	296	
	Mobile Site 102	08:25	0	4	2,635	
				123	0	
4	Sta 7+00 to 36+00	12:58	33	155	383	
	Mobile Site 102	13:37	6	4	2,635	
				185	0	
5	Sta 7+00 to 36+00	19:21	43	81	279	
	Mobile Site 102	20:14	10	0	0	
				145	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 45 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 60					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 05/31/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay - Theodore		REACH DREDGED; STA TO STA Sta 7+00 to 36+00 Theodore			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 84,320						
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1450			GMS/LITER 1450							
		DENSITY OF WATER			1006			GMS/LITER@ 80 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 90 °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		8		17		EFFECTIVE WORKING TIME:									
AFT		11		16		PUMPING:		00:00		02:03		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:29		0.0			
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		11:11		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:20		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,500		TO CUT:		00:00		09:57		0.0			
GALLONS OF WATER CONSUMED		GAL		935		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 6		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0				
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
Crew - Survey 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 46 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 60	
					DATE 05/31/2019	
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 7+00 to 36+00	00:00	0	70	74	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 7+00 to 36+00	01:14	33	155	347	
	Mobile Site 102	01:53	6	4	2,635	
				149	0	
3	Sta 7+00 to 36+00	07:01	31	146	334	
	Mobile Site 102	07:40	8	4	2,635	
				145	0	
4	Sta 7+00 to 36+00	12:35	29	151	339	
	Mobile Site 102	13:11	7	4	2,635	
				148	0	
5	Sta 7+00 to 36+00	18:14	30	149	333	
	Mobile Site 102	18:52	8	4	2,635	
				142	0	
6	Sta 7+00 to 36+00	23:47	0	0	13	
	Mobile Site 102	23:47	0	0	0	
				13	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 61	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/01/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay - Theodore		REACH DREDGED; STA TO STA Sta 7+00 to 36+00 Theodore			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 94,860		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		02:03	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:40	
INDICATORS LAST CHECKED ON		05/24/2019				TO DUMP:		00:00		09:49	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		3,420		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		10:44	
						TOTALS:		00:00		23:32	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:28	
						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.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crew - Survey Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:28	
						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 48 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 61	
		DATE 06/01/2019				
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 7+00 to 36+00	00:00	30	153	339	
	Mobile Site 102	00:40	10	4	2,635	
				142	0	
2	Sta 7+00 to 36+00	06:07	29	149	322	
	Mobile Site 102	06:46	10	4	2,635	
				130	0	
3	Sta 7+00 to 36+00	11:29	32	141	335	
	Mobile Site 102	12:11	10	4	2,635	
				148	0	
4	Sta 7+00 to 36+00	17:04	32	146	344	
	Mobile Site 102	17:46	10	4	2,635	
				152	0	
5	Sta 7+00 to 36+00	22:48	0	0	72	
	Mobile Site 102	22:48	0	0	0	
				72	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 49 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 62	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/02/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay - Theodore		REACH DREDGED; STA TO STA Sta 7+00 to 36+00 Theodore				DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 105,400	
		AVG LENGTH OF CUT 2900 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 27 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450				GMS/LITER 1450	
		DENSITY OF WATER				1006				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		02:08	
						TURNING:		00:00		00:40	
						TO DUMP:		00:00		09:56	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:16	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		10:40	
						TOTALS:		00:00		23:40	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 05/24/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						TO AND FROM WHARF OR ANCHORAGE:					
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						LOSS DUE TO NATURAL ELEMENTS:					
GALLONS OF FUEL OIL CONSUMED GAL 3,001						LOSS DUE TO TRAFFIC AND BRIDGES					
GALLONS OF WATER CONSUMED GAL 748						MINOR OPERATING REPAIRS					
WORK PERFORMED						TRANSFERRING BETWEEN WORKS					
DREDGING AND HAULING				AGITATING		LAY TIME:					
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:					
						MISCELLANEOUS					
						TOTALS					
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS					
						CESSATION:					
						COLLISIONS:					
						TOTALS:					
						TOTAL TIME/MILES:					

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 50 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 62	
		DATE 06/02/2019				
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 7+00 to 36+00	00:00	35	157	268	
	Mobile Site 102	00:45	10	4	2,635	
				62	0	
2	Sta 7+00 to 36+00	04:28	35	151	331	
	Mobile Site 102	05:13	10	4	2,635	
				131	0	
3	Sta 7+00 to 36+00	09:59	34	149	348	
	Mobile Site 102	10:43	10	4	2,635	
				151	0	
4	Sta 7+00 to 36+00	15:47	24	139	334	
	Mobile Site 102	16:21	10	4	2,635	
				157	0	
5	Sta 7+00 to 36+00	21:21	0	0	139	
	Mobile Site 102	21:21	0	0	0	
				139	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 51 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 63	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/03/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay - Theodore		REACH DREDGED; STA TO STA Sta 7+00 to 36+00 Theodore				DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 115,940	
		AVG LENGTH OF CUT 2900 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 27 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450				GMS/LITER 1450	
		DENSITY OF WATER				1006				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		02:35	
						TURNING:		00:00		00:46	
						TO DUMP:		00:00		10:22	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:16	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:44	
						TOTALS:		00:00		23:43	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 05/24/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,931		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:17	
GALLONS OF WATER CONSUMED		GAL		561		MINOR OPERATING REPAIRS		00:00		00:00	
WORK PERFORMED						TRANSFERRING BETWEEN WORKS		00:00		00:00	
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00		00:00	
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:		00:00		00:00	
						MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:17	
						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	
ITEM		NAME OR NUMBER		H.P.		HOURS					
Crew - Survey Boat		Cape Anne		400		12:00					

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 52 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 63	
					DATE 06/03/2019	
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 7+00 to 36+00	00:00	36	160	213	
	Mobile Site 102	00:46	10	4	2,635	
				3	0	
2	Sta 7+00 to 36+00	03:33	33	150	332	
	Mobile Site 102	04:16	10	4	2,635	
				135	0	
3	Sta 7+00 to 36+00	09:05	25	150	335	
	Mobile Site 102	09:36	6	4	2,635	
				150	0	
4	Sta 7+00 to 36+00	14:57	31	134	334	
	Mobile Site 102	15:38	10	4	2,635	
				155	0	
5	Sta 7+00 to 36+00	20:31	30	28	209	
	Mobile Site 102	21:11	10	0	0	
				141	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 53 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 64	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/04/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay - Theodore		REACH DREDGED; STA TO STA Sta 7+00 to 36+00 Theodore				DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 126,480	
		AVG LENGTH OF CUT 2900 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 27 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450				GMS/LITER 1450	
		DENSITY OF WATER				1006				GMS/LITER@ 80 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		11		16		PUMPING:		00:00		01:52	
						TURNING:		00:00		00:40	
						TO DUMP:		00:00		11:15	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:35	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:38	
						TOTALS:		00:00		24:00	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 05/24/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						TO AND FROM WHARF OR ANCHORAGE:					
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						LOSS DUE TO NATURAL ELEMENTS:					
GALLONS OF FUEL OIL CONSUMED GAL 2,738						LOSS DUE TO TRAFFIC AND BRIDGES					
GALLONS OF WATER CONSUMED GAL 561						MINOR OPERATING REPAIRS					
WORK PERFORMED						TRANSFERRING BETWEEN WORKS					
DREDGING AND HAULING				AGITATING		LAY TIME:					
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:					
						MISCELLANEOUS					
						TOTALS					
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS					
						CESSATION:					
						COLLISIONS:					
						TOTALS:					
						TOTAL TIME/MILES:					

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 54 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.		REPORT NO. 64
DREDGE		NAME AND TYPE Columbia Hopper Dredge			DATE 06/04/2019	
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 7+00 to 36+00	00:00	0	127	131	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 7+00 to 36+00	02:11	32	153	348	
	Mobile Site 102	02:53	10	13	2,635	
				140	0	
3	Sta 7+00 to 36+00	07:59	27	145	334	
	Mobile Site 102	08:36	10	14	2,635	
				138	0	
4	Sta 7+00 to 36+00	13:33	26	134	323	
	Mobile Site 102	14:09	10	4	2,635	
				149	0	
5	Sta 7+00 to 36+00	18:56	27	116	304	
	Mobile Site 102	19:33	10	0	0	
				151	0	
QC NARRATIVE(S) GENERAL COMMENTS Added this daily report to get report number in line with contract days and to get Cumulative dredge Volume updated						
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 55 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 36	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/05/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 137,020		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 99 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:57	
						TURNING:		00:00		00:32	
						TO DUMP:		00:00		09:44	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		01:08	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:36	
						TOTALS:		00:00		22:57	
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:17	
						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		00:46	
						TOTALS		00:00		01:03	
						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 57 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 1	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/06/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 142,290		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 73 °F / 88 °F		VISIBILITY MI		WIND 40 W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:37	
						TURNING:		00:00		00:10	
						TO DUMP:		00:00		03:23	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:08	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		03:41	
						TOTALS:		00:00		07:59	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 05/23/2019						TAKING ON FUEL AND SUPPLIES 00:00 00:00 0.0					
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		0		TO AND FROM WHARF OR ANCHORAGE: 00:00 00:00 0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		LOSS DUE TO NATURAL ELEMENTS: 00:00 16:01 0.0			
GALLONS OF FUEL OIL CONSUMED				GAL		3,928		LOSS DUE TO TRAFFIC AND BRIDGES 00:00 00:00 0.0			
GALLONS OF WATER CONSUMED				GAL		1,309		MINOR OPERATING REPAIRS 00:00 00:00 0.0			
WORK PERFORMED						TRANSFERRING BETWEEN WORKS 00:00 00:00 0.0					
DREDGING AND HAULING				AGITATING		LAY TIME: 00:00 00:00 0.0					
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS: 00:00 00:00 0.0			
								MISCELLANEOUS 00:00 00:00 0.0			
								TOTALS 00:00 16:01 0.0			
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND ALTERNATIONS 00:00 00:00 0.0			
Crew - Survey 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					PAGE NO. Page 58 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 1	
		DATE 06/06/2019				
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 7+00 to 36+00	00:00	1	44	49	
	Mobile Site 102	00:01	0	4	2,635	
				0	0	
2	Sta 7+00 to 36+00	00:49	35	159	347	
	Mobile Site 102	01:34	10	4	2,635	
				139	0	
3	Sta 7+00 to 36+00	16:37	1	0	83	
	Mobile Site 102	16:38	0	0	0	
				82	0	
QC NARRATIVE(S) GENERAL COMMENTS Dredge Down for weather most of the 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 59 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 2	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/07/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 147,560		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East Fowl River	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM MLLW	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 73 °F / 88 °F		VISIBILITY MI		WIND 40 W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:26 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:08 0.0	
INDICATORS LAST CHECKED ON 05/23/2019						TO DUMP:		00:00		02:26 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:		00:00		00:04 0.0	
GALLONS OF FUEL OIL CONSUMED 3,928						DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED 1,309						TO CUT:		00:00		04:12 0.0	
						TOTALS:		00:00		07:16 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 2	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		16:44 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 - Survey Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00		00:00 0.0	
						TOTALS		00:00		16:44 0.0	
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00 0.0	
						CESSATION:		00:00		00:00 0.0	
						COLLISIONS:		00:00		00:00 0.0	
						TOTALS:		00:00		00:00 0.0	
						TOTAL TIME/MILES:		00:00		24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 60 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 2	
					DATE 06/07/2019	
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 7+00 to 36+00	16:44	25	146	344	
	Mobile Site 102	17:17	8	4	2,635	
				161	0	
2	Sta 7+00 to 36+00	22:28	1	0	92	
	Mobile Site 102	22:29	0	0	2,635	
				91	0	
QC NARRATIVE(S) GENERAL COMMENTS Dredge Down for weather most of the 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 61 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 3	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/08/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 158,100		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 80 °F / 90 °F		VISIBILITY MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:50	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:32	
INDICATORS LAST CHECKED ON		05/23/2019				TO DUMP:		00:00		09:58	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		405		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		09:20	
						TOTALS:		00:00		21:52	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:38	
						MINOR OPERATING REPAIRS		00:00		01:30	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crew - Survey Boat		Cape Anne		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 62 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 3	
					DATE 06/08/2019	
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 7+00 to 36+00	00:00	30	154	282	
	Mobile Site 102	00:40	10	4	2,635	
				84	0	
2	Sta 7+00 to 36+00	04:42	24	162	348	
	Mobile Site 102	05:13	7	4	2,635	
				151	0	
3	Sta 7+00 to 36+00	10:30	31	158	349	
	Mobile Site 102	11:08	7	4	2,635	
				149	0	
4	Sta 7+00 to 36+00	16:19	25	124	333	
	Mobile Site 102	16:52	8	0	2,635	
				176	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 63 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 4	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/09/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 171,275		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 84 °F / 95 °F		VISIBILITY MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:57 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:35 0.0	
INDICATORS LAST CHECKED ON 05/23/2019						TO DUMP:		00:00		10:24 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:		00:00		00:16 0.0	
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED						TO CUT:		00:00		10:48 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 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		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 - Survey 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 65 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 5	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/10/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER		2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@		84 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 80 °F / 95 °F		VISIBILITY MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:37	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:18	
INDICATORS LAST CHECKED ON		05/23/2019				TO DUMP:		00:00		10:32	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,085		TO CUT:		00:00		10:32	
GALLONS OF WATER CONSUMED		GAL		561		TOTALS:		00:00		23:15	
						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 5	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:45	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crew - Survey Boat		Cape Anne		400	12:00	MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:45	
						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 67 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 6	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/11/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 74 °F / 91 °F		VISIBILITY MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:45 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:29 0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		10:14 0.0	
						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN 0		DUMPING:		00:00		00:20 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN 0		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF FUEL OIL CONSUMED				GAL 3,572		TO CUT:		00:00		11:12 0.0	
GALLONS OF WATER CONSUMED				GAL 935		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 6		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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 0.0	
Crew - Survey Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00 0.0	
								TOTALS		00:00 0.0	
						LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00 0.0	
								CESSATION:		00:00 0.0	
								COLLISIONS:		00:00 0.0	
								TOTALS:		00:00 0.0	
								TOTAL TIME/MILES:		00:00 24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 69 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 7	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/12/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 84 °F / 90 °F		VISIBILITY MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		02:10 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:34 0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		10:07 0.0	
						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN 0		DUMPING:		00:00		00:51 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN 0		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF FUEL OIL CONSUMED				GAL 2,146		TO CUT:		00:00		10:18 0.0	
GALLONS OF WATER CONSUMED				GAL 561		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 5		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		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 - Survey 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 71 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 8	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/13/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Theodore Ship		REACH DREDGED; STA TO STA Sta 7+00 to 36+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 84 °F / 90 °F		VISIBILITY MI		WIND 6 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:51	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:32	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		10:06	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,263		TO CUT:		00:00		11:15	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 5	TOTAL CYS 0	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crew - Survey Boat	Cape Anne			400	12:00	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 73 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 9					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/14/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL In neo+Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 7+00 to 36+00 and 11+15 to 11+75			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545						
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER 2.60							
		DENSITY OF WATER			1.0060			GMS/LITER@ 84 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 66 °F / 97 °F		VISIBILITY MI		WIND 6 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		10		16		PUMPING:		00:00		00:53		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:10		0.0			
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		04:07		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:04		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,263		TO CUT:		00:00		03:33		0.0			
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		08:47		0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:										
					TAKING ON FUEL AND SUPPLIES		00:00		03:27		0.0				
DREDGING AND HAULING					AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		04:46		0.0		
NO.OF LOADS 2		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		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		07:00		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 - Survey Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		15:13		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 75 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 10					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/15/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545						
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER 2.60							
		DENSITY OF WATER			1.0060			GMS/LITER@ 84 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 68 °F / 88 °F		VISIBILITY MI		WIND 6 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		10		16		PUMPING:		00:00		02:00		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		10:45		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:59		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,257		TO CUT:		00:00		10:16		0.0			
GALLONS OF WATER CONSUMED		GAL		561		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 0		DISPOSAL AREA Mobile Site 102		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	
Crew - Survey 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 77 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 11	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/16/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 77 °F / 88 °F		VISIBILITY MI		WIND 7 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		02:04	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		11:00	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:20	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		3,108		TO CUT:		00:00		10:36	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 6	TOTAL CYS 0	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crew - Survey Boat		Cape Anne		400	12:00	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 79 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 12	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/17/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 76 °F / 88 °F		VISIBILITY MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:35 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		11:10 0.0	
						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN 0		DUMPING:		00:00		00:38 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN 0		DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF FUEL OIL CONSUMED				GAL 3,108		TO CUT:		00:00		10:37 0.0	
GALLONS OF WATER CONSUMED				GAL 935		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 6		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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 0.0	
Crew - Survey Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00 0.0	
								TOTALS		00:00 0.0	
						LOST TIME:					
								MAJOR REPAIRS AND ALTERNATIONS		00:00 0.0	
								CESSATION:		00:00 0.0	
								COLLISIONS:		00:00 0.0	
								TOTALS:		00:00 0.0	
								TOTAL TIME/MILES:		00:00 24:00 0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 81 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 13					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/18/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545						
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER 2.60							
		DENSITY OF WATER			1.0060			GMS/LITER@ 84 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 / 83 °F		VISIBILITY MI		WIND 20 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		10		16		PUMPING:		00:00		02:04		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		11:31		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:20		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,915		TO CUT:		00:00		10:05		0.0			
GALLONS OF WATER CONSUMED		GAL		748		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 6		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0				
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
Crew - Survey 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 83 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 14					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/19/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545						
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER 2.60							
		DENSITY OF WATER			1.0060			GMS/LITER@ 84 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 78 °F / 90 °F		VISIBILITY MI		WIND 15 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		10		16		PUMPING:		00:00		02:07		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08		0.0			
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		10:27		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,278		TO CUT:		00:00		10:36		0.0			
GALLONS OF WATER CONSUMED		GAL		1,122		TOTALS:		00:00		23:34		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 5		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0				
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00		0.0	
Crew - Survey Boat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:26		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										PAGE NO. Page 85 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 15					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/20/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 176,545						
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			2.60			GMS/LITER 2.60							
		DENSITY OF WATER			1.0060			GMS/LITER@ 84 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 79 °F / 93 °F		VISIBILITY MI		WIND 9 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		10		16		PUMPING:		00:00		01:41		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		09:57		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:20		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,278		TO CUT:		00:00		11:32		0.0			
GALLONS OF WATER CONSUMED		GAL		1,122		TOTALS:		00:00		23:30		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 6		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:30		0.0	
								MINOR OPERATING REPAIRS		00:00		00:00		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 - Survey 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										PAGE NO. Page 87 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 16	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/21/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Ship Channel		REACH DREDGED; STA TO STA Sta 1115+00 to 1175+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 189,720		
		AVG LENGTH OF CUT 2900 FT			AVG WIDTH OF CUT 200 FT			AVG DIST TO DUMP 27 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60			
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION East 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 81 °F / 95 °F		VISIBILITY 9 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		02:06	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		11:11	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:20	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,066		TO CUT:		00:00		10:23	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 6	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crew - Survey Boat		Cape Anne		400	12:00	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 89 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 17	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/22/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 200,260			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 96 °F		VISIBILITY 10 MI		WIND 8S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED			AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	0		0		EFFECTIVE WORKING TIME:						
AFT	0		0		PUMPING:	00:00	02:10	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	11:03	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:	00:00	00:46	0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:	00:00	00:00	0.0			
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:	00:00	09:46	0.0			
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:	00:00	23:45	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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			
					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					PAGE NO. Page 90 of 463	
CONTRACT NO. W9127819F0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 17	
					DATE 06/22/2019	
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 1115+00 to 1175+00 Mobile Site 102	00:00 00:27	27 0	141 4 66	238 2,635 0	
2	Sta 1115+00 to 1175+00 Mobile Site 102	03:58 04:25	27 0	131 32 133	323 2,635 0	
3	Sta 1115+00 to 1175+00 Mobile Site 102	09:21 09:45	24 0	129 4 132	289 2,635 0	
4	Sta 1115+00 to 1175+00 Mobile Site 102	14:10 14:37	27 0	134 4 127	292 2,635 0	
5	Sta 1115+00 to 1175+00 Mobile Site 102	19:02 19:27	25 0	128 2 128	283 0 0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 91 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 18	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/23/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 13,175	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 213,435			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 96 °F		VISIBILITY 10 MI		WIND 15S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	02:00	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	11:00	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:18	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	10:42	0.0		
GALLONS OF WATER CONSUMED			GAL	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 7	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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.	
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CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.		REPORT NO. 19	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK				DATE 06/24/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP:		4387 CY		AVG VOL OF BIN WATER:		0 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE	
				13		4			
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	
		Mobile Ship Channel		Sta 1115+00 to 1175+00		Mobile Site 102 -SW		0	
		AVG LENGTH OF CUT		2900 FT		AVG WIDTH OF CUT		200 FT	
								AVG UNFILLED CAP: 0 CY	
								SHIFTS PER DAY 2	
								DAYS PER WEEK 7	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				2.60		GMS/LITER 2.60	
		DENSITY OF WATER				1.0060		GMS/LITER@ 84 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 79 °F / 93 °F		VISIBILITY MI 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN			
FORWARD		LIGHT		LOADED				AGITATING (MIN)	
		8		16				DREDGE & HAUL (MIN)	
AFT		10		16				MILES RUN (NAUT MI)	
DRAG DEPTH MAX 0 MIN 0						EFFECTIVE WORKING TIME:			
INDICATORS LAST CHECKED ON						PUMPING:		00:00	
						TURNING:		00:00	
						TO DUMP:		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						CONNECTING:		00:00	
						DUMPING:		00:00	
						DISCONNECTING:		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						TO CUT:		00:00	
GALLONS OF FUEL OIL CONSUMED GAL 5,149						TOTALS:		00:00	
GALLONS OF WATER CONSUMED GAL 561						NON-EFFECTIVE WORKING TIME:			
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00	
NO.OF LOADS 6		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		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:	
Crew - Survey Boat		Cape Anne		400		12:00		00:00	
								MISCELLANEOUS	
								00:00	
								TOTALS	
								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	
								0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 95 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 20	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/25/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 5,270	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 218,705	
		AVG LENGTH OF CUT 0 FT				AVG WIDTH OF CUT 0 FT				AVG DIST TO DUMP 0 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER 0	
		DENSITY OF WATER				0				GMS/LITER@ 0 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 85 °F / 91 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:		00:00		00:47	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		05:32	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00		04:06	
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00		10:33	
						NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		06:14	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		03:32	
NO.OF LOADS 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		03:41	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
						MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		13:27	
						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 97 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 21	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/26/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 13,175		
		AVG LENGTH OF CUT 0 FT		AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 231,880	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 84 °F / 92 °F		VISIBILITY 10 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:		00:00		01:39	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		10:29	
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		00:20	
GALLONS OF FUEL OIL CONSUMED		GAL		0		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		0		TO CUT:		00:00		11:32	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 6		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		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 99 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 22	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/27/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		0		0		2	7				
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 83 °F / 92 °F		VISIBILITY 10 MI		WIND 12 NNE MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	01:36	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	11:52	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			DUMPING:	00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	0			TO CUT:	00:00	10:16	0.0		
GALLONS OF WATER CONSUMED		GAL	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 101 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 23	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/28/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 252,960			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 83 °F		VISIBILITY 10 MI		WIND 14NNE MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:43	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	12:29	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	09:32	0.0		
GALLONS OF WATER CONSUMED			GAL	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 103 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 24	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 06/29/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		0			0		2	7			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 83 °F		VISIBILITY 10 MI		WIND 10ENE MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	01:41	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	11:31	0.0			
					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	0			TO CUT:	00:00	10:36	0.0		
GALLONS OF WATER CONSUMED		GAL	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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 105 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 25	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 06/30/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 271,405			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 88 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:45	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	11:26	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	10:33	0.0		
GALLONS OF WATER CONSUMED			GAL	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 107 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 26	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/01/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 281,945			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 83 °F / 92 °F		VISIBILITY 10 MI		WIND W 10 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0		0		EFFECTIVE WORKING TIME:						
AFT	0		0		PUMPING:		00:00	01:41	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	11:16	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	10:47	0.0		
GALLONS OF WATER CONSUMED			GAL	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 109 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 27	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/02/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 95 °F		VISIBILITY 10 MI		WIND W 10 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:25	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	10:30	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	11:03	0.0		
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:		00:00	23:14	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		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	00:46	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	0.0		
					TOTALS		00:00	00:46	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 111 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 28	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/03/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 303,025		
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER 0			
		DENSITY OF WATER				0		GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 85 °F / 95 °F		VISIBILITY 10 MI		WIND 10/W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:		00:00		01:38 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		12:23 0.0	
						CONNECTING:		00:00		00:00 0.0	
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		0		DUMPING:		00:00 00:16 0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		DISCONNECTING:		00:00 00:00 0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		0		TO CUT:		00:00 09:43 0.0	
GALLONS OF WATER CONSUMED				GAL		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00 00:00 0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00 00:00 0.0	
								MINOR OPERATING REPAIRS		00:00 00:00 0.0	
								TRANSFERRING BETWEEN WORKS		00:00 00:00 0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
								MISCELLANEOUS		00:00 00:00 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 113 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 29	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/04/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 7,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 310,930			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 85 °F / 95 °F		VISIBILITY 10 MI		WIND 10/W MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:17	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	10:49	0.0		
					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	0	TO CUT:		00:00	11:27	0.0		
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:		00:00	23:45	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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		
					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					PAGE NO. Page 114 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 29	
		DATE 07/04/2019				
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	330+00 to 390+00	00:00	22	222	377	
	Mobile Site 102	00:22	0	4	2,635	
				129	0	
2	330+00 to 390+00	06:17	25	226	435	
	Mobile Site 102	06:42	0	4	2,635	
				180	0	
3	330+00 to 390+00	13:32	30	201	428	
	Mobile Site 102	14:02	0	4	2,635	
				193	0	
4	330+00 to 390+00	20:40	0	0	185	
	Mobile Site 102	20:40	0	0	0	
				185	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 115 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 30	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/05/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 318,835		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 96 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:36	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:06	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		10:43	
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		00:39	
GALLONS OF FUEL OIL CONSUMED		GAL		2,972		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		374		TO CUT:		00:00		10:11	
						TOTALS:		00:00		23:15	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:45	
						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.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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 116 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 30	
		DATE 07/05/2019				
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	330+00 to 390+00	00:45	22	207	274	
	Mobile Site 102	01:13	6	4	2,635	
				35	0	
2	330+00 to 390+00	05:19	27	219	430	
	Mobile Site 102	05:46	0	4	2,635	
				180	0	
3	330+00 to 390+00	12:29	22	203	444	
	Mobile Site 102	12:51	0	31	2,635	
				188	0	
4	330+00 to 390+00	19:53	25	14	247	
	Mobile Site 102	20:18	0	0	0	
				208	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 117 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 31	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/06/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 329,375		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 84 °F / 100 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:18	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		13:13	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		3,493		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		09:17	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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 119 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 32	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/07/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 339,915		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 97 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:16	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		10:59	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		2,907		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		11:29	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 121 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 33	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/08/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 347,820		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 97 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:38	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:12	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		11:12	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,664		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:36	
						TOTALS:		00:00		23:50	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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 123 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 34	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/09/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 355,725		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 99 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:19	
						TURNING:		00:00		00:00	
						TO DUMP:		00:00		12:28	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:12	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:51	
						TOTALS:		00:00		23:50	
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:10	
						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		00:10	
						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 125 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 35	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/10/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 360,995		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 99 °F		VISIBILITY 10 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:50	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		06:59	
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		00:08	
GALLONS OF FUEL OIL CONSUMED		GAL		2,736		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		06:48	
						TOTALS:		00:00		14:45	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		02:10	
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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 127 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 65	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/11/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 2,635 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 363,630		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 82 °F / 96 °F		VISIBILITY 10 MI		WIND 45 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		00:48	
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		00:04	
GALLONS OF FUEL OIL CONSUMED		GAL		1,500		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		00:45	
						TOTALS:		00:00		01:37	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 2		TOTAL CYS 2,635		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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 128 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 65	
					DATE 07/11/2019	
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	330+00 to 390+00	00:00	0	48	52	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	330+00 to 390+00	00:52	0	0	45	
	Mobile Site 102	00:52	0	0	0	
				45	0	
QC NARRATIVE(S) GENERAL COMMENTS Dredge Columbia anchored for rough seas in the Gulf from Tropical Storm Barry						
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 129 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 67	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/12/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 363,630		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 82 °F / 96 °F		VISIBILITY 10 MI		WIND 45 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		00:00	
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		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,500		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		00:00	
						TOTALS:		00:00		00:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
						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	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Bay Runner		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 131 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 41	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/13/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 363,630		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 75 °F / 85 °F		VISIBILITY 5 MI		WIND 40 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		00:00	
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		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,270		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		00:00	
						TOTALS:		00:00		00:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS	TOTAL CYS	DISPOSAL AREA		TOTAL CYS		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		24:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Bay Runner		400	12:00		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		24:00	
						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 133 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 66	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/14/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 2,635 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 366,265		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 82 °F / 96 °F		VISIBILITY 10 MI		WIND 45 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		00:25	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		03:27	
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		00:04	
GALLONS OF FUEL OIL CONSUMED		GAL		450		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		04:39	
						TOTALS:		00:00		08:35	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 2		TOTAL CYS 2,635		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 135 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 68	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/15/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 374,170		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 84 °F / 96 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:19	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		11:10	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		1,354		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		48		TO CUT:		00:00		11:19	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 137 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 69	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/16/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 330+00 to 390+00			DISPOSAL AREA USE Mobile Site 102-SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 382,075		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 37 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1450		GMS/LITER		1450	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 84 °F / 96 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		17		EFFECTIVE WORKING TIME:					
AFT		10		16		PUMPING:		00:00		01:44	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:54	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		10:29	
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		00:38	
GALLONS OF FUEL OIL CONSUMED		GAL		2,871		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:15	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 139 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 70	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/17/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 7,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 389,980			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 94 °F		VISIBILITY 10 MI		WIND 10 MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	01:05	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	12:00	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			DUMPING:	00:00	00:43	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	0			TO CUT:	00:00	10:12	0.0		
GALLONS OF WATER CONSUMED		GAL	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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 140 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 70	
		DATE 07/17/2019				
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	330+00 to 390+00	00:00	0	225	260	
	Mobile Site 102	00:00	0	35	2,635	
				0	0	
2	330+00 to 390+00	04:20	32	242	496	
	Mobile Site 102	04:52	0	4	2,635	
				218	0	
3	330+00 to 390+00	12:36	33	253	522	
	Mobile Site 102	13:09	0	4	2,635	
				232	0	
4	330+00 to 390+00	21:18	0	0	162	
	Mobile Site 102	21:18	0	0	0	
				162	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 141 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 71	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/18/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		0			0		2	7			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 94 °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	0		0		EFFECTIVE WORKING TIME:						
AFT	0		0		PUMPING:		00:00	01:40	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	10:49	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:21	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	11:10	0.0		
GALLONS OF WATER CONSUMED			GAL	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 4	TOTAL CYS 7,095	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 143 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 72	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/19/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 407,615	
		AVG LENGTH OF CUT 0 FT				AVG WIDTH OF CUT 0 FT				AVG DIST TO DUMP 0 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER 0	
		DENSITY OF WATER				0				GMS/LITER@ 0 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 72 °F / 86 °F		VISIBILITY 10 MI		WIND 10/S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:		00:00		01:19	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		11:00	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:18	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		0		TO CUT:		00:00		10:57	
GALLONS OF WATER CONSUMED		GAL		0		TOTALS:		00:00		23:34	
						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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:26	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
						MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:26	
						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 145 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 73	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/20/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 7,905	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 415,520			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 87 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:52	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	11:37	0.0		
					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	0	TO CUT:		00:00	10:19	0.0		
GALLONS OF WATER CONSUMED			GAL	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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 73	
		DATE 07/20/2019				
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	330+00 to 390+00	00:00	21	216	241	
	Mobile Site 102	00:21	0	4	2,635	
				0	0	
2	330+00 to 390+00	04:01	33	214	450	
	Mobile Site 102	04:34	0	4	2,635	
				199	0	
3	330+00 to 390+00	11:31	27	206	443	
	Mobile Site 102	11:58	0	4	2,635	
				206	0	
4	330+00 to 390+00	18:54	31	61	306	
	Mobile Site 102	19:25	0	0	0	
				214	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 147 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 74	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/21/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 7,095	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 422,615			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 86 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:22	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	12:33	0.0		
					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	0	TO CUT:		00:00	09:53	0.0		
GALLONS OF WATER CONSUMED			GAL	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 4	TOTAL CYS 7,095	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 149 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 75	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/22/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 433,155			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 86 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0		0				EFFECTIVE WORKING TIME:				
AFT	0		0				PUMPING:	00:00	01:18	0.0	
DRAG DEPTH MAX 0 MIN 0							TURNING:	00:00	00:00	0.0	
INDICATORS LAST CHECKED ON							TO DUMP:	00:00	10:52	0.0	
							CONNECTING:	00:00	00:00	0.0	
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0				DUMPING:	00:00	00:16	0.0
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0				DISCONNECTING:	00:00	00:00	0.0
GALLONS OF FUEL OIL CONSUMED			GAL	0				TO CUT:	00:00	11:34	0.0
GALLONS OF WATER CONSUMED			GAL	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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 150 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 75	
					DATE 07/22/2019	
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	330+00 to 390+00	00:00	0	21	25	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	330+00 to 390+00	00:25	28	202	465	
	Mobile Site 102	00:53	0	4	2,635	
				231	0	
3	330+00 to 390+00	08:10	26	221	446	
	Mobile Site 102	08:36	0	4	2,635	
				195	0	
4	330+00 to 390+00	15:36	24	208	425	
	Mobile Site 102	16:00	0	4	2,635	
				189	0	
5	330+00 to 390+00	22:41	0	0	79	
	Mobile Site 102	22:41	0	0	0	
				79	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 151 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 76	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/23/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 443,695			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 87 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:22	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:08	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	10:29	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:27	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	11:34	0.0		
GALLONS OF WATER CONSUMED			GAL	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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 152 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 76	
		DATE 07/23/2019				
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	330+00 to 390+00	00:00	26	209	385	
	Mobile Site 102	00:34	8	4	2,635	
				138	0	
2	330+00 to 390+00	06:25	28	216	479	
	Mobile Site 102	06:53	0	19	2,635	
				216	0	
3	330+00 to 390+00	14:24	28	204	431	
	Mobile Site 102	14:52	0	4	2,635	
				195	0	
4	330+00 to 390+00	21:35	0	0	145	
	Mobile Site 102	21:35	0	0	2,635	
				145	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 153 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 77	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/24/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		0		0		2	7				
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 86 °F		VISIBILITY 10 MI		WIND 15N MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	01:55	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:06	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	10:48	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			DUMPING:	00:00	00:14	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	0			TO CUT:	00:00	10:57	0.0		
GALLONS OF WATER CONSUMED		GAL	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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 154 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 77	
		DATE 07/24/2019				
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	330+00 to 390+00	00:00	30	218	312	
	Mobile Site 102	00:30	0	4	2,635	
				60	0	
2	330+00 to 390+00	05:12	32	208	448	
	Mobile Site 102	05:50	6	6	2,635	
				196	0	
3	390+00 to 450+00	12:40	29	214	439	
	Mobile Site 102	13:09	0	4	2,635	
				192	0	
4	390+00 to 450+00	19:59	24	8	241	
	Mobile Site 102	20:23	0	0	2,635	
				209	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 155 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 78	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/25/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 464,775			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 74 °F / 86 °F		VISIBILITY 10 MI		WIND 15N MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:21	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	12:05	0.0		
					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	0	TO CUT:		00:00	09:41	0.0		
GALLONS OF WATER CONSUMED			GAL	0	TOTALS:		00:00	23:19	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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		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	00:41	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	0.0		
					TOTALS		00:00	00:41	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 157 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 79	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/26/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 10,540	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 475,315			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 85 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT	LOADED					AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:		00:00	01:28	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	12:44	0.0		
					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	0	TO CUT:		00:00	09:36	0.0		
GALLONS OF WATER CONSUMED			GAL	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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 159 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 80	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/27/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE 0	OTHER PLANT 0	WORK SCHEDULE	SHIFTS PER DAY 2	DAYS PER WEEK 7				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY) 13,175	CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 488,490			
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 73 °F / 86 °F		VISIBILITY 10 MI		WIND 10S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
FORWARD	LIGHT		LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)		
	0		0		EFFECTIVE WORKING TIME:						
AFT	0		0		PUMPING:		00:00	01:18	0.0		
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00	00:00	0.0		
INDICATORS LAST CHECKED ON					TO DUMP:		00:00	10:14	0.0		
					CONNECTING:		00:00	00:00	0.0		
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN	0	DUMPING:		00:00	00:31	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN	0	DISCONNECTING:		00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED			GAL	0	TO CUT:		00:00	11:57	0.0		
GALLONS OF WATER CONSUMED			GAL	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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:		00:00	00:00	0.0		
					LOSS DUE TO TRAFFIC AND BRIDGES		00:00	00:00	0.0		
					MINOR OPERATING REPAIRS		00:00	00:00	0.0		
					TRANSFERRING BETWEEN WORKS		00:00	00:00	0.0		
ATTENDANT PLANT					LAY TIME:		00:00	00:00	0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00	00:00	0.0		
					MISCELLANEOUS		00:00	00:00	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 160 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 80	
		DATE 07/27/2019				
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	390+00 to 450+00	00:00	0	12	16	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	390+00 to 450+00	00:16	25	200	416	
	Mobile Site 102	00:41	0	4	2,635	
				187	0	
3	390+00 to 450+00	07:12	28	203	444	
	Mobile Site 102	07:40	0	19	2,635	
				194	0	
4	390+00 to 450+00	14:36	25	199	439	
	Mobile Site 102	15:01	0	4	2,635	
				211	0	
5	390+00 to 450+00	21:55	0	0	125	
	Mobile Site 102	21:55	0	0	2,635	
				125	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 161 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 81	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/28/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA			DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 499,030		
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER 0			
		DENSITY OF WATER				0		GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 74 °F / 85 °F		VISIBILITY 10 MI		WIND 12S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:		00:00		01:48 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00 0.0	
INDICATORS LAST CHECKED ON						TO DUMP:		00:00		11:23 0.0	
						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		0		TO CUT:		00:00 10:37 0.0	
GALLONS OF WATER CONSUMED				GAL		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00 00:00 0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00 00:00 0.0	
								MINOR OPERATING REPAIRS		00:00 00:00 0.0	
								TRANSFERRING BETWEEN WORKS		00:00 00:00 0.0	
ATTENDANT PLANT						LAY TIME:		00:00		00:00 0.0	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00 00:00 0.0	
								MISCELLANEOUS		00:00 00:00 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 163 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 82	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/29/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 0		OTHER PLANT 0		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 509,570	
		AVG LENGTH OF CUT 0 FT				AVG WIDTH OF CUT 0 FT				AVG DIST TO DUMP 0 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0				GMS/LITER 0	
		DENSITY OF WATER				0				GMS/LITER@ 0 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Not Entered				TEMP 73 °F / 86 °F		VISIBILITY 10 MI		WIND 10S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		0		0		EFFECTIVE WORKING TIME:					
AFT		0		0		PUMPING:		00:00		01:13	
						TURNING:		00:00		00:00	
						TO DUMP:		00:00		12:59	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:12	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:36	
						TOTALS:		00:00		24:00	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		0		LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		0		MINOR OPERATING REPAIRS		00:00		00:00	
WORK PERFORMED						TRANSFERRING BETWEEN WORKS		00:00		00:00	
DREDGING AND HAULING				AGITATING		LAY TIME:		00:00		00:00	
NO.OF LOADS 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:		00:00		00:00	
						MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:00	
ATTENDANT PLANT						LOST TIME:					
ITEM		NAME OR NUMBER		H.P.		HOURS		MAJOR REPAIRS AND 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 164 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 82	
		DATE 07/29/2019				
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	390+00 to 450+00	00:00	0	144	148	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	390+00 to 450+00	02:28	24	244	453	
	Mobile Site 102	02:52	0	4	2,635	
				181	0	
3	390+00 to 450+00	10:01	26	204	433	
	Mobile Site 102	10:27	0	4	2,635	
				199	0	
4	390+00 to 450+00	17:14	23	187	406	
	Mobile Site 102	17:37	0	0	2,635	
				196	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 165 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 83	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 07/30/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		0		0		2	7				
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			0			GMS/LITER 0			
		DENSITY OF WATER			0			GMS/LITER@ 0 °F			
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 89 °F		VISIBILITY 10 MI		WIND 12S MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	01:18	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	10:51	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			DUMPING:	00:00	00:16	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	0			TO CUT:	00:00	11:35	0.0		
GALLONS OF WATER CONSUMED		GAL	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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 166 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 83	
					DATE 07/30/2019	
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	390+00 to 450+00	00:00	0	32	36	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	390+00 to 450+00	00:36	26	206	422	
	Mobile Site 102	01:02	0	4	2,635	
				186	0	
3	390+00 to 450+00	07:38	25	203	426	
	Mobile Site 102	08:03	0	4	2,635	
				194	0	
4	390+00 to 450+00	14:44	27	210	450	
	Mobile Site 102	15:11	0	4	2,635	
				209	0	
5	390+00 to 450+00	22:14	0	0	106	
	Mobile Site 102	22:14	0	0	2,635	
				106	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 167 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 84	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 07/31/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS	DREDGE	OTHER PLANT	WORK SCHEDULE	SHIFTS PER DAY	DAYS PER WEEK				
LOCATION OF WORK		LOCATION CHANNEL	REACH DREDGED; STA TO STA			DISPOSAL AREA USE	QTY DEPOSITED GROSS(CY)	CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
			0	0		2	7				
		AVG LENGTH OF CUT 0 FT			AVG WIDTH OF CUT 0 FT			AVG DIST TO DUMP 0 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				0		GMS/LITER		0	
		DENSITY OF WATER				0		GMS/LITER@		0 °F	
RIVER/TIDE STAGE		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE LOCATION					
		MIN 0.00	TIME 00:00	MAX 0.00	TIME 00:00	GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 90 °F		VISIBILITY 10 MI		WIND 10W MPH		
DRAFT					DISTRIBUTION OF TIME AND MILES RUN						
	LIGHT	LOADED				AGITATING (MIN)	DREDGE & HAUL (MIN)	MILES RUN (NAUT MI)			
FORWARD	0	0			EFFECTIVE WORKING TIME:						
AFT	0	0			PUMPING:	00:00	01:37	0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:	00:00	00:00	0.0			
INDICATORS LAST CHECKED ON					TO DUMP:	00:00	07:39	0.0			
					CONNECTING:	00:00	00:00	0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN	0			DUMPING:	00:00	03:28	0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN	0			DISCONNECTING:	00:00	00:00	0.0		
GALLONS OF FUEL OIL CONSUMED		GAL	0			TO CUT:	00:00	11:16	0.0		
GALLONS OF WATER CONSUMED		GAL	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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0	LOSS DUE TO NATURAL ELEMENTS:	00:00	00:00	0.0			
					LOSS DUE TO TRAFFIC AND BRIDGES	00:00	00:00	0.0			
					MINOR OPERATING REPAIRS	00:00	00:00	0.0			
					TRANSFERRING BETWEEN WORKS	00:00	00:00	0.0			
ATTENDANT PLANT					LAY TIME:	00:00	00:00	0.0			
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:	00:00	00:00	0.0			
					MISCELLANEOUS	00:00	00:00	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 168 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 84	
		DATE 07/31/2019				
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	390+00 to 450+00	00:00	25	216	339	
	Mobile Site 102	00:25	0	4	2,635	
				94	0	
2	390+00 to 450+00	05:39	27	217	426	
	Mobile Site 102	06:06	0	4	2,635	
				178	0	
3	390+00 to 450+00	12:45	26	4	433	
	Mobile Site 102	13:11	0	200	2,635	
				203	0	
4	390+00 to 450+00	19:58	19	22	242	
	Mobile Site 102	20:17	0	0	2,635	
				201	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 169 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 85						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/01/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 390+00 to 450+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 541,190							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 36 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1200			GMS/LITER 1200								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 93 °F		VISIBILITY 10 MI		WIND 10W MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		17		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		00:45		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 07/05/2019					TO DUMP:		00:00		09:55		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		1,582		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		574		TO CUT:		00:00		06:16		0.0	
					TOTALS:		00:00		17:08		0.0					
NON-EFFECTIVE WORKING TIME:																
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00		03:05		0.0					
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		02:06		0.0				
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		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		01:41		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		
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0		
								TOTALS		00:00		06:52		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 171 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 86						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/02/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 551,730							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1200			GMS/LITER 1200								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 93 °F		VISIBILITY 10 MI		WIND 10W MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		17		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:41		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 07/05/2019					TO DUMP:		00:00		11:15		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,603		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		747		TO CUT:		00:00		10:52		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 Mobile Site 102		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		
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 173 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 87			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/03/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 562,270				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1200			GMS/LITER 1200					
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 79 °F / 93 °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		9		17		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:15		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:06		0.0	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		10:30		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		01:22		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,711		TO CUT:		00:00		09:22		0.0	
GALLONS OF WATER CONSUMED		GAL		561		TOTALS:		00:00		22:35		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS		00:00		01:25		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		0.0	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		01:25	
					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 175 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 88	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/04/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 572,810		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 83 °F / 94 °F		VISIBILITY 10 MI		WIND 17 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:42	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON 07/05/2019						TO DUMP:		00:00		11:23	
AVERAGE SPEED OF DREDGE DURING LOADING						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING AGITATING						DUMPING:		00:00		00:12	
GALLONS OF FUEL OIL CONSUMED						DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED						TO CUT:		00:00		10:43	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
AGITATING						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		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 177 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 89	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/05/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 583,350	
		AVG LENGTH OF CUT 400 FT				AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 32 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 93 °F		VISIBILITY 10 MI		WIND 12 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:27	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		10:20	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		01:01	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		4,256		TO CUT:		00:00		11:05	
GALLONS OF WATER CONSUMED		GAL		187		TOTALS:		00:00		24:00	
						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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	12:00	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 179 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 90						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/06/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 593,890							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °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		9		17		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:49		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 07/05/2019					TO DUMP:		00:00		12:27		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,603		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		09:20		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		00:12		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		
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 180 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 90	
		DATE 08/06/2019				
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 580+00 to 640+00	00:00	27	190	264	
	Mobile Site 102	00:27	0	4	2,635	
				43	0	
2	Sta 580+00 to 640+00	04:36	28	210	410	
	Mobile Site 102	05:04	0	4	2,635	
				168	0	
3	Sta 580+00 to 640+00	11:26	23	197	407	
	Mobile Site 102	11:49	0	4	2,635	
				183	0	
4	Sta 580+00 to 640+00	18:13	31	150	347	
	Mobile Site 102	18:44	0	0	2,635	
				166	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 181 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 91	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/07/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 607,065	
		AVG LENGTH OF CUT 400 FT				AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 32 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 96 °F		VISIBILITY 10 MI		WIND 11 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:43	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		10:51	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,694		TO CUT:		00:00		11:10	
GALLONS OF WATER CONSUMED		GAL		1,496		TOTALS:		00:00		24:00	
						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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	12:00	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 182 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 91	
					DATE 08/07/2019	
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 580+00 to 640+00	00:00	0	35	39	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 580+00 to 640+00	00:39	22	186	377	
	Mobile Site 102	01:01	0	4	2,635	
				165	0	
3	Sta 580+00 to 640+00	06:56	28	192	396	
	Mobile Site 102	07:24	0	4	2,635	
				172	0	
4	Sta 580+00 to 640+00	13:32	26	184	385	
	Mobile Site 102	13:58	0	4	2,635	
				171	0	
5	Sta 580+00 to 640+00	19:57	27	54	243	
	Mobile Site 102	20:24	0	0	2,635	
				162	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 183 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 92	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/08/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 617,605		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 96 °F		VISIBILITY 10 MI		WIND 11 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:17	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		11:27	
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		00:36	
GALLONS OF FUEL OIL CONSUMED		GAL		2,966		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:23	
						TOTALS:		00:00		23:50	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:10	
						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.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	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										PAGE NO. Page 185 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 93						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/09/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 628,145							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 96 °F		VISIBILITY 10 MI		WIND 11 MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		17		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:47		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:06		0.0					
INDICATORS LAST CHECKED ON 07/05/2019					TO DUMP:		00:00		12:23		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,749		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		09:28		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 10,540		DISPOSAL AREA Mobile Site 102		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		
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 187 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 94			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/10/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 638,685				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 11 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		17		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:45		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07		0.0	
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		09:14		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		01:09		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,242		TO CUT:		00:00		11:02		0.0	
GALLONS OF WATER CONSUMED		GAL		374		TOTALS:		00:00		23:17		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:17	
								MINOR OPERATING REPAIRS		00:00		00:26	
								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	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00	
								TOTALS		00:00		00:43	
					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 189 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 95					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/11/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 651,860						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		17		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:09		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		07/05/2019				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		00:16		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,882		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:14		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 13,175		DISPOSAL AREA Mobile Site 102		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	
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 191 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 96						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/12/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 662,400							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		17		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:39		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:19		0.0					
INDICATORS LAST CHECKED ON 07/05/2019					TO DUMP:		00:00		11:21		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,882		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		09:10		0.0	
					TOTALS:		00:00		22:41		0.0					
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:											
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0			
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		00:31		0.0		
								MINOR OPERATING REPAIRS		00:00		00:48		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		
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0		
								TOTALS		00:00		01:19		0.0		
LOST TIME:																
					MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0					
					CESSATION:		00:00		00:00		0.0					
					COLLISIONS:		00:00		00:00		0.0					
					TOTALS:		00:00		00:00		0.0					
					TOTAL TIME/MILES:		00:00		24:00		0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 193 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 97					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/13/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 580+00 to 640+00 and 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 675,575						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 32 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		17		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:35		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		07/05/2019				TO DUMP:		00:00		11:12		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		00:28		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,207		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		10:45		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 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		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	
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 195 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 98					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/14/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 688,750						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		17		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:08		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:20		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:18		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,533		TO CUT:		00:00		11:14		0.0			
GALLONS OF WATER CONSUMED		GAL		935		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 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		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	
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 197 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 99	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/15/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 701,925		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:36	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:58	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		3,381		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:10	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 199 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 100	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/16/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 709,830		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		17		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		00:49	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		05:48	
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		00:08	
GALLONS OF FUEL OIL CONSUMED		GAL		1,500		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		05:47	
						TOTALS:		00:00		12:32	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		06:15	
NO.OF LOADS 3		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		02:18	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 201 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 101					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/17/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,173 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 723,003						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		17		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:35		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:13		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		00:16		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,438		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		561		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		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0		
NO.OF LOADS 5		TOTAL CYS 13,173		DISPOSAL AREA Mobile Site 102		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	
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 203 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 102					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/18/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 733,543						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:38		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:03		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		3,396		TO CUT:		00:00		09:53		0.0			
GALLONS OF WATER CONSUMED		GAL		748		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		00:10		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	
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 205 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 103						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/19/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 744,083							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:33		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:27		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		1,594		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		10:48		0.0	
					TOTALS:		00:00		24:00		0.0					
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:											
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0			
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		
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 207 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 104					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/20/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 757,258						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:36		0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0				
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		10:45		0.0				
					CONNECTING:		00:00		00:00		0.0				
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		0		DUMPING:		00:00		00:38		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		3,891		TO CUT:		00:00		11:01		0.0	
GALLONS OF WATER CONSUMED				GAL		1,122		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 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		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	
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 209 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 105			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/21/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 770,433				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 31 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		88 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:36		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:21		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:52		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,891		TO CUT:		00:00		11:11		0.0	
GALLONS OF WATER CONSUMED		GAL		1,122		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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		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		
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 211 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 106	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/22/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 640+00 to 700+00 and 700+00 to 760+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540	
		AVG LENGTH OF CUT 400 FT		AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:14	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:56	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		3,420		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:34	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 213 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 107	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/23/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 8,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 789,513		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:37	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:38	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		2,633		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:29	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 8,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 215 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 108	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/24/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 800,053		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:36	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:47	
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		01:02	
GALLONS OF FUEL OIL CONSUMED		GAL		2,602		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		09:23	
						TOTALS:		00:00		23:48	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 217 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 109						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/25/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 810,323							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10 MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:36		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:34		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,831		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		748		TO CUT:		00:00		10:34		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 5		TOTAL CYS 10,270		DISPOSAL AREA Mobile Site 102		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		
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 219 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 110			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/26/2019			
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540			
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 820,863			
		AVG LENGTH OF CUT 400 FT				AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250			
		DENSITY OF WATER				1006				GMS/LITER@ 88 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 89 °F		VISIBILITY 10 MI		WIND 25 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)			
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:41			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:04			
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		00:16			
GALLONS OF FUEL OIL CONSUMED		GAL		3,040		DISCONNECTING:		00:00		00:00			
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:		00:00		10:59			
						TOTALS:		00:00		24:00			
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:							
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00			
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00			
								LOSS DUE TO NATURAL ELEMENTS:		00:00			
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00			
								MINOR OPERATING REPAIRS		00:00			
								TRANSFERRING BETWEEN WORKS		00:00			
								LAY TIME:		00:00			
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00			
Crewboat		Cape Anne		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 221 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 111					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/27/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 831,403						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 90 °F		VISIBILITY 10 MI		WIND 15W MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:40		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				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		00:12		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,635		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:		00:00		10:22		0.0			
						TOTALS:		00:00		23:02		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 Mobile Site 102		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		00:58		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	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:58		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 222 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 111	
					DATE 08/27/2019	
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 700+00 to 760+00	00:00	26	181	342	
	Mobile Site 102	00:26	0	4	2,635	
				131	0	
2	Sta 700+00 to 760+00	05:42	24	177	348	
	Mobile Site 102	06:06	0	4	2,635	
				143	0	
3	Sta 700+00 to 760+00	11:30	27	159	362	
	Mobile Site 102	11:57	0	4	2,635	
				172	0	
4	Sta 700+00 to 760+00	18:30	23	131	330	
	Mobile Site 102	18:53	0	0	2,635	
				176	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 223 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 112	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 08/28/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 844,578	
		AVG LENGTH OF CUT 400 FT				AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 30 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 94 °F		VISIBILITY 10 MI		WIND 14NNE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:47	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:13	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:40	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,863		TO CUT:		00:00		11:20	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	12:00	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 225 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 113					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/29/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 857,753						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 77 °F / 92 °F		VISIBILITY 10 MI		WIND 12S MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:43		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:07		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:17		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,372		TO CUT:		00:00		10:53		0.0			
GALLONS OF WATER CONSUMED		GAL		935		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 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		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	
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 227 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 114						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/30/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 870,928							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 77 °F / 94 °F		VISIBILITY 10 MI		WIND 11N MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:18		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		12:15		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,863		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		748		TO CUT:		00:00		09:54		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 13,175		DISPOSAL AREA Mobile Site 102		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		
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 229 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 115			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 08/31/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 870,928				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 95 °F		VISIBILITY 10 MI		WIND 4 MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:39		0.0	
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:43		0.0		
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0					CONNECTING:		00:00		00:00		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0					DUMPING:		00:00		00:16		0.0		
GALLONS OF FUEL OIL CONSUMED GAL 2,638					DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED GAL 935					TO CUT:		00:00		10:22		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 5		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		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 231 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 116	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/01/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 884,103		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 92 °F		VISIBILITY 10 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:48 0.0	
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:11 0.0	
INDICATORS LAST CHECKED ON 08/14/2019						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		00:16 0.0	
GALLONS OF FUEL OIL CONSUMED GAL 2,474						DISCONNECTING:		00:00		00:00 0.0	
GALLONS OF WATER CONSUMED GAL 1,122						TO CUT:		00:00		10:14 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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		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	
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 233 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 117	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/02/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 897,278		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 77 °F / 90 °F		VISIBILITY 10 MI		WIND 10N MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:50	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:00	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		3,516		TO CUT:		00:00		09:54	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	12:00	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 235 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 118						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/03/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 2,635 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 899,913							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 10N MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		00:25		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		02:54		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN		0		DUMPING:		00:00		00:04		0.0	
GALLONS OF FUEL OIL CONSUMED					GAL		3,122		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		1,083		TO CUT:		00:00		04:51		0.0	
					TOTALS:		00:00		08:14		0.0					
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:											
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		02:45		0.0			
NO.OF LOADS 2		TOTAL CYS 2,635		DISPOSAL AREA Mobile Site 102		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		13:01		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		
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0		
								TOTALS		00:00		15:46		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 237 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 119					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/04/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 910,453						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 78 °F / 100 °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		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:51		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:46		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		00:12		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,845		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		585		TO CUT:		00:00		08:43		0.0			
						TOTALS:		00:00		20:32		0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:										
DREDGING AND HAULING					AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		01:40		0.0		
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		01:48		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	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		03:28		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 239 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 120	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 09/05/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 700+00 to 760+00 and sta 760+00 to 820+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 923,628	
		AVG LENGTH OF CUT 400 FT				AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 30 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 99 °F		VISIBILITY 10 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:48	
						TURNING:		00:00		00:00	
						TO DUMP:		00:00		11:33	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:16	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		10:23	
						TOTALS:		00:00		24:00	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 08/14/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						TO AND FROM WHARF OR ANCHORAGE:					
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						LOSS DUE TO NATURAL ELEMENTS:					
GALLONS OF FUEL OIL CONSUMED GAL 2,490						LOSS DUE TO TRAFFIC AND BRIDGES					
GALLONS OF WATER CONSUMED GAL 561						MINOR OPERATING REPAIRS					
WORK PERFORMED						TRANSFERRING BETWEEN WORKS					
DREDGING AND HAULING				AGITATING		LAY TIME:					
NO.OF LOADS 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:					
						MISCELLANEOUS					
						TOTALS					
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS					
						CESSATION:					
						COLLISIONS:					
						TOTALS:					
						TOTAL TIME/MILES:					
						00:00 24:00 0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 241 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 121					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/06/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 936,803						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 78 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:38		0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0				
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:17		0.0				
					CONNECTING:		00:00		00:00		0.0				
AVERAGE SPEED OF DREDGE DURING LOADING			FT/MIN		0		DUMPING:		00:00		00:16		0.0		
AVERAGE SPEED OF DREDGE DURING AGITATING			FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF FUEL OIL CONSUMED			GAL		2,457		TO CUT:		00:00		10:49		0.0		
GALLONS OF WATER CONSUMED			GAL		748		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 5		TOTAL CYS 13,175		DISPOSAL AREA Mobile Site 102		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	
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 243 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 122						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/07/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 947,343							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 78 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:49		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:36		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,913		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		748		TO CUT:		00:00		10:19		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		
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 244 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 122	
					DATE 09/07/2019	
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	760+00 to 820+00	00:00	5	168	177	
	Mobile Site 102	00:05	0	4	2,635	
				0	0	
2	760+00 to 820+00	02:57	24	171	348	
	Mobile Site 102	03:21	0	4	2,635	
				149	0	
3	760+00 to 820+00	08:45	26	163	355	
	Mobile Site 102	09:11	0	4	2,635	
				162	0	
4	760+00 to 820+00	14:40	24	182	380	
	Mobile Site 102	15:04	0	4	2,635	
				170	0	
5	760+00 to 820+00	21:00	30	12	180	
	Mobile Site 102	21:30	0	0	0	
				138	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 245 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 123	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/08/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 957,883		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 97 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:28	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:26	
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		00:42	
GALLONS OF FUEL OIL CONSUMED		GAL		2,935		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:17	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 247 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 124						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/09/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 968,423							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 85 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:42		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:31		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,447		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		10:31		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 10,540		DISPOSAL AREA Mobile Site 102		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		
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 249 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 125			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/10/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 978,963				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 85 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		02:01		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:10		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:25		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,267		TO CUT:		00:00		10:08		0.0	
GALLONS OF WATER CONSUMED		GAL		935		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		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		0.0	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		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 251 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 126	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/11/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 989,503		
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 85 °F / 97 °F		VISIBILITY 10 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:28	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:19	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		1,870		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:		00:00		10:27	
						TOTALS:		00:00		23:30	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:30	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 253 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 127						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/12/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,000,043							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 76 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:54		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:27		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING					FT/MIN		0		DUMPING:		00:00		00:52		0.0	
GALLONS OF FUEL OIL CONSUMED					GAL		2,288		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		374		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		
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 255 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 128			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/13/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,010,583				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 77 °F / 98 °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		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:46		0.0	
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:12		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 3,626					DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED GAL 748					TO CUT:		00:00		10:46		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		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 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge				REPORT NO. 128
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	760+00 to 820+00	00:00	28	167	249	
	Mobile Site 102	00:28	0	4	2,635	
				50	0	
2	760+00 to 820+00	04:09	30	171	359	
	Mobile Site 102	04:39	0	4	2,635	
				154	0	
3	760+00 to 820+00	10:08	23	166	340	
	Mobile Site 102	10:31	0	4	2,635	
				147	0	
4	760+00 to 820+00	15:48	25	168	350	
	Mobile Site 102	16:13	0	4	2,635	
				153	0	
5	760+00 to 820+00	21:38	0	0	142	
	Mobile Site 102	21:38	0	0	0	
				142	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE			DATE	SUPERINTENDENT'S INITIALS	DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 257 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 129						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/14/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,021,123							
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:40		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:32		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,468		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		10:32		0.0	
					TOTALS:		00:00		24:00		0.0					
NON-EFFECTIVE WORKING TIME:																
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0					
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0				
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		
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 259 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 130			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/15/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,031,663				
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 97 °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		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:44		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:25		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,123		TO CUT:		00:00		10:35		0.0	
GALLONS OF WATER CONSUMED		GAL		561		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 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		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		
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 261 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 131					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/16/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,036,933						
		AVG LENGTH OF CUT 400 FT			AVG WIDTH OF CUT 6000 FT			AVG DIST TO DUMP 30 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 75 °F / 95 °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		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:10		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		06:04		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		1,805		TO CUT:		00:00		05:40		0.0			
GALLONS OF WATER CONSUMED		GAL		2,007		TOTALS:		00:00		13:10		0.0			
WORK PERFORMED					NON-EFFECTIVE WORKING TIME:										
					TAKING ON FUEL AND SUPPLIES		00:00		06:52		0.0				
DREDGING AND HAULING					AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		01:48		0.0		
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:20		0.0	
								MINOR OPERATING REPAIRS		00:00		01:50		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	
Crewboat		Cape Anne		400		12:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		10:50		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 262 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge				REPORT NO. 131
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	760+00 to 820+00	00:00	21	172	197	
	Mobile Site 102	00:21	0	4	2,635	
				0	0	
2	760+00 to 820+00	03:17	25	164	383	
	Mobile Site 102	03:42	0	4	2,635	
				190	0	
3	760+00 to 820+00	20:30	24	28	210	
	Mobile Site 102	21:02	8	0	0	
				150	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE			DATE	SUPERINTENDENT'S INITIALS	DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 263 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 132	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 09/17/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 760+00 to 820+00 and 320+00 to 360+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,047,473	
		AVG LENGTH OF CUT 400 FT				AVG WIDTH OF CUT 6000 FT				AVG DIST TO DUMP 30 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 75 °F / 95 °F		VISIBILITY 10 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:16	
						TURNING:		00:00		00:00	
						TO DUMP:		00:00		11:51	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:16	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		10:17	
						TOTALS:		00:00		23:40	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 08/14/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						TO AND FROM WHARF OR ANCHORAGE:					
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						LOSS DUE TO NATURAL ELEMENTS:					
GALLONS OF FUEL OIL CONSUMED GAL 3,699						LOSS DUE TO TRAFFIC AND BRIDGES					
GALLONS OF WATER CONSUMED GAL 748						MINOR OPERATING REPAIRS					
WORK PERFORMED						TRANSFERRING BETWEEN WORKS					
DREDGING AND HAULING				AGITATING		LAY TIME:					
NO.OF LOADS 5	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:					
						MISCELLANEOUS					
						TOTALS					
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS					
						CESSATION:					
						COLLISIONS:					
						TOTALS:					
						TOTAL TIME/MILES:					

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 265 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 133	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/18/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,058,013		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 92 °F		VISIBILITY 10 MI		WIND 15/W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:43	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:40	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		1,520		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:57	
						TOTALS:		00:00		23:32	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 266 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 133	
					DATE 09/18/2019	
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 320+00 to 360+00	00:00	25	207	310	
	Mobile Site 102	00:25	0	4	2,635	
				74	0	
2	Sta 320+00 to 360+00	05:10	26	214	454	
	Mobile Site 102	05:36	0	4	2,635	
				210	0	
3	Sta 320+00 to 360+00	12:44	28	214	434	
	Mobile Site 102	13:12	0	4	2,635	
				188	0	
4	Sta 320+00 to 360+00	20:26	24	5	214	
	Mobile Site 102	20:50	0	0	2,635	
				185	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 267 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 134	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/19/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,068,553		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 77 °F / 89 °F		VISIBILITY 10 MI		WIND 20E MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:23	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:54	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		1,520		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		74		TO CUT:		00:00		10:08	
						TOTALS:		00:00		23:37	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 268 of 463		
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.		
DREDGE		NAME AND TYPE Columbia Hopper Dredge				REPORT NO. 134	
DATE 09/19/2019							
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 320+00 to 360+00	00:00	0	207	211		
	Mobile Site 102	00:00	0	4	2,635		
				0	0		
2	Sta 320+00 to 360+00	03:31	26	202	446		
	Mobile Site 102	03:57	0	4	2,635		
				214	0		
3	Sta 320+00 to 360+00	10:57	24	209	440		
	Mobile Site 102	11:21	0	4	2,635		
				203	0		
4	Sta 320+00 to 360+00	18:40	33	96	320		
	Mobile Site 102	19:13	0	0	2,635		
				191	0		
QC NARRATIVE(S)							
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.					
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 269 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 135	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/20/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,079,093		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 75 °F / 85 °F		VISIBILITY 10 MI		WIND 30/E MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		00:54	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:02	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,336		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		07:48	
						TOTALS:		00:00		17:56	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 270 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 135	
					DATE 09/20/2019	
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 320+00 to 360+00	00:00	0	126	130	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 320+00 to 360+00	02:10	26	203	431	
	Mobile Site 102	02:36	0	4	2,635	
				198	0	
3	Sta 320+00 to 360+00	09:21	28	213	454	
	Mobile Site 102	09:49	0	4	2,635	
				209	0	
4	Sta 320+00 to 360+00	16:55	0	0	61	
	Mobile Site 102	16:55	0	0	2,635	
				61	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 271 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 136			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/21/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA No dredging due to rough seas			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,079,093				
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 88 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 75 °F / 85 °F		VISIBILITY 10 MI		WIND 20/E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		00:00		0.0	
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0		
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		00:00		0.0		
AVERAGE SPEED OF DREDGE DURING LOADING				FT/MIN		0		CONNECTING:		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING				FT/MIN		0		DUMPING:		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED				GAL		2,336		DISCONNECTING:		00:00		0.0	
GALLONS OF WATER CONSUMED				GAL		748		TO CUT:		00:00		0.0	
					TOTALS:		00:00		00:00		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		24:00		0.0	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
						MINOR OPERATING REPAIRS		00:00		00:00		0.0	
						TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
ATTENDANT PLANT					LAY TIME:		00:00		00:00		0.0		
ITEM	NAME OR NUMBER		H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00		0.0		
Crewboat	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 273 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 137	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/22/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA No dredging due to rough seas			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,086,998		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		88 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 73 °F / 89 °F		VISIBILITY 10 MI		WIND 15/E MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:26	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		08:28	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,278		TO CUT:		00:00		08:58	
GALLONS OF WATER CONSUMED		GAL		374		TOTALS:		00:00		19:00	
						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 3	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		05:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	12:00		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		05:00	
						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 274 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 137	
					DATE 09/22/2019	
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 320+00 to 360+00	05:00	29	205	372	
	Mobile Site 102	05:29	0	4	2,635	
				134	0	
2	Sta 320+00 to 360+00	11:12	26	209	449	
	Mobile Site 102	11:38	0	4	2,635	
				210	0	
3	Sta 320+00 to 360+00	18:41	31	94	319	
	Mobile Site 102	19:12	0	0	2,635	
				194	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 275 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 138						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/23/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA No dredging due to rough seas			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,097,538							
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 76 °F / 84 °F		VISIBILITY 10 MI		WIND 10/E MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:20		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		12:29		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,910		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		748		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		
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 276 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 138	
					DATE 09/23/2019	
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 320+00 to 360+00	00:00	0	127	131	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 320+00 to 360+00	02:11	29	211	438	
	Mobile Site 102	02:40	0	4	2,635	
				194	0	
3	Sta 320+00 to 360+00	09:29	21	193	426	
	Mobile Site 102	09:50	0	4	2,635	
				208	0	
4	Sta 320+00 to 360+00	16:35	30	218	445	
	Mobile Site 102	17:05	0	0	2,635	
				197	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 277 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 139	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/24/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA No dredging due to rough seas			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 13,175 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,110,713		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 64 °F / 81 °F		VISIBILITY 10 MI		WIND 10/W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:18	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:39	
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		00:42	
GALLONS OF FUEL OIL CONSUMED		GAL		2,691		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		11:21	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5	TOTAL CYS 13,175	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	12:00	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 279 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 140	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/25/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,121,253		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 80 °F / 85 °F		VISIBILITY 10 MI		WIND 15/W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:54	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:23	
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		03:17	
GALLONS OF FUEL OIL CONSUMED		GAL		2,526		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		08:01	
						TOTALS:		00:00		23:35	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 281 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 141	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 09/26/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,131,793		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 81 °F / 85 °F		VISIBILITY 10 MI		WIND 10/W MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:28	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:05	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:48	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,400		TO CUT:		00:00		09:27	
GALLONS OF WATER CONSUMED		GAL		561		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	12:00		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 283 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 142						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/27/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,142,333							
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 65 °F / 86 °F		VISIBILITY 10 MI		WIND 10/W MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:22		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:46		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		3,006		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		10:36		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 10,540		DISPOSAL AREA Mobile Site 102		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		
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 285 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 143	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/28/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,152,873		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 82 °F / 86 °F		VISIBILITY 10 MI		WIND 13/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:47	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:43	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,985		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		11:18	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 286 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.		REPORT NO. 143
DREDGE		NAME AND TYPE Columbia Hopper Dredge			DATE 09/28/2019	
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 320+00 to 360+00	00:00	26	209	354	
	Mobile Site 102	00:26	0	4	2,635	
				115	0	
2	Sta 320+00 to 360+00	05:54	29	211	430	
	Mobile Site 102	06:23	0	4	2,635	
				186	0	
3	Sta 320+00 to 360+00	13:04	26	204	419	
	Mobile Site 102	13:30	0	4	2,635	
				185	0	
4	Sta 320+00 to 360+00	20:03	26	19	237	
	Mobile Site 102	20:29	0	0	2,635	
				192	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 287 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 144	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/29/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,163,413		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 76 °F / 86 °F		VISIBILITY 10 MI		WIND 15/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:29	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:45	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,492		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		09:34	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 288 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 144	
					DATE 09/29/2019	
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 320+00 to 360+00	00:00	0	193	197	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 320+00 to 360+00	03:17	32	210	442	
	Mobile Site 102	03:49	0	4	2,635	
				196	0	
3	Sta 320+00 to 360+00	10:39	29	206	428	
	Mobile Site 102	11:08	0	4	2,635	
				189	0	
4	Sta 320+00 to 360+00	17:47	28	156	373	
	Mobile Site 102	18:15	0	0	2,635	
				189	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 289 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 145	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 09/30/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,173,953		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 89 °F		VISIBILITY 10 MI		WIND 10/E MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:36	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:36	
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		00:37	
GALLONS OF FUEL OIL CONSUMED		GAL		2,990		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,309		TO CUT:		00:00		09:57	
						TOTALS:		00:00		23:46	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 291 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 146						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/01/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,184,493							
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 78 °F / 87 °F		VISIBILITY 10 MI		WIND 11/S MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:19		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		10:24		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		3,315		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		11:53		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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		00:12		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		
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 293 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 147	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/02/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,192,398		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 30 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 95 °F		VISIBILITY 10 MI		WIND 11/S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:40	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:57	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		3,315		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		11:11	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		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 294 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 147	
		DATE 10/02/2019				
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 320+00 to 360+00	00:00	26	220	307	
	Mobile Site 102	00:26	0	4	2,635	
				57	0	
2	Sta 320+00 to 360+00	05:07	29	210	463	
	Mobile Site 102	05:36	0	4	2,635	
				220	0	
3	Sta 320+00 to 360+00	12:50	21	216	453	
	Mobile Site 102	13:11	0	4	2,635	
				212	0	
4	Sta 320+00 to 360+00	20:23	24	11	217	
	Mobile Site 102	20:47	0	0	0	
				182	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 295 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 148	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/03/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,200,303	
		AVG LENGTH OF CUT 4000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 30 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 78 °F / 95 °F		VISIBILITY 10 MI		WIND 11/S MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:30	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:08	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:44	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,454		TO CUT:		00:00		10:38	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	12:00	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 296 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 148	
		DATE 10/03/2019				
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 320+00 to 360+00	00:00	0	204	208	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 320+00 to 360+00	03:28	30	196	438	
	Mobile Site 102	03:58	0	4	2,635	
				208	0	
3	Sta 320+00 to 360+00	10:46	27	239	516	
	Mobile Site 102	11:13	0	36	2,635	
				214	0	
4	Sta 320+00 to 360+00	19:22	33	29	278	
	Mobile Site 102	19:55	0	0	0	
				216	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 297 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 149			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/04/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 320+00 to 360+00 and 256+00 to 276+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 2,635 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,202,938				
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 39 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		86 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 82 °F / 98 °F		VISIBILITY 10 MI		WIND 11/S MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		00:39		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:10		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		04:13		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:04		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,504		TO CUT:		00:00		04:13		0.0	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		09:19		0.0	
					NON-EFFECTIVE WORKING TIME:								
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00		04:30		0.0		
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		03:01		0.0	
NO.OF LOADS 2		TOTAL CYS 2,635		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		18:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 299 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 150	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/05/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 256+00 to 276+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,210,843	
		AVG LENGTH OF CUT 4000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 39 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 7 °F / 95 °F		VISIBILITY 10 MI		WIND 11/N MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:45	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:10	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:54	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,000		TO CUT:		00:00		11:01	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		23:02	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:10	
						MINOR OPERATING REPAIRS		00:00		00:48	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	18:00	MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:58	
						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 300 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 150	
					DATE 10/05/2019	
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 256+00 to 276+00	00:00	0	175	179	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 256+00 to 276+00	02:59	45	200	502	
	Mobile Site 102	03:54	10	4	2,635	
				243	0	
3	Sta 256+00 to 276+00	11:31	36	219	481	
	Mobile Site 102	12:07	0	4	2,635	
				222	0	
4	Sta 256+00 to 276+00	19:32	24	0	220	
	Mobile Site 102	19:56	0	0	0	
				196	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 301 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 151					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/06/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 256+00 to 276+00 and 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,218,748						
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 39 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 92 °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		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:33		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:08		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		00:12		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,763		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		10:59		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		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	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:00		0.0	
					LOST TIME:										
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 303 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 152			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/07/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 256+00 to 276+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,226,653				
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 39 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
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		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:32		0.0	
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:10		0.0		
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:11		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 3,059					DISCONNECTING:		00:00		00:00		0.0		
GALLONS OF WATER CONSUMED GAL 748					TO CUT:		00:00		10:55		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		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 304 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 152	
					DATE 10/07/2019	
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 256+00 to 276+00	00:00	0	206	210	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 256+00 to 276+00	03:30	37	205	470	
	Mobile Site 102	04:17	10	4	2,635	
				214	0	
3	Sta 256+00 to 276+00	11:20	25	209	467	
	Mobile Site 102	11:45	0	4	2,635	
				229	0	
4	Sta 256+00 to 276+00	19:07	30	51	293	
	Mobile Site 102	19:37	0	0	0	
				212	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 305 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 153			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/08/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 256+00 to 276+00 and 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,234,558				
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 39 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		86 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 70 °F / 88 °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		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:33		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:20		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:05		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:46		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		3,242		TO CUT:		00:00		10:51		0.0	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		23:35		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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		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		
Crewboat	Cape Anne		400	24:00	MISCELLANEOUS		00:00		00:25		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					PAGE NO. Page 306 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 153	
					DATE 10/08/2019	
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 360+00 to 420+00	00:00	0	170	174	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 256+00 to 276+00	02:54	40	216	479	
	Mobile Site 102	03:44	10	4	2,635	
				209	0	
3	Sta 256+00 to 276+00	11:18	23	219	513	
	Mobile Site 102	11:41	0	38	2,635	
				233	0	
4	Sta 256+00 to 276+00	19:51	30	0	249	
	Mobile Site 102	20:31	10	0	0	
				209	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 307 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 154	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/09/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 256+00 to 276+00 and 360+00 to 420+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
		AVG LENGTH OF CUT 4000 FT		AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 39 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 88 °F		VISIBILITY 10 MI		WIND 9 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:46	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:10	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:02	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:38	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,751		TO CUT:		00:00		10:24	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 309 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 155	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/10/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,250,368	
		AVG LENGTH OF CUT 4000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 88 °F		VISIBILITY 10 MI		WIND 15 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:33	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:08	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,864		TO CUT:		00:00		10:07	
GALLONS OF WATER CONSUMED		GAL		1,122		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 311 of 463									
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 156									
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 10/11/2019											
DREDGE Columbia Hopper Dredge		HOPPER CAP:		4387 CY		AVG VOL OF BIN WATER:		0 CY		AVG UNFILLED CAP:		0 CY							
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK							
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA				DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)							
		Mobile Bay		360+00 to 420+00				Mobile Site 102 -SW		7,905		1,258,273							
		AVG LENGTH OF CUT				4000 FT				AVG WIDTH OF CUT				400 FT		AVG DIST TO DUMP		36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS								1250		GMS/LITER		1250					
		DENSITY OF WATER								1006		GMS/LITER@		86 °F					
RIVER/TIDE STAGE		MIN		0.00		TIME		00:00		MAX		0.00		TIME		00:00		GAGE LOCATION	
		MIN		0.00		TIME		00:00		MAX		0.00		TIME		00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 70 °F / 88 °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		9		16		EFFECTIVE WORKING TIME:													
AFT		9		15		PUMPING:		00:00		01:24		0.0							
DRAG DEPTH MAX 0 MIN 0						TURNING:		00:00		00:00		0.0							
INDICATORS LAST CHECKED ON 08/14/2019						TO DUMP:		00:00		11:59		0.0							
AVERAGE SPEED OF DREDGE DURING LOADING						FT/MIN				00:00		0.0							
AVERAGE SPEED OF DREDGE DURING AGITATING						FT/MIN				00:00		0.0							
GALLONS OF FUEL OIL CONSUMED						GAL				10:25		0.0							
GALLONS OF WATER CONSUMED						GAL				24:00		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							
4	7,905	Mobile Site 102		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							
Crewboat	Cape Anne		400	24:00		MISCELLANEOUS		00:00		00:00		0.0							
						TOTALS		00:00		00:00		0.0							
LOST TIME:																			
MAJOR REPAIRS AND ALTERNATIONS						00:00		00:00		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 312 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge				REPORT NO. 156
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 360+00 to 420+00	00:00	0	127	131	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 360+00 to 420+00	02:11	27	216	459	
	Mobile Site 102	02:38	0	4	2,635	
				212	0	
3	Sta 360+00 to 420+00	09:50	25	211	449	
	Mobile Site 102	10:15	0	4	2,635	
				209	0	
4	Sta 360+00 to 420+00	17:19	32	165	401	
	Mobile Site 102	17:51	0	0	0	
				204	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE			DATE	SUPERINTENDENT'S INITIALS	DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 313 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 157	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/12/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,268,813		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 66 °F / 74 °F		VISIBILITY 10 MI		WIND 17 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:12	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:20	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		2,471		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		374		TO CUT:		00:00		11:12	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 315 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 158	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/13/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,274,083		
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		86 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 66 °F / 81 °F		VISIBILITY 10 MI		WIND 17 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:25	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:24	
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		00:08	
GALLONS OF FUEL OIL CONSUMED		GAL		1,646		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:		00:00		08:31	
						TOTALS:		00:00		19:28	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 317 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 159						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/14/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,281,988							
		AVG LENGTH OF CUT 4000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 86 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 72 °F / 83 °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		9		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		01:22		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:42		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,874		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		561		TO CUT:		00:00		10:40		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 5		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		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		
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0		
								TOTALS		00:00		00:00		0.0		
					LOST TIME:											
					MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0					
					CESSATION:		00:00		00:00		0.0					
					COLLISIONS:		00:00		00:00		0.0					
					TOTALS:		00:00		00:00		0.0					
					TOTAL TIME/MILES:		00:00		24:00		0.0					

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 319 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 160	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/15/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,292,528		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		79 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 65 °F / 75 °F		VISIBILITY 10 MI		WIND 13/SW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:30	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:43	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,841		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		11:35	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 320 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 160	
		DATE 10/15/2019				
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 360+00 to 420+00	00:00	25	208	352	
	Mobile Site 102	00:25	0	4	2,635	
				115	0	
2	Sta 360+00 to 420+00	05:52	28	222	466	
	Mobile Site 102	06:20	0	4	2,635	
				212	0	
3	Sta 360+00 to 420+00	13:38	25	213	426	
	Mobile Site 102	14:03	0	4	2,635	
				184	0	
4	Sta 360+00 to 420+00	20:44	12	0	196	
	Mobile Site 102	20:56	0	0	2,635	
				184	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 321 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 161	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/16/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,303,068	
		AVG LENGTH OF CUT 6000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 79 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 68 °F / 78 °F		VISIBILITY 10 MI		WIND 16/NW MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:43	
						TURNING:		00:00		00:00	
						TO DUMP:		00:00		12:13	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:12	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		09:52	
						TOTALS:		00:00		24:00	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 08/14/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						TO AND FROM WHARF OR ANCHORAGE:					
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						LOSS DUE TO NATURAL ELEMENTS:					
GALLONS OF FUEL OIL CONSUMED GAL 2,530						LOSS DUE TO TRAFFIC AND BRIDGES					
GALLONS OF WATER CONSUMED GAL 748						MINOR OPERATING REPAIRS					
WORK PERFORMED						TRANSFERRING BETWEEN WORKS					
DREDGING AND HAULING				AGITATING		LAY TIME:					
NO.OF LOADS 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:					
						MISCELLANEOUS					
						TOTALS					
						LOST TIME:					
						MAJOR REPAIRS AND ALTERNATIONS					
						CESSATION:					
						COLLISIONS:					
						TOTALS:					
						TOTAL TIME/MILES:					

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 322 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 161	
					DATE 10/16/2019	
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 360+00 to 420+00	00:00	12	203	219	
	Mobile Site 102	00:12	0	4	2,635	
				0	0	
2	Sta 360+00 to 420+00	03:39	29	207	439	
	Mobile Site 102	04:08	0	4	2,635	
				199	0	
3	Sta 360+00 to 420+00	10:58	33	250	488	
	Mobile Site 102	11:31	0	4	2,635	
				201	0	
4	Sta 360+00 to 420+00	19:06	29	73	294	
	Mobile Site 102	19:35	0	0	2,635	
				192	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 323 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 162	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/17/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,313,608		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		79 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 58 °F / 72 °F		VISIBILITY 10 MI		WIND 24/NE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:21	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		12:20	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,984		TO CUT:		00:00		10:07	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 324 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 162	
		DATE 10/17/2019				
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 360+00 to 420+00	00:00	0	136	140	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 360+00 to 420+00	02:20	28	204	445	
	Mobile Site 102	02:48	0	4	2,635	
				209	0	
3	Sta 360+00 to 420+00	09:45	23	211	454	
	Mobile Site 102	10:08	0	4	2,635	
				216	0	
4	Sta 360+00 to 420+00	17:19	30	189	401	
	Mobile Site 102	17:49	0	0	2,635	
				182	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 325 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 163	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/18/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,324,148		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		79 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 61 °F / 66 °F		VISIBILITY 10 MI		WIND 30/N MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		00:52	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		07:11	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,867		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:17	
						TOTALS:		00:00		18:32	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 327 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 164	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/19/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,324,148		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		77 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 62 °F / 75 °F		VISIBILITY 10 MI		WIND 30/NE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		00:00	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		00:00	
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		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		600		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		500		TO CUT:		00:00		00:25	
						TOTALS:		00:00		00:25	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		02:29	
NO.OF LOADS 1		TOTAL CYS 0		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 328 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge				REPORT NO. 164
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 360+00 to 420+00	00:00	0	0	25	
	Mobile Site 102	00:00	0	0	0	
				25	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 329 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 165	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/20/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,334,688		
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		75 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 68 °F / 78 °F		VISIBILITY 10 MI		WIND 15/E MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:52	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:30	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,440		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		248		TO CUT:		00:00		11:26	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 331 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 166					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/21/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 360+00 to 420+00 and 400+00 to 450+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,345,228						
		AVG LENGTH OF CUT 6000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 75 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 65 °F / 80 °F		VISIBILITY 10 MI		WIND 10/SW MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		9		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:25		0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0				
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		11:16		0.0				
					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		2,206		TO CUT:		00:00		10:42		0.0		
GALLONS OF WATER CONSUMED			GAL		748		TOTALS:		00:00		23:35		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 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	
Crewboat		Cape Anne		400		24:00		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					PAGE NO. Page 332 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 166	
					DATE 10/21/2019	
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 360+00 to 420+00	00:00	0	191	195	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 360+00 to 420+00	03:15	29	193	432	
	Mobile Site 102	03:44	0	4	2,635	
				206	0	
3	Sta 360+00 to 420+00	10:27	25	206	460	
	Mobile Site 102	10:52	0	4	2,635	
				225	0	
4	400+00 to 450+00	18:07	31	86	328	
	Mobile Site 102	18:38	0	0	2,635	
				211	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 333 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 167	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/22/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,353,133	
		AVG LENGTH OF CUT 5000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 74 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 63 °F / 76 °F		VISIBILITY 10 MI		WIND 20/N MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		9		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:22	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:53	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,413		TO CUT:		00:00		10:33	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 335 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 168			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/23/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 256+00 to 276+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,363,673				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 54 °F / 71 °F		VISIBILITY 10 MI		WIND 20/E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:15		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:11		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:43		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:16		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,988		TO CUT:		00:00		11:35		0.0	
GALLONS OF WATER CONSUMED		GAL		1,122		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 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 337 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 169			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/24/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,371,578				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 51 °F / 69 °F		VISIBILITY 10 MI		WIND 15/NE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:23		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:43		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:51		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,477		TO CUT:		00:00		10:56		0.0	
GALLONS OF WATER CONSUMED		GAL		561		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 338 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 169	
					DATE 10/24/2019	
LOADS						
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)	
1	400+00 to 450+00	00:00	30	214	401	
	Mobile Site 102	00:30	0	43	2,635	
				114	0	
2	Sta 245+00 to 267+00	06:41	29	204	502	
	Mobile Site 102	07:17	7	4	2,635	
				258	0	
3	Sta 245+00 to 267+00	15:03	24	225	460	
	Mobile Site 102	15:27	0	4	2,635	
				207	0	
4	400+00 to 450+00	22:43	0	0	77	
	Mobile Site 102	22:43	0	0	0	
				77	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 339 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 170			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/25/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,376,848				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		73 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 64 °F / 77 °F		VISIBILITY 10 MI		WIND 25/E MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		9		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		00:57		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		07:08		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,549		TO CUT:		00:00		08:11		0.0	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		16:32		0.0	
					NON-EFFECTIVE WORKING TIME:								
WORK PERFORMED					TAKING ON FUEL AND SUPPLIES		00:00		00:00		0.0		
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0	
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		07:28	
								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	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00	
								TOTALS		00:00		07:28	
								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 341 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 171					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/26/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 0 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,376,848						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		73 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 60 °F / 80 °F		VISIBILITY 10 MI		WIND 35/SE MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		00:00		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DUMPING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		500		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF WATER CONSUMED		GAL		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			
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00		0.0			
NO.OF LOADS		TOTAL CYS		DISPOSAL AREA		TOTAL CYS		LOSS DUE TO NATURAL ELEMENTS:		00:00		24:00		0.0	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00		0.0	
								MINOR OPERATING REPAIRS		00:00		00:00		0.0	
								TRANSFERRING BETWEEN WORKS		00:00		00:00		0.0	
								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	
Crewboat		Cape Anne		400		24:00		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 343 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 172	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/27/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,382,118		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		72 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 62 °F / 76 °F		VISIBILITY 10 MI		WIND 20/N MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:33	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		06:53	
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		00:08	
GALLONS OF FUEL OIL CONSUMED		GAL		1,961		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		07:15	
						TOTALS:		00:00		15:49	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		08:11	
						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.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		08:11	
						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 345 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 173					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/28/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,390,023						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		72 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 61 °F / 77 °F		VISIBILITY 10 MI		WIND 15/E MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:30		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:48		0.0			
						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		2,899		TO CUT:		00:00		10:23		0.0			
GALLONS OF WATER CONSUMED		GAL		935		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 7,905		DISPOSAL AREA Mobile Site 102		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	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:00		0.0	
LOST TIME:															
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 347 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 174					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/29/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,400,563						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 72 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 65 °F / 75 °F		VISIBILITY 10 MI		WIND 15/E MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:27		0.0			
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:00		0.0				
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		12:24		0.0				
					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		2,681		TO CUT:		00:00		09:57		0.0	
GALLONS OF WATER CONSUMED				GAL		748		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		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	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:00		0.0	
					LOST TIME:										
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 348 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 174	
		DATE 10/29/2019				
LOADS						
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)	
1	400+00 to 450+00	00:00	0	125	129	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	400+00 to 450+00	02:09	30	198	442	
	Mobile Site 102	02:39	0	4	2,635	
				210	0	
3	400+00 to 450+00	09:31	30	206	447	
	Mobile Site 102	10:01	0	4	2,635	
				207	0	
4	400+00 to 450+00	16:58	27	215	422	
	Mobile Site 102	17:25	0	0	2,635	
				180	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE		

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 349 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 175	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 10/30/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540	
		AVG LENGTH OF CUT 5000 FT		AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 68 °F / 78 °F		VISIBILITY 1 MI		WIND 25/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:31	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:39	
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		00:16	
GALLONS OF FUEL OIL CONSUMED		GAL		2,764		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:		00:00		11:34	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 5		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 351 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 176			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 10/31/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 400+00 to 450+00 and 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,421,643				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		71 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 43 °F / 79 °F		VISIBILITY MI		WIND 25/SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:19		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:02		0.0	
						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		2,906		TO CUT:		00:00		11:51		0.0	
GALLONS OF WATER CONSUMED		GAL		374		TOTALS:		00:00		23:24		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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		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		00:36		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		
Crewboat	Cape Anne		400	24:00	MISCELLANEOUS		00:00		00:00		0.0		
					TOTALS		00:00		00:36		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 352 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 176	
		DATE 10/31/2019				
LOADS						
LOAD NUMBER	DREDGING AREA DISPOSAL AREA	START TIME STOP TIME (HH:MM)	PUMPING TURNING (MIN)	TO DUMP DUMPING TO CUT (MIN)	TOTAL TIME DREDGED AMOUNT AGITATED AMOUNT (MIN/CYS)	
1	400+00 to 450+00	00:00	20	183	322	
	Mobile Site 102	00:20	0	4	2,635	
				115	0	
2	Sta 245+00 to 267+00	05:22	31	197	452	
	Mobile Site 102	05:53	0	4	2,635	
				220	0	
3	Sta 245+00 to 267+00	12:54	28	222	487	
	Mobile Site 102	13:22	0	4	2,635	
				233	0	
4	Sta 245+00 to 267+00	21:01	0	0	143	
	Mobile Site 102	21:01	0	0	2,635	
				143	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 353 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 177			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/01/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,429,548				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 71 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 40 °F / 62 °F		VISIBILITY MI		WIND 25/SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:26		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:58		0.0	
						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		2,906		TO CUT:		00:00		10:51		0.0	
GALLONS OF WATER CONSUMED		GAL		374		TOTALS:		00:00		23:27		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 354 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 177	
					DATE 11/01/2019	
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 245+00 to 267+00	00:00	21	220	298	
	Mobile Site 102	00:21	0	4	2,635	
				53	0	
2	Sta 245+00 to 267+00	04:58	33	210	472	
	Mobile Site 102	05:31	0	4	0	
				225	0	
3	Sta 245+00 to 267+00	12:50	32	228	482	
	Mobile Site 102	13:22	0	4	2,635	
				218	0	
4	Sta 245+00 to 267+00	20:52	0	0	155	
	Mobile Site 102	20:52	0	0	2,635	
				155	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 355 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 178	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/02/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,437,453		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 44 °F / 67 °F		VISIBILITY MI		WIND 15/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:35	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:54	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,993		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:38	
						TOTALS:		00:00		23:19	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 357 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 179			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/03/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,447,993				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 71 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 40 °F / 68 °F		VISIBILITY MI		WIND 15/SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		02:41		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:40		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:56		0.0	
						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		2,491		TO CUT:		00:00		09:36		0.0	
GALLONS OF WATER CONSUMED		GAL		561		TOTALS:		00:00		23:05		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 358 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 179	
		DATE 11/03/2019				
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 245+00 to 267+00	00:00	29	159	256	
	Mobile Site 102	00:29	0	4	2,635	
				64	0	
2	Sta 245+00 to 267+00	04:16	94	214	547	
	Mobile Site 102	06:10	20	4	2,635	
				215	0	
3	Sta 245+00 to 267+00	14:18	38	223	495	
	Mobile Site 102	15:16	20	4	2,635	
				210	0	
4	Sta 245+00 to 267+00	22:33	0	0	87	
	Mobile Site 102	22:33	0	0	2,635	
				87	0	
QC NARRATIVE(S) GENERAL COMMENTS Columbia stopped pumping load #546 at 09:38, lost half load (1394 tons) from 09:45 to 09:54, returned to top off load, and underway again at 10:40 resulting in 55 minutes of lost time. Survey conducted at 200' intervals of area, which showed no signs of deposits of material lost.						
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 359 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 180	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/04/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,455,898		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 46 °F / 73 °F		VISIBILITY MI		WIND 4/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:40	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:47	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		08:01	
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		00:08	
GALLONS OF FUEL OIL CONSUMED		GAL		2,506		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		08:53	
						TOTALS:		00:00		20:29	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 3		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 361 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 181			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/05/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,466,438				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 71 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 43 °F / 75 °F		VISIBILITY MI		WIND 4/SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		02:04		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:40		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:30		0.0	
						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		2,964		TO CUT:		00:00		10:34		0.0	
GALLONS OF WATER CONSUMED		GAL		748		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 4		TOTAL CYS 10,540		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 362 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 181	
		DATE 11/05/2019				
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 245+00 to 267+00	00:00	0	166	170	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	02:50	40	223	487	
	Mobile Site 102	03:43	13	4	2,635	
				207	0	
3	Sta 245+00 to 267+00	10:57	38	217	495	
	Mobile Site 102	11:47	12	4	2,635	
				224	0	
4	Sta 245+00 to 267+00	19:12	46	24	288	
	Mobile Site 102	20:13	15	0	2,635	
				203	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 363 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 182	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/06/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,476,978		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 45 °F / 74 °F		VISIBILITY MI		WIND 4/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:13	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:40	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:33	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,496		TO CUT:		00:00		10:22	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 365 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 183	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/07/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,487,518		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 66 °F / 81 °F		VISIBILITY MI		WIND 4/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:09	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:30	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:50	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,810		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:19	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		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 366 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 183	
					DATE 11/07/2019	
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 245+00 to 267+00	00:00	6	217	227	
	Mobile Site 102	00:06	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	03:47	56	216	492	
	Mobile Site 102	04:58	15	4	2,635	
				201	0	
3	Sta 245+00 to 267+00	11:59	53	217	499	
	Mobile Site 102	13:07	15	4	2,635	
				210	0	
4	Sta 245+00 to 267+00	20:18	14	0	222	
	Mobile Site 102	20:32	0	0	2,635	
				208	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 367 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 184			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/08/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,495,423				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 71 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 43 °F / 74 °F		VISIBILITY MI		WIND 4/SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		02:41		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:36		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:54		0.0	
						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		2,994		TO CUT:		00:00		08:47		0.0	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		23:10		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 368 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 184	
					DATE 11/08/2019	
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 245+00 to 267+00	00:00	47	212	277	
	Mobile Site 102	01:01	14	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	04:37	59	223	515	
	Mobile Site 102	05:48	12	4	2,635	
				217	0	
3	Sta 245+00 to 267+00	14:02	55	219	500	
	Mobile Site 102	15:07	10	4	2,635	
				212	0	
4	Sta 245+00 to 267+00	22:22	0	0	98	
	Mobile Site 102	22:22	0	0	0	
				98	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 370 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 185	
					DATE 11/09/2019	
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 245+00 to 267+00	00:00	48	217	407	
	Mobile Site 102	01:00	12	4	2,635	
				126	0	
2	Sta 245+00 to 267+00	06:47	50	228	492	
	Mobile Site 102	07:49	12	4	2,635	
				198	0	
3	Sta 245+00 to 267+00	14:59	54	216	489	
	Mobile Site 102	16:05	12	4	2,635	
				203	0	
4	Sta 245+00 to 267+00	23:08	0	0	52	
	Mobile Site 102	23:08	0	0	0	
				52	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 371 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 186	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/10/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,511,233		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 42 °F / 73 °F		VISIBILITY MI		WIND 7/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:24	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:32	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:47	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,676		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:05	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 373 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 187	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/11/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,519,138		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 51 °F / 75 °F		VISIBILITY MI		WIND 7/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:22	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:39	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:04	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,695		TO CUT:		00:00		09:43	
GALLONS OF WATER CONSUMED		GAL		561		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 374 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 187	
					DATE 11/11/2019	
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 245+00 to 267+00	00:00	39	215	444	
	Mobile Site 102	00:51	12	4	2,635	
				174	0	
2	Sta 245+00 to 267+00	07:24	47	227	492	
	Mobile Site 102	08:23	12	4	2,635	
				202	0	
3	Sta 245+00 to 267+00	15:36	56	222	491	
	Mobile Site 102	16:47	15	4	2,635	
				194	0	
4	Sta 245+00 to 267+00	23:47	0	0	13	
	Mobile Site 102	23:47	0	0	0	
				13	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 375 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 188	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/12/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,524,408		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 32 °F / 72 °F		VISIBILITY 72 MI		WIND 28/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:43	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:40	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:04	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,742		TO CUT:		00:00		10:25	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		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 377 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 189	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/13/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,529,678		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 30 °F / 55 °F		VISIBILITY 72 MI		WIND 13/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:30	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:29	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		05:49	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,742		TO CUT:		00:00		06:54	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		14:50	
						NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		02:25	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		02:03	
NO.OF LOADS 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		01:10	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	MISCELLANEOUS		00:00		03:32	
						TOTALS		00:00		09:10	
						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 379 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 190			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/14/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,537,583				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250					
		DENSITY OF WATER			1006			GMS/LITER@ 71 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 46 °F / 55 °F		VISIBILITY 72 MI		WIND 10/SE MPH				
DRAFT					DISTRIBUTION OF TIME AND MILES RUN								
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		02:17		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:25		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:09		0.0	
						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		1,400		TO CUT:		00:00		10:57		0.0	
GALLONS OF WATER CONSUMED		GAL		350		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		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 381 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 191	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/15/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,545,488		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 37 °F / 55 °F		VISIBILITY 72 MI		WIND 8/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:16	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:25	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:12	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,986		TO CUT:		00:00		09:55	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		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 382 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 191	
		DATE 11/15/2019				
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 245+00 to 267+00	00:00	29	217	255	
	Mobile Site 102	00:34	5	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	04:15	60	225	542	
	Mobile Site 102	05:29	14	4	2,635	
				239	0	
3	Sta 245+00 to 267+00	13:17	47	230	487	
	Mobile Site 102	14:10	6	4	2,635	
				200	0	
4	Sta 245+00 to 267+00	21:24	0	0	156	
	Mobile Site 102	21:24	0	0	0	
				156	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 383 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 192	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/16/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,553,393		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 40 °F / 50 °F		VISIBILITY 72 MI		WIND 10/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:12	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:35	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:02	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,575		TO CUT:		00:00		08:59	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		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 384 of 463	
CONTRACT NO. W9127819F0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor		CONTRACTOR Dutra Dredging Co.		
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 192	
DATE 11/16/2019						
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 245+00 to 267+00 Mobile Site 102	00:00 01:14	69 5	209 4 47	334 2,635 0	
2	Sta 245+00 to 267+00 Mobile Site 102	05:34 06:47	58 15	220 4 225	522 2,635 0	
3	Sta 245+00 to 267+00 Mobile Site 102	14:16 15:36	65 15	233 4 198	515 2,635 0	
4	Sta 245+00 to 267+00 Mobile Site 102	22:51 22:51	0 0	0 0 69	69 0 0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 385 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 193	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/17/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,558,663		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		71 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 41 °F / 53 °F		VISIBILITY 72 MI		WIND 10/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:07	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:35	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:08	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,949		TO CUT:		00:00		09:02	
GALLONS OF WATER CONSUMED		GAL		935		TOTALS:		00:00		24:00	
						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 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 387 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 194	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/18/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 267+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,566,568		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 41 °F / 69 °F		VISIBILITY 72 MI		WIND 10/SE MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:43	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:29	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:29	
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		00:32	
GALLONS OF FUEL OIL CONSUMED		GAL		3,363		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		935		TO CUT:		00:00		10:47	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 388 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 194	
		DATE 11/18/2019				
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 245+00 to 267+00	00:00	0	7	11	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:11	51	217	500	
	Mobile Site 102	01:09	7	4	2,635	
				221	0	
3	Sta 245+00 to 267+00	08:31	51	227	545	
	Mobile Site 102	09:29	7	24	2,635	
				236	0	
4	Sta 245+00 to 267+00	17:36	61	118	384	
	Mobile Site 102	18:52	15	0	0	
				190	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 389 of 463						
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 195						
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/19/2019							
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY								
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7						
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,574,473							
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM								
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250								
		DENSITY OF WATER			1006			GMS/LITER@ 60 °F								
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION						
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 41 °F / 69 °F		VISIBILITY 72 MI		WIND 10/SE MPH							
DRAFT					DISTRIBUTION OF TIME AND MILES RUN											
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)				
FORWARD		8		16		EFFECTIVE WORKING TIME:										
AFT		9		15		PUMPING:		00:00		03:06		0.0				
DRAG DEPTH MAX 0 MIN 0					TURNING:		00:00		00:30		0.0					
INDICATORS LAST CHECKED ON 08/14/2019					TO DUMP:		00:00		09:35		0.0					
AVERAGE SPEED OF DREDGE DURING LOADING					FT/MIN		0		CONNECTING:		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		2,018		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED					GAL		748		TO CUT:		00:00		10:37		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 7,905		DISPOSAL AREA Mobile Site 102		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		
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0		
								TOTALS		00:00		00:00		0.0		
LOST TIME:																
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0		
								CESSATION:		00:00		00:00		0.0		
								COLLISIONS:		00:00		00:00		0.0		
								TOTALS:		00:00		00:00		0.0		
								TOTAL TIME/MILES:		00:00		24:00		0.0		

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 390 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 195	
					DATE 11/19/2019	
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 245+00 to 267+00	00:00	0	116	120	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	02:00	60	220	516	
	Mobile Site 102	03:15	15	4	2,635	
				217	0	
3	Sta 245+00 to 267+00	10:36	64	231	513	
	Mobile Site 102	11:45	5	4	2,635	
				209	0	
4	Sta 245+00 to 267+00	19:09	62	8	291	
	Mobile Site 102	20:21	10	0	0	
				211	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 391 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 196					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/20/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 5		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,582,378						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 60 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 41 °F / 68 °F		VISIBILITY 72 MI		WIND 8 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		02:25		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:21		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:13		0.0			
						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		2,805		TO CUT:		00:00		09:49		0.0			
GALLONS OF WATER CONSUMED		GAL		935		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 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		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	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:00		0.0	
					LOST TIME:										
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 392 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 196	
					DATE 11/20/2019	
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 245+00 to 267+00	00:00	0	226	230	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	03:50	73	213	515	
	Mobile Site 102	05:18	15	4	2,635	
				210	0	
3	Sta 245+00 to 267+00	12:25	72	234	531	
	Mobile Site 102	13:43	6	4	2,635	
				215	0	
4	Sta 245+00 to 267+00	21:16	0	0	164	
	Mobile Site 102	21:16	0	0	0	
				164	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 395 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 198	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/22/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,595,553		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 55 °F / 75 °F		VISIBILITY 72 MI		WIND 7 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:24	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:31	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:40	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,949		TO CUT:		00:00		10:17	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 397 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 199			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/23/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,603,458				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250			
		DENSITY OF WATER				1006		GMS/LITER@		60 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 55 °F / 70 °F		VISIBILITY 72 MI		WIND 20 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
FORWARD		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		03:09		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:30		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				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		1,742		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF WATER CONSUMED		GAL		374		TO CUT:		00:00		11:15		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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		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	
Crewboat		Cape Anne		400	24:00	MISCELLANEOUS		00:00		00:00		0.0	
						TOTALS		00:00		00:00		0.0	
LOST TIME:													
						MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
						CESSATION:		00:00		00:00		0.0	
						COLLISIONS:		00:00		00:00		0.0	
						TOTALS:		00:00		00:00		0.0	
						TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 399 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 200	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/24/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,611,363		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 45 °F / 71 °F		VISIBILITY 72 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:21	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:15	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:56	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,817		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		10:16	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 400 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 200	
					DATE 11/24/2019	
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 245+00 to 267+00	00:00	0	217	221	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	03:41	76	222	539	
	Mobile Site 102	05:04	7	4	2,635	
				230	0	
3	Sta 245+00 to 267+00	12:40	65	217	499	
	Mobile Site 102	13:53	8	4	2,635	
				205	0	
4	Sta 245+00 to 267+00	20:59	0	0	181	
	Mobile Site 102	20:59	0	0	0	
				181	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 401 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 201	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/25/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,619,268		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 48 °F / 68 °F		VISIBILITY 72 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:32	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:31	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:42	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,591		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		09:03	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 402 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 201	
					DATE 11/25/2019	
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 245+00 to 267+00	00:00	69	202	331	
	Mobile Site 102	01:23	14	4	2,635	
				42	0	
2	Sta 245+00 to 267+00	05:31	67	224	513	
	Mobile Site 102	06:44	6	4	2,635	
				212	0	
3	Sta 245+00 to 267+00	14:04	76	216	509	
	Mobile Site 102	15:31	11	4	2,635	
				202	0	
4	Sta 245+00 to 267+00	22:33	0	0	87	
	Mobile Site 102	22:33	0	0	0	
				87	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 403 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 202	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/26/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,624,538		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 50 °F / 69 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:40	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:22	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:31	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,694		TO CUT:		00:00		10:19	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 405 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 203	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 11/27/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,632,443	
		AVG LENGTH OF CUT 5000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 60 °F / 72 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:46	
						TURNING:		00:00		00:18	
						TO DUMP:		00:00		08:48	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:12	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		11:56	
						TOTALS:		00:00		24:00	
						NON-EFFECTIVE WORKING TIME:					
						TAKING ON FUEL AND SUPPLIES		00:00		00:00	
						TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
						LAY TIME:		00:00		00:00	
						FIRE AND BOAT DRILLS:		00:00		00:00	
						MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:00	
						LOST TIME:					
						MAJOR REPAIRS AND 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 406 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 203	
					DATE 11/27/2019	
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 245+00 to 267+00	00:00	0	100	104	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	01:44	66	205	550	
	Mobile Site 102	02:57	7	4	2,635	
				268	0	
3	Sta 245+00 to 267+00	10:54	72	223	546	
	Mobile Site 102	12:12	6	4	2,635	
				241	0	
4	Sta 245+00 to 267+00	20:00	28	0	240	
	Mobile Site 102	20:33	5	0	0	
				207	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 407 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 204	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/28/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,640,348		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 60 °F / 70 °F		VISIBILITY 72 MI		WIND 5 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:53	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:15	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:38	
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		00:26	
GALLONS OF FUEL OIL CONSUMED		GAL		2,601		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,122		TO CUT:		00:00		09:09	
						TOTALS:		00:00		23:21	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 409 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 205	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 11/29/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,645,618		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 56 °F / 76 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:10	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:25	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:01	
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		00:34	
GALLONS OF FUEL OIL CONSUMED		GAL		3,116		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		09:28	
						TOTALS:		00:00		22:38	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:50	
						MINOR OPERATING REPAIRS		00:00		00:32	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		01:22	
						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 411 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 206	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 11/30/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,653,523	
		AVG LENGTH OF CUT 5000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 52 °F / 76 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:28	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:31	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		08:51	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,496		TO CUT:		00:00		10:41	
GALLONS OF WATER CONSUMED		GAL		555		TOTALS:		00:00		23:43	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:17	
						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.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:17	
						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 412 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 206	
					DATE 11/30/2019	
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 245+00 to 267+00	00:00	0	100	104	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	01:44	62	198	501	
	Mobile Site 102	02:56	10	4	2,635	
				227	0	
3	Sta 245+00 to 267+00	10:05	62	233	521	
	Mobile Site 102	11:12	5	4	2,635	
				217	0	
4	Sta 245+00 to 267+00	18:46	84	0	297	
	Mobile Site 102	20:26	16	0	0	
				197	0	
QC NARRATIVE(S) GENERAL COMMENTS Columbia lost 17 minutes due to traffic. Carnival Fantasy from 0613 - 0630						
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 413 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 207	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/01/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,661,428		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 53 °F / 74 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:06	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:09	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:37	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,874		TO CUT:		00:00		10:56	
GALLONS OF WATER CONSUMED		GAL		941		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 414 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 207	
					DATE 12/01/2019	
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 245+00 to 267+00	00:00	3	218	225	
	Mobile Site 102	00:03	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	03:45	68	200	495	
	Mobile Site 102	05:02	9	4	2,635	
				214	0	
3	Sta 245+00 to 267+00	12:00	55	219	494	
	Mobile Site 102	12:55	0	4	2,635	
				216	0	
4	Sta 245+00 to 267+00	20:14	0	0	226	
	Mobile Site 102	20:14	0	0	0	
				226	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 415 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 208	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/02/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 2,635 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,664,063		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 33 °F / 56 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:16	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:18	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		06:35	
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		00:04	
GALLONS OF FUEL OIL CONSUMED		GAL		2,741		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,046		TO CUT:		00:00		03:56	
						TOTALS:		00:00		13:09	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		05:57	
NO.OF LOADS 2		TOTAL CYS 2,635		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 417 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 209	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/03/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,671,968		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 44 °F / 65 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		03:17	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:20	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		08:43	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,500		TO CUT:		00:00		11:28	
GALLONS OF WATER CONSUMED		GAL		750		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 418 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 209	
					DATE 12/03/2019	
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 245+00 to 267+00	00:00	0	53	57	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:57	63	203	489	
	Mobile Site 102	02:06	6	4	2,635	
				213	0	
3	Sta 245+00 to 267+00	09:06	55	225	563	
	Mobile Site 102	10:06	5	4	2,635	
				274	0	
4	Sta 245+00 to 267+00	18:29	79	42	331	
	Mobile Site 102	19:57	9	0	0	
				201	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 419 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 210	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/04/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,679,873		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 43 °F / 67 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:53	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:08	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:10	
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		00:19	
GALLONS OF FUEL OIL CONSUMED		GAL		2,396		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		1,008		TO CUT:		00:00		10:02	
						TOTALS:		00:00		22:32	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		01:28	
						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.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		01:28	
						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 420 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 210	
		DATE 12/04/2019				
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 245+00 to 267+00	00:00	0	175	179	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	02:59	44	221	516	
	Mobile Site 102	03:43	0	11	2,635	
				240	0	
3	Sta 245+00 to 267+00	11:35	69	214	577	
	Mobile Site 102	12:52	8	4	2,635	
				282	0	
4	Sta 245+00 to 267+00	21:12	0	0	80	
	Mobile Site 102	21:12	0	0	0	
				80	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 421 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 211					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/05/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,687,778						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER 1250							
		DENSITY OF WATER			1006			GMS/LITER@ 60 °F							
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 40 °F / 67 °F		VISIBILITY 72 MI		WIND 10 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		03:26		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:25		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:52		0.0			
						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		2,396		TO CUT:		00:00		09:05		0.0			
GALLONS OF WATER CONSUMED		GAL		1,008		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 7,905		DISPOSAL AREA Mobile Site 102		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	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:00		0.0	
								TOTALS		00:00		00:00		0.0	
LOST TIME:															
								MAJOR REPAIRS AND ALTERNATIONS		00:00		00:00		0.0	
								CESSATION:		00:00		00:00		0.0	
								COLLISIONS:		00:00		00:00		0.0	
								TOTALS:		00:00		00:00		0.0	
								TOTAL TIME/MILES:		00:00		24:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 422 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 211	
					DATE 12/05/2019	
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 245+00 to 267+00	00:00	67	210	414	
	Mobile Site 102	01:13	6	4	2,635	
				127	0	
2	Sta 245+00 to 267+00	06:54	69	225	517	
	Mobile Site 102	08:12	9	4	2,635	
				210	0	
3	Sta 245+00 to 267+00	15:31	70	217	501	
	Mobile Site 102	16:51	10	4	2,635	
				200	0	
4	Sta 245+00 to 267+00	23:52	0	0	8	
	Mobile Site 102	23:52	0	0	0	
				8	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 423 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 212	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 12/06/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,693,048	
		AVG LENGTH OF CUT 5000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 49 °F / 72 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:56	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:25	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:53	
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		00:08	
GALLONS OF FUEL OIL CONSUMED		GAL		1,782		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		448		TO CUT:		00:00		10:38	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 425 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 213	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 12/07/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,700,953	
		AVG LENGTH OF CUT 5000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 53 °F / 61 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:55	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:26	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:15	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:23	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		3,103		TO CUT:		00:00		10:36	
GALLONS OF WATER CONSUMED		GAL		784		TOTALS:		00:00		23:35	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:25	
						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.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		00:25	
						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 426 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 213	
					DATE 12/07/2019	
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 245+00 to 267+00	00:00	0	48	52	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:52	44	217	510	
	Mobile Site 102	01:45	9	15	2,635	
				225	0	
3	Sta 245+00 to 267+00	09:22	61	219	495	
	Mobile Site 102	10:30	7	4	2,635	
				204	0	
4	Sta 245+00 to 267+00	17:37	70	71	358	
	Mobile Site 102	18:57	10	0	0	
				207	0	
QC NARRATIVE(S) GENERAL COMMENTS 0437-0502 Lost time (25min) due to traffic; Navious Harmony P-2						
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 427 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 214	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/08/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,708,858		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 56 °F / 68 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:24	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:16	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:27	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,765		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		560		TO CUT:		00:00		10:41	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 429 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 215	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/09/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,716,763		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 56 °F / 76 °F		VISIBILITY 72 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:06	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:06	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		11:32	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,765		TO CUT:		00:00		10:04	
GALLONS OF WATER CONSUMED		GAL		560		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 431 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 216	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 12/10/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00 and 400+00 to 450+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
		AVG LENGTH OF CUT 5000 FT		AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Critical Delay				TEMP 55 °F / 74 °F		VISIBILITY 72 MI		WIND NNW 35 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		00:56	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:00	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		08:28	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,232		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		672		TO CUT:		00:00		10:14	
						TOTALS:		00:00		19:50	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		03:40	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:30	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 432 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 216	
		DATE 12/10/2019				
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 245+00 to 267+00	00:00	0	106	110	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	400+00 to 450+00	01:50	31	200	430	
	Mobile Site 102	02:21	0	4	2,635	
				195	0	
3	400+00 to 450+00	09:30	25	202	428	
	Mobile Site 102	09:55	0	4	2,635	
				197	0	
4	400+00 to 450+00	16:38	0	0	222	
	Mobile Site 102	16:38	0	0	0	
				222	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 433 of 463					
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 217					
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/11/2019						
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY							
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7					
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00 and 400+00 to 450+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,729,938						
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM							
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250					
		DENSITY OF WATER			1006			GMS/LITER@		60 °F					
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION					
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM					
WEATHER CONDITION		WEATHER Weather Caused Critical Delay			TEMP 55 °F / 65 °F		VISIBILITY 72 MI		WIND NNW 35 MPH						
DRAFT					DISTRIBUTION OF TIME AND MILES RUN										
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)			
FORWARD		8		16		EFFECTIVE WORKING TIME:									
AFT		9		15		PUMPING:		00:00		01:45		0.0			
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:12		0.0			
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		07:21		0.0			
						CONNECTING:		00:00		00:00		0.0			
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08		0.0			
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0			
GALLONS OF FUEL OIL CONSUMED		GAL		2,045		TO CUT:		00:00		04:14		0.0			
GALLONS OF WATER CONSUMED		GAL		896		TOTALS:		00:00		13:40		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 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		LOSS DUE TO NATURAL ELEMENTS:		00:00		09:25		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	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		00:55		0.0	
								TOTALS		00:00		10:20		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 435 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 218	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/12/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,735,208		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 45 °F / 64 °F		VISIBILITY 72 MI		WIND 25 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:54	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:19	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:19	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:08	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,956		TO CUT:		00:00		10:20	
GALLONS OF WATER CONSUMED		GAL		747		TOTALS:		00:00		24:00	
						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 3	TOTAL CYS 5,270	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 437 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 219	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/13/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00 and 400+00 to 450+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 10,540 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,745,748		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 55 °F / 58 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:03	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:06	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:58	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:28	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		3,864		TO CUT:		00:00		10:25	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 10,540	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 439 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 220	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/14/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,753,653		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 55 °F / 65 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:53	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:19	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:21	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:38	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,999		TO CUT:		00:00		10:49	
GALLONS OF WATER CONSUMED		GAL		561		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 440 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 220	
					DATE 12/14/2019	
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 245+00 to 267+00	00:00	0	2	6	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:06	34	194	461	
	Mobile Site 102	00:44	4	4	2,635	
				225	0	
3	Sta 245+00 to 267+00	07:47	45	232	539	
	Mobile Site 102	08:42	10	30	2,635	
				222	0	
4	Sta 245+00 to 267+00	16:46	34	193	434	
	Mobile Site 102	17:25	5	0	0	
				202	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 442 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge				REPORT NO. 221
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 245+00 to 267+00	00:00	0	44	48	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:48	44	201	478	
	Mobile Site 102	01:36	4	4	2,635	
				225	0	
3	Sta 245+00 to 267+00	08:46	37	221	487	
	Mobile Site 102	09:33	10	4	2,635	
				215	0	
4	Sta 245+00 to 267+00	16:53	44	180	427	
	Mobile Site 102	17:42	5	0	0	
				198	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE			DATE	SUPERINTENDENT'S INITIALS	DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 443 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 222	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/16/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,769,463		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 55 °F / 71 °F		VISIBILITY 72 MI		WIND 10 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:02	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:19	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:48	
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		00:14	
GALLONS OF FUEL OIL CONSUMED		GAL		2,441		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		561		TO CUT:		00:00		10:37	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00		00:00	
						LOSS DUE TO NATURAL ELEMENTS:		00:00		00:00	
						LOSS DUE TO TRAFFIC AND BRIDGES		00:00		00:00	
						MINOR OPERATING REPAIRS		00:00		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		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 445 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 223	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/17/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA 245+00 to 270+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,777,368		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 35 °F / 55 °F		VISIBILITY 10 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:22	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:17	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		09:44	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		3,160		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		748		TO CUT:		00:00		11:25	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 446 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 223	
					DATE 12/17/2019	
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 245+00 to 267+00	00:00	0	40	44	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:44	42	192	456	
	Mobile Site 102	01:32	6	4	2,635	
				212	0	
3	Sta 245+00 to 267+00	08:20	52	208	527	
	Mobile Site 102	09:18	6	4	2,635	
				257	0	
4	Sta 245+00 to 267+00	17:07	48	144	413	
	Mobile Site 102	18:00	5	0	0	
				216	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 447 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 224	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 12/18/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY				AVG VOL OF BIN WATER: 0 CY				AVG UNFILLED CAP: 0 CY	
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73 and 400+00 to 450+00				DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905	
										CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,785,273	
		AVG LENGTH OF CUT 5000 FT				AVG WIDTH OF CUT 400 FT				AVG DIST TO DUMP 36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER 1250	
		DENSITY OF WATER				1006				GMS/LITER@ 60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 35 °F / 55 °F		VISIBILITY 10 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:05	
						TURNING:		00:00		00:13	
						TO DUMP:		00:00		10:51	
						CONNECTING:		00:00		00:00	
						DUMPING:		00:00		00:12	
						DISCONNECTING:		00:00		00:00	
						TO CUT:		00:00		10:19	
						TOTALS:		00:00		23:40	
DRAG DEPTH MAX 0 MIN 0						NON-EFFECTIVE WORKING TIME:					
INDICATORS LAST CHECKED ON 08/14/2019						TAKING ON FUEL AND SUPPLIES					
AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0						TO AND FROM WHARF OR ANCHORAGE:					
AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0						LOSS DUE TO NATURAL ELEMENTS:					
GALLONS OF FUEL OIL CONSUMED GAL 2,676						LOSS DUE TO TRAFFIC AND BRIDGES					
GALLONS OF WATER CONSUMED GAL 748						MINOR OPERATING REPAIRS					
WORK PERFORMED						TRANSFERRING BETWEEN WORKS					
DREDGING AND HAULING				AGITATING		LAY TIME:					
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		FIRE AND BOAT DRILLS:			
								MISCELLANEOUS			
								TOTALS			
								LOST TIME:			
								MAJOR REPAIRS AND ALTERNATIONS			
								CESSATION:			
								COLLISIONS:			
								TOTALS:			
								TOTAL TIME/MILES:			
								00:00 24:00 0.0			

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QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 449 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 225	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK								DATE 12/19/2019	
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,793,178		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 38 °F / 58 °F		VISIBILITY 10 MI		WIND 20 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:53	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:18	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:50	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		2,764		TO CUT:		00:00		10:47	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 450 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 225	
					DATE 12/19/2019	
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 245+00 to 267+00	00:00	0	56	60	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	01:00	25	224	482	
	Mobile Site 102	01:31	6	4	2,635	
				223	0	
3	Sta 245+00 to 267+00	09:02	38	215	487	
	Mobile Site 102	09:47	7	4	2,635	
				223	0	
4	Sta 245+00 to 267+00	17:09	50	155	411	
	Mobile Site 102	18:04	5	0	0	
				201	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 451 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 226	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/20/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,801,083		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 45 °F / 68 °F		VISIBILITY 10 MI		WIND 15 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:19	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:11	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		08:00	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:14	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		1,382		TO CUT:		00:00		08:10	
GALLONS OF WATER CONSUMED		GAL		748		TOTALS:		00:00		17:54	
						NON-EFFECTIVE WORKING TIME:					
WORK PERFORMED						TAKING ON FUEL AND SUPPLIES		00:00		03:57	
DREDGING AND HAULING				AGITATING		TO AND FROM WHARF OR ANCHORAGE:		00:00		02:09	
NO.OF LOADS 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER		H.P.	HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne		400	24:00		MISCELLANEOUS		00:00		00:00	
						TOTALS		00:00		06:06	
						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 452 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge				
REPORT NO. 226						
DATE 12/20/2019						
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 245+00 to 267+00	00:00	0	53	57	
	Mobile Site 102	00:00	0	4	2,635	
				0	0	
2	Sta 245+00 to 267+00	00:57	34	209	465	
	Mobile Site 102	01:37	6	4	2,635	
				212	0	
3	Sta 245+00 to 267+00	08:42	45	218	492	
	Mobile Site 102	09:32	5	6	2,635	
				218	0	
4	Sta 245+00 to 267+00	23:00	0	0	60	
	Mobile Site 102	23:00	0	0	0	
				60	0	
QC NARRATIVE(S)						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.				
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS		DATE	

QUALITY CONTROL REPORT-HOPPER DREDGE										PAGE NO. Page 453 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 227	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/21/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,808,988		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 45 °F / 55 °F		VISIBILITY 10 MI		WIND 15 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		02:30	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:16	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:51	
						CONNECTING:		00:00		00:00	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:12	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00	
GALLONS OF FUEL OIL CONSUMED		GAL		3,618		TO CUT:		00:00		10:11	
GALLONS OF WATER CONSUMED		GAL		784		TOTALS:		00:00		24:00	
						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 4	TOTAL CYS 7,905	DISPOSAL AREA Mobile Site 102		TOTAL CYS 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		00:00	
						TRANSFERRING BETWEEN WORKS		00:00		00:00	
ATTENDANT PLANT						LAY TIME:		00:00		00:00	
ITEM	NAME OR NUMBER			H.P.	HOURS	FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat	Cape Anne			400	24:00	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 455 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 228	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/22/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 5,270 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,814,258		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused Non-Critical Delay				TEMP 42 °F / 58 °F		VISIBILITY 10 MI		WIND 40 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:53	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:07	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		07:02	
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		00:10	
GALLONS OF FUEL OIL CONSUMED		GAL		1,550		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		448		TO CUT:		00:00		11:18	
						TOTALS:		00:00		20:30	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 3		TOTAL CYS 5,270		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 457 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor				CONTRACTOR Dutra Dredging Co.				REPORT NO. 229			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK						DATE 12/23/2019					
DREDGE Columbia Hopper Dredge		HOPPER CAP:		4387 CY		AVG VOL OF BIN WATER:		0 CY		AVG UNFILLED CAP:		0 CY	
		NO. OF CREW MEMBERS		DREDGE		OTHER PLANT		WORK SCHEDULE		SHIFTS PER DAY		DAYS PER WEEK	
LOCATION OF WORK		LOCATION CHANNEL		REACH DREDGED; STA TO STA		DISPOSAL AREA USE		QTY DEPOSITED GROSS(CY)		CUMULATIVE AND QTY DEPOSIT FOR DA(CY)			
		Mobile Bay		Sta 245+00 to 267+73		Mobile Site 102 -SW		7,905		1,822,163			
		AVG LENGTH OF CUT		5000 FT		AVG WIDTH OF CUT		400 FT		AVG DIST TO DUMP		36 NM	
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250				GMS/LITER		1250	
		DENSITY OF WATER				1006				GMS/LITER@		60 °F	
RIVER/TIDE STAGE		MIN		0.00		TIME		00:00		MAX		0.00	
		MIN		0.00		TIME		00:00		MAX		0.00	
WEATHER CONDITION		WEATHER				TEMP		VISIBILITY		WIND			
		Weather Caused No Delay				55 °F / 68 °F		10 MI		20 MPH			
DRAFT						DISTRIBUTION OF TIME AND MILES RUN							
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)		MILES RUN (NAUT MI)	
FORWARD		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		02:06		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:06		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:24		0.0	
						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		3,460		TO CUT:		00:00		11:11		0.0	
GALLONS OF WATER CONSUMED		GAL		934		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	
4		7,905		Mobile Site 102		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		00:00	
								TRANSFERRING BETWEEN WORKS		00:00		00:00	
								LAY TIME:		00:00		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00		00:00	
Crewboat		Cape Anne		400		24:00		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 459 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 230	
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/24/2019		
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY			
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7	
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 7,905 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,830,068		
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM			
CHARACTER OF MATERIAL		DENSITY OF MATERIALS				1250		GMS/LITER		1250	
		DENSITY OF WATER				1006		GMS/LITER@		55 °F	
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION	
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM	
WEATHER CONDITION		WEATHER Weather Caused No Delay				TEMP 58 °F / 69 °F		VISIBILITY 10 MI		WIND 8 MPH	
DRAFT						DISTRIBUTION OF TIME AND MILES RUN					
		LIGHT		LOADED				AGITATING (MIN)		DREDGE & HAUL (MIN)	
FORWARD		8		16		EFFECTIVE WORKING TIME:					
AFT		9		15		PUMPING:		00:00		01:57	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:05	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		10:53	
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		00:12	
GALLONS OF FUEL OIL CONSUMED		GAL		2,762		DISCONNECTING:		00:00		00:00	
GALLONS OF WATER CONSUMED		GAL		784		TO CUT:		00:00		10:53	
						TOTALS:		00:00		24:00	
WORK PERFORMED						NON-EFFECTIVE WORKING TIME:					
DREDGING AND HAULING				AGITATING		TAKING ON FUEL AND SUPPLIES		00:00		00:00	
NO.OF LOADS 4		TOTAL CYS 7,905		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		TO AND FROM WHARF OR ANCHORAGE:		00:00	
								LOSS DUE TO NATURAL ELEMENTS:		00:00	
								LOSS DUE TO TRAFFIC AND BRIDGES		00:00	
								MINOR OPERATING REPAIRS		00:00	
								TRANSFERRING BETWEEN WORKS		00:00	
								LAY TIME:		00:00	
ITEM		NAME OR NUMBER		H.P.		HOURS		FIRE AND BOAT DRILLS:		00:00	
Crewboat		Cape Anne		400		24:00		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 461 of 463			
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor					CONTRACTOR Dutra Dredging Co.			REPORT NO. 231			
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK							DATE 12/25/2019				
DREDGE Columbia Hopper Dredge		HOPPER CAP: 4387 CY			AVG VOL OF BIN WATER: 0 CY			AVG UNFILLED CAP: 0 CY					
		NO. OF CREW MEMBERS		DREDGE 13		OTHER PLANT 4		WORK SCHEDULE		SHIFTS PER DAY 2 DAYS PER WEEK 7			
LOCATION OF WORK		LOCATION CHANNEL Mobile Bay		REACH DREDGED; STA TO STA Sta 245+00 to 267+73 and 400+00 to 450+00			DISPOSAL AREA USE Mobile Site 102 -SW		QTY DEPOSITED GROSS(CY) 2,635 CUMULATIVE AND QTY DEPOSIT FOR DA(CY) 1,832,703				
		AVG LENGTH OF CUT 5000 FT			AVG WIDTH OF CUT 400 FT			AVG DIST TO DUMP 36 NM					
CHARACTER OF MATERIAL		DENSITY OF MATERIALS			1250			GMS/LITER		1250			
		DENSITY OF WATER			1006			GMS/LITER@		55 °F			
RIVER/TIDE STAGE		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE LOCATION			
		MIN 0.00		TIME 00:00		MAX 0.00		TIME 00:00		GAGE DATUM			
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP 60 °F / 70 °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		8		16		EFFECTIVE WORKING TIME:							
AFT		9		15		PUMPING:		00:00		01:27		0.0	
DRAG DEPTH		MAX 0		MIN 0		TURNING:		00:00		00:04		0.0	
INDICATORS LAST CHECKED ON		08/14/2019				TO DUMP:		00:00		04:20		0.0	
						CONNECTING:		00:00		00:00		0.0	
AVERAGE SPEED OF DREDGE DURING LOADING		FT/MIN		0		DUMPING:		00:00		00:04		0.0	
AVERAGE SPEED OF DREDGE DURING AGITATING		FT/MIN		0		DISCONNECTING:		00:00		00:00		0.0	
GALLONS OF FUEL OIL CONSUMED		GAL		2,762		TO CUT:		00:00		03:38		0.0	
GALLONS OF WATER CONSUMED		GAL		784		TOTALS:		00:00		09:33		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 2		TOTAL CYS 2,635		DISPOSAL AREA Mobile Site 102		TOTAL CYS 0		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		0.0	
Crewboat		Cape Anne		400		24:00		MISCELLANEOUS		00:00		0.0	
								TOTALS		00:00		0.0	
					LOST TIME:								
								MAJOR REPAIRS AND ALTERNATIONS		00:00		0.0	
								CESSATION:		00:00		0.0	
								COLLISIONS:		00:00		0.0	
								TOTALS:		00:00		0.0	
								TOTAL TIME/MILES:		00:00		0.0	

QUALITY CONTROL REPORT-HOPPER DREDGE					PAGE NO. Page 462 of 463	
CONTRACT NO. W9127819D0019 W9127819F0188		CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor			CONTRACTOR Dutra Dredging Co.	
DREDGE		NAME AND TYPE Columbia Hopper Dredge			REPORT NO. 231	
		DATE 12/25/2019				
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 245+00 to 267+00	00:00	53	196	269	
	Mobile Site 102	00:57	4	4	2,635	
				12	0	
2	Sta 400+00 to 450+00	04:29	34	64	304	
	Mobile Site 102	05:03	0	0	0	
				206	0	
QC NARRATIVE(S) GENERAL COMMENTS Completed Task Order at 9:33 am. Started new 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 463 of 463
CONTRACT NO. W9127819F0188	CONTRACT TITLE IDIQ Hopper Dredge for Mobile Harbor	CONTRACTOR Dutra Dredging Co.	REPORT NO. 231