

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 2				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 1 Sta 1100+00 to 1160+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE ##### NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	22.5	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING		LIGHT		LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD			
0	0		Today:		AFT			
		Mobile 102-SW			DRAG DEPTH			
Previous Total	0		Prev:		INDICATORS LAST CHECKED ON		8/4/2017	
0	0		To Date:		GAS INJECTORS USED			
DISTRIBUTION OF TIME								
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)			MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME								
PUMPING				0:00	0			
TURNING				0:00	0			
TO DUMP				0:00	0			
DUMPING				0:00	0			
TO CUT				0:00	0			
TOTALS				0:00	0			
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES				0:00	0			
TO AND FROM ANCHORAGE				0:00	0			
LOSS DUE TO NATURAL ELEMENTS				0:00	0			
LOSS DUE TO TRAFFIC AND BRIDGES				0:00	0			
MINOR OPERATING REPAIRS				0:00	0			
TRANSFERRING BETWEEN WORKS				0:00	0			
LAY TIME				0:00	1440			
MISCELLANEOUS				0:00	0			
TOTALS				0:00	1440			
LOST TIME								
MAJOR REPAIRS AND ALTERATIONS				0:00				
CESSATION				0:00				
COLLISIONS				0:00				
TOTAL LOST TIME				0:00	0			
TOTAL TIME IN PERIOD	1440							
AVERAGE SPEED OF DREGE			FEET / MINUTE		MINUTES RADAR IN USE			
					0:00 1440			
LOADING				TIDE DATA WAS OBTAINED BY MEANS OF				
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.				
GALS OF FUEL OIL CONSUMED				WEATHER: Lt. & Var., Seas 1-2', Clear				
GALS OF WATER CONSUMED				FIELD				
REMARKS: <p style="text-align: center;">Mobilization of Dredge Equipment, No Dredging at this time</p>								
SUBMITTED BY:								
(SEE REVERSE SIDE)								

BREAKDOWN OF LOADS DREDGED AND HAULED													Friday, August 25, 2017					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 2		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
1		841	910	29		139	4		172									
2		1347	1416	29		147	4	134	314									
3		1854	1921	27		141	4	127	299									
4								134	134									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
Mobilization Started dredging at 8:41																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED													Saturday, August 26, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 3	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
4		7	37	30		145	4	7	186				2635				
5		514	545	31		135	4	128	298				2635				
6		1007	1033	26		141	4	123	294				2635				
7		1508	1542	34		139	4	130	307				2635				
8		2010	2036	26		144	4	125	299				2635				
9								56	56								
									0								
									0								
									0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
None																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

BREAKDOWN OF LOADS DREDGED AND HAULED													Sunday, August 27, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 4	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
9		107	136	29		138	4	67	238				2635				
10		602	631	29		142	4	124	299				2635				
11		1118	1147	29		123	4	141	297				2635				
12		1611	1644	33		132	4	137	306				2635				
13		2101	2127	26		144	4	121	295				2635				
14								5	5								
									0								
									0								
									0								
									0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
None																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

BREAKDOWN OF LOADS DREDGED AND HAULED													Monday, August 28, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 5	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
14		158	228	30		142	4	118	294				2635				
15		706	731	25		135	4	132	296				2635				
16		1441	1511	30		134	4	127	295				2635				
17		1932	1958	26		142	4	123	295				2635				
18								86	86								
								0	0								
								0	0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
164 Min Minor Repairs 10 Min Traffic																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

BREAKDOWN OF LOADS DREDGED AND HAULED													Tuesday, August 29, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 6	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
18		36	107	31		144	4	36	215				2635				
19		545	613	28		141	4	130	303				2635				
20		1049	1146	28		118	4	131	281				2635				
21		1609	1638	29		132	4	141	306				2635				
22								71	71								
								0	0								
								0	0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
29 Min loading stores 235 Min Weather																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

BREAKDOWN OF LOADS DREDGED AND HAULED													Wednesday, August 30, 2017					
LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>						MID-DEPTH SAMPLES		REPORT: 7
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***	
22		None							0 0 0 0 0 0 0									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)				TEST LOAD No.				DATE OF TEST						
REMARKS																		
1440 Min Weather																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED													Thursday, August 31, 2017					
LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 8	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***		% SOLIDS (IN PLACE) ***
22		None							0 0 0 0 0 0 0									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)				TEST LOAD No.				DATE OF TEST						
REMARKS																		
1440 Min Weather																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED													Friday, September 1, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 9	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
22		813	839	26		121	4	68	219				2635				
23		1306	1337	31		120	4	126	281				2635				
24		1745	1811	26		126	4	124	280				2635				
25		2223	2252	29		68		122	219								
									0								
									0								
									0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
425 Min Weather 16 Min Traffic																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

BREAKDOWN OF LOADS DREDGED AND HAULED													Saturday, September 2, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 10	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
25						52	4		56				2635				
26		250	324	28	6	123	4	114	275				2635				
27		729	757	28		127	4	118	277				2635				
28		1205	1237	32		123	4	117	276				2635				
29		1651	1721	30		122	4	127	283				2635				
30		2131	2200	29		120		124	273								
									0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
NOTE: <ul style="list-style-type: none"> * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER 																	

BREAKDOWN OF LOADS DREDGED AND HAULED														Sunday, September 3, 2017		REPORT: 11		
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES				
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***	
30						1	4		5									
31		159	230	31		133	4	114	282									
32		650	721	31		117	21	123	292									
33		1138	1207	29		122	4	119	274									
34		1633	1703	30		122	4	132	288									
35		2101	2134	27	6	123	4	112	272									
								19	19									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
8 minTraffic																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED													Monday, September 4, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 12	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
36		133	201	28		134	4	93	259				2635				
37		611	638	27		130	32	112	301				2635				
38		1134	1202	28		121	4	94	247				2635				
39		1606	1637	31		119	4	119	273				2635				
40		2045	2111	26		116	4	125	271				2635				
41								49	49								
								0	0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
40 Min Minor Repairs																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 13			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 1 Sta 1100+00 to 1160+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, September 5, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	22.5	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
4	10,540		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
40	105,400		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
44	115,940				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:00		120	
TURNING				0:08		8	
TO DUMP				7:57		477	
DUMPING				0:16		16	
TO CUT				6:44		404	
TOTALS				17:05		1025	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:10		10	
MINOR OPERATING REPAIRS				0:00		405	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				6:55		415	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: SW 5-10 knots, Waves 2 ft			
GALS OF FUEL OIL CONSUMED		3373					
GALS OF WATER CONSUMED		896		FIELD			
REMARKS: 10 min Traffic 405 min Minor Repairs							
SUBMITTED BY:							

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Wednesday, September 6, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 14	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
45		129	203	28		124	4	62	218				2635				
46		604	632	28		127	4	113	272				2635				
47		1032	1100	28		127	4	109	268				2635				
48		1514	1546	32		115	4	123	274				2635				
49		2132	2205	33		113	2	115	263	To be included in tomorrows Report							
									0	Dirposal not completed							
									0								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
112 min Other Crew Change 33 min Minor Repairs																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 15		
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA		
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 1 Sta 1100+00 to 1160+00			<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 15px; background-color: black;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 15px;"></div> NEW WORK </div>		DATE Thursday, September 7, 2017	
AV LENGTH OF CUT 6000 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS	
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS		
AV DIST TO DUMP 22.5 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS		
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)						
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK						
WORK PERFORMED				DRAFT FOR LOAD NO AVG		
DREDGING AND HAULING			AGITATING		LIGHT LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	8 16	
6	15,810		Today: 0	AFT	10 16	
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH		
48	126,480		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017	
54	142,290			GAS INJECTORS USED		
DISTRIBUTION OF TIME						
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME						
PUMPING				2:32	152	
TURNING				0:00	0	
TO DUMP				11:10	670	
DUMPING				0:22	22	
TO CUT				9:46	586	
TOTALS				23:50	1430	
NON-EFFECTIVE WORKING TIME						
TAKING ON FUEL AND SUPPLIES				0:00	0	
TO AND FROM ANCHORAGE				0:00	0	
LOSS DUE TO NATURAL ELEMENTS				0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:10	10	
MINOR OPERATING REPAIRS				0:00	0	
TRANSFERRING BETWEEN WORKS				0:00	0	
LAY TIME				0:00	0	
MISCELLANEOUS				0:00	0	
TOTALS				0:10	10	
LOST TIME						
MAJOR REPAIRS AND ALTERATIONS				0:00		
CESSATION				0:00		
COLLISIONS				0:00		
TOTAL LOST TIME				0:00	0	
TOTAL TIME IN PERIOD		1440	MINUTES RADAR IN USE		0:00	1440
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING				WEATHER: NW 20-25 knots, Waves Choppy		
GALS OF FUEL OIL CONSUMED		3012				
GALS OF WATER CONSUMED		1008		FIELD		
REMARKS: 10 min Traffic						
SUBMITTED BY:						

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 16			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 1 Sta 1100+00 to 1160+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Friday, September 8, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	22.5	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8
5	13,175		Today: 0		AFT		16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
54	142,290		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
59	155,465				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:42		162	
TURNING				0:05		5	
TO DUMP				9:56		596	
DUMPING				0:20		20	
TO CUT				10:57		657	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		4730		WEATHER: NE 15-20 knots, Waves Choppy			
GALS OF WATER CONSUMED		470		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 17			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 1 Sta 1100+00 to 1160+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, September 9, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	22.5	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
2	5,270		Today: 0		AFT		
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
59	155,465		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
61	160,735				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:38		38	
TURNING				0:00		0	
TO DUMP				3:55		235	
DUMPING				0:08		8	
TO CUT				4:00		240	
TOTALS				8:41		521	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				3:49		229	
TO AND FROM ANCHORAGE				1:00		60	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		630	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				15:19		919	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: NE 15-20 knots, Waves Chopy			
GALS OF FUEL OIL CONSUMED		908					
GALS OF WATER CONSUMED		470		FIELD			
REMARKS:							
<p>60 min to fuel dock 229 min taking on fuel, water, supplies 630 min Minor Repair:</p>							
SUBMITTED BY:							
(SEE REVERSE SIDE)							

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 18			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Sunday, September 10, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
1	2,635		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
61	160,735		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
62	163,370				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:27		27	
TURNING				0:00		0	
TO DUMP				2:06		126	
DUMPING				0:04		4	
TO CUT				0:57		57	
TOTALS				3:34		214	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				1:17		77	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		1080	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				1:09		69	
LOST TIME				20:26		1226	
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		789		WEATHER: NE 15-20 knots, Waves Chopy			
GALS OF WATER CONSUMED		561		FIELD			
REMARKS: 77 min to fuel dock 69 min Minor Repairs 1080 min Minor Repairs							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 19			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, September 11, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
2	5,270		Today: 0		AFT		
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
62	163,370		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
64	168,640				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:30		90	
TURNING				0:10		10	
TO DUMP				5:03		303	
DUMPING				0:08		8	
TO CUT				5:50		350	
TOTALS				12:41		761	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				9:49		589	
LOSS DUE TO TRAFFIC AND BRIDGES				0:49		49	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:41		41	
TOTALS				11:19		679	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: NE 25-30 knots, Waves 5-7 ft			
GALS OF FUEL OIL CONSUMED		2028					
GALS OF WATER CONSUMED		748		FIELD			
REMARKS: <div style="text-align: center;"> 49 Minutes Traffic 41 Minutes Other 589 Minutes Weather </div>							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 20			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, September 12, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
2	5,270		Today: 0		AFT		
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
64	168,640		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
66	173,910				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:29		29	
TURNING				0:00		0	
TO DUMP				2:36		156	
DUMPING				0:08		8	
TO CUT				2:50		170	
TOTALS				6:03		363	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				7:30		450	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		627	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				17:57		1077	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: SW 15-20 knots, Waves choppy			
GALS OF FUEL OIL CONSUMED		1139					
GALS OF WATER CONSUMED		1469		FIELD			
REMARKS: 450 Minutes Weather 627 Minutes Minor Repair							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 21			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, September 13, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8
3	7,905		Today: 0		AFT		16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
66	173,910		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
69	181,815				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:42		102	
TURNING				0:11		11	
TO DUMP				7:12		432	
DUMPING				0:12		12	
TO CUT				5:10		310	
TOTALS				14:27		867	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:10		10	
MINOR OPERATING REPAIRS				0:00		532	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:31		31	
TOTALS				9:33		573	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		1209		WEATHER: SW 10-15 knots, Waves choppy			
GALS OF WATER CONSUMED		935		FIELD			
REMARKS:							
532 Minutes Repairs 10 Minutes Traffic 31 Minutes Crew boat							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 22			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Thursday, September 14, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
5	13,175		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
69	181,815		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
74	194,990				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:40		160	
TURNING				0:00		0	
TO DUMP				9:55		595	
DUMPING				0:20		20	
TO CUT				11:05		665	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		3817		WEATHER: SE 10-15 knots, Waves calm			
GALS OF WATER CONSUMED		1306		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 23					
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA					
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE Friday, September 15, 2017				
					NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL			HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS	
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)									
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK									
WORK PERFORMED					DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING				AGITATING		LIGHT		LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8	16	
5	13,175		Today: 0		AFT		10	16	
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH				
74	194,990		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017		
79	208,165				GAS INJECTORS USED				
DISTRIBUTION OF TIME									
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)			MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME									
PUMPING				2:35			155		
TURNING				0:15			15		
TO DUMP				9:51			591		
DUMPING				0:20			20		
TO CUT				9:53			593		
TOTALS				22:54			1374		
NON-EFFECTIVE WORKING TIME									
TAKING ON FUEL AND SUPPLIES				0:00			0		
TO AND FROM ANCHORAGE				0:00			0		
LOSS DUE TO NATURAL ELEMENTS				0:00			0		
LOSS DUE TO TRAFFIC AND BRIDGES				0:00			0		
MINOR OPERATING REPAIRS				0:00			0		
TRANSFERRING BETWEEN WORKS				0:00			0		
LAY TIME				0:00			0		
MISCELLANEOUS				0:00			0		
TOTALS				1:06			66		
LOST TIME									
MAJOR REPAIRS AND ALTERATIONS				0:00			0		
CESSATION				0:00			0		
COLLISIONS				0:00			0		
TOTAL LOST TIME				0:00			0		
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE			0:00 1440		
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF					
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.					
AGITATING				WEATHER: SE 5-10 knots, Waves calm					
GALS OF FUEL OIL CONSUMED		2526							
GALS OF WATER CONSUMED		564		FIELD					
REMARKS: 66 Minutes for Cape Anne									
SUBMITTED BY:									

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 24			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, September 16, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
5	13,175		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
79	208,165		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
84	221,340				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:36		156	
TURNING				0:00		0	
TO DUMP				9:48		588	
DUMPING				0:20		20	
TO CUT				10:52		652	
TOTALS				23:36		1416	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:24		24	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:24		24	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: SE 5-10 knots, Waves calm			
GALS OF FUEL OIL CONSUMED		3037					
GALS OF WATER CONSUMED		1122		FIELD			
REMARKS: 24 Minutes Traffic							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 25			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Sunday, September 17, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
5	13,175		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
84	221,340		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
89	234,515				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				3:03		183	
TURNING				0:16		16	
TO DUMP				10:34		634	
DUMPING				0:20		20	
TO CUT				9:47		587	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: SE 5-10 knots, Waves calm			
GALS OF FUEL OIL CONSUMED		3349					
GALS OF WATER CONSUMED		935		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 26			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, September 18, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
5	13,175		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
89	234,515		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
94	247,690				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:32		152	
TURNING				0:28		28	
TO DUMP				10:48		648	
DUMPING				0:37		37	
TO CUT				9:35		575	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE			
		FEET / MINUTE		0:00		1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		3095		WEATHER: SE 5-10 knots, Waves calm			
GALS OF WATER CONSUMED		748		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 27			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, September 19, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
6	15,810		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH	10	16
94	247,690		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
100	263,500				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:27		147	
TURNING				0:28		28	
TO DUMP				10:06		606	
DUMPING				0:24		24	
TO CUT				10:35		635	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE			
		FEET / MINUTE		0:00		1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		2834		WEATHER: SE 5-10 knots, Waves calm			
GALS OF WATER CONSUMED		561		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 28			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, September 20, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
5	13,175		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH	10	16
100	263,500		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
105	276,675				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:51		171	
TURNING				0:33		33	
TO DUMP				10:27		627	
DUMPING				0:20		20	
TO CUT				9:49		589	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE			
		FEET / MINUTE		220		0:00 1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		2507		WEATHER: SE 5-10 knots, Waves calm			
GALS OF WATER CONSUMED		935		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 29			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 Sta 1160+00 to 1220+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Thursday, September 21, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
5	13,175		Today: 0		AFT		8 16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
105	276,675		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
110	289,850				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:27		147	
TURNING				0:31		31	
TO DUMP				11:00		660	
DUMPING				0:20		20	
TO CUT				9:42		582	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE			
		FEET / MINUTE				0:00 1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		3329		WEATHER: SE 5-10 knots, Waves calm			
GALS OF WATER CONSUMED		748		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 30			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 2 & 3 Sta 1160+00 to 1220+00 & 704+00 to 794+00			<div style="background-color: black; width: 20px; height: 15px; margin-bottom: 5px;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 15px; margin-bottom: 5px;"></div> NEW WORK	DATE Friday, September 22, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	21.4	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO			
DREDGING AND HAULING				AGITATING			
NO OF LOADS		TOT CU YDS		DISPOSAL AREA		TOT CU YDS	
5		13,175		Today:		0	
Previous Total		Mobile 102-SW		Prev:		0	
110		289,850		To Date:		0	
115		303,025					
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:38		158	
TURNING				0:16		16	
TO DUMP				9:42		582	
DUMPING				0:20		20	
TO CUT				11:04		664	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE			
		FEET / MINUTE		0:00 1440			
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		3299		WEATHER: SE 5-10 knots, Waves calm			
GALS OF WATER CONSUMED		1496		FIELD			
REMARKS: <p style="text-align: center;">Changed assignments on load 114</p>							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 31			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, September 23, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
4	10,540		Today: 0		AFT		8 16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
115	303,025		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
119	313,565				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:02		122	
TURNING				0:00			
TO DUMP				11:30		690	
DUMPING				0:16		16	
TO CUT				10:12		612	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE			
		FEET / MINUTE				0:00 1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		2688		WEATHER: SE 5-10 knots, Waves calm			
GALS OF WATER CONSUMED		1421		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 32	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Sunday, September 24, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
119	313,565		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
123	324,105			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:11	131	
TURNING			0:00		
TO DUMP			11:08	668	
DUMPING			0:16	16	
TO CUT			10:25	625	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	3287		WEATHER: SE 5-10 knots, Waves calm		
GALS OF WATER CONSUMED	784		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 33	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, September 25, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
123	324,105		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
127	334,645			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
			AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING				1:59	119
TURNING				0:19	19
TO DUMP				10:36	636
DUMPING				0:16	16
TO CUT				10:13	613
TOTALS				23:23	1403
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00	0
TO AND FROM ANCHORAGE				0:00	0
LOSS DUE TO NATURAL ELEMENTS				0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES				0:37	37
MINOR OPERATING REPAIRS				0:00	0
TRANSFERRING BETWEEN WORKS				0:00	0
LAY TIME				0:00	0
				0:00	0
MISCELLANEOUS				0:00	0
TOTALS				0:37	37
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	
CESSATION				0:00	
COLLISIONS				0:00	
TOTAL LOST TIME				0:00	0
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE 0:00 1440		
LOADING	FEET / MINUTE	220	TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	2709		WEATHER: SE 5-10 knots, Waves calm		
GALS OF WATER CONSUMED	1195		FIELD		
REMARKS: 37 Minutes Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 34	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, September 26, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
127	334,645		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
131	345,185			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:07	127	
TURNING			0:08	8	
TO DUMP			10:50	650	
DUMPING			0:16	16	
TO CUT			10:11	611	
TOTALS			23:32	1412	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:18	18	
MINOR OPERATING REPAIRS			0:00	10	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:28	28	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED			WEATHER: SE 5-10 knots, Waves calm		
GALS OF WATER CONSUMED			FIELD		
REMARKS:					
10 Minutes Minor Repair 18 Minutes Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 35	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, September 27, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
3	7,905		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
131	345,185		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
134	353,090			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			0:51	51	
TURNING			0:00		
TO DUMP			7:14	434	
DUMPING			0:12	12	
TO CUT			6:35	395	
TOTALS			14:52	892	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			3:00	180	
TO AND FROM ANCHORAGE			2:02	122	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	246	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			9:08	548	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED			WEATHER: SE 5-10 knots, Waves calm		
GALS OF WATER CONSUMED			FIELD		
1600					
1419					
REMARKS:					
180 Minutes Fuel, Water, Supplies 246 Minutes Minor Repairs 122 Minutes To / From Dock					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 36			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Thursday, September 28, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8
4	10,540		Today: 0		AFT		16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
135	353,090		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
138	363,630				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:58		118	
TURNING				0:14		14	
TO DUMP				10:42		642	
DUMPING				0:16		16	
TO CUT				10:50		650	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: N 5 knots, Waves calm			
GALS OF FUEL OIL CONSUMED		3110					
GALS OF WATER CONSUMED		709		FIELD			
REMARKS:							
SUBMITTED BY:							



(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 37			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Friday, September 29, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
4	10,540		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
138	363,630		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
142	374,170				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:57		117	
TURNING				0:06		6	
TO DUMP				10:45		645	
DUMPING				0:16		16	
TO CUT				10:56		656	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: N 5 knots, Waves calm			
GALS OF FUEL OIL CONSUMED		3433					
GALS OF WATER CONSUMED		896		FIELD			
REMARKS:							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 38	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, September 30, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
142	374,170		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
146	384,710			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:16	136	
TURNING			0:06	6	
TO DUMP			10:53	653	
DUMPING			0:16	16	
TO CUT			10:22	622	
TOTALS			23:53	1433	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:07	7	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:07	7	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE	0:00 1440	
LOADING	FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: NE 10 knots, Waves 1 ft		
GALS OF FUEL OIL CONSUMED	3878				
GALS OF WATER CONSUMED	896		FIELD		
REMARKS: 7 Minutes Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 39	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			 MAINTENANCE  NEW WORK	DATE Sunday, October 1, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		LIGHT
2	5,270		Today: 0		8
Previous Total		Mobile 102-SW	Prev: 0		LOADED
146	384,710		To Date: 0		16
148	389,980				
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
EFFECTIVE WORKING TIME					
PUMPING				0:43 43	
TURNING				0:00	
TO DUMP				5:40 340	
DUMPING				0:08 8	
TO CUT				3:39 219	
TOTALS				10:10 610	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00 0	
TO AND FROM ANCHORAGE				0:00 0	
LOSS DUE TO NATURAL ELEMENTS				13:50 830	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00 0	
MINOR OPERATING REPAIRS				0:00 0	
TRANSFERRING BETWEEN WORKS				0:00 0	
LAY TIME				0:00 0	
MISCELLANEOUS				0:00 0	
TOTALS				13:50 830	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	
CESSATION				0:00	
COLLISIONS				0:00	
TOTAL LOST TIME				0:00 0	
TOTAL TIME IN PERIOD		1440			
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE 0:00 1440	
LOADING		FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF	
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.	
GALS OF FUEL OIL CONSUMED		1413		WEATHER: E 25-30 knots, Waves 6+ ft	
GALS OF WATER CONSUMED		895		FIELD	
REMARKS: 830 Minutes Weather					
SUBMITTED BY:					



(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 40			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, October 2, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8
0	0		Today: 0		AFT		16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
148	389,980		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
148	389,980				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:00		0	
TURNING				0:00		0	
TO DUMP				0:00		0	
DUMPING				0:00		0	
TO CUT				0:00		0	
TOTALS				0:00		0	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		1440	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		1440	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		105		WEATHER: E 25-30 knots, Waves 6+ ft			
GALS OF WATER CONSUMED		1009		FIELD			
REMARKS: 1440 Minutes Weather							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 41			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, October 3, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8
0	0		Today: 0		AFT		16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
148	389,980		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
148	389,980				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:00		0	
TURNING				0:00		0	
TO DUMP				0:00		0	
DUMPING				0:00		0	
TO CUT				0:00		0	
TOTALS				0:00		0	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		1440	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		1440	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: E 25-30 knots, Waves 6+ ft			
GALS OF FUEL OIL CONSUMED		311					
GALS OF WATER CONSUMED		1083		FIELD			
REMARKS: 1440 Minutes Weather							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 42	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			 MAINTENANCE  NEW WORK	DATE Wednesday, October 4, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		LIGHT LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD
0	0		Today: 0		8 16
Previous Total			Prev: 0		AFT
148			389,980		10 16
Mobile 102-SW			To Date: 0		DRAG DEPTH
					INDICATORS LAST CHECKED ON 8/4/2017
					GAS INJECTORS USED
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			0:00	0	
TURNING			0:00	0	
TO DUMP			0:00	0	
DUMPING			0:00	0	
TO CUT			0:00	0	
TOTALS			0:00	0	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	1440	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	1440	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED 100			WEATHER: Winds 25-30 knots, Waves 6-8 ft		
GALS OF WATER CONSUMED 860			FIELD		
REMARKS: 1440 Minutes Weather					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 43	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 15px; background-color: black;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 15px; background-color: white;"></div> NEW WORK </div>		DATE Thursday, October 5, 2017
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD
3	7,905		Today: 0		LIGHT 8 LOADED 16
Previous Total		Mobile 102-SW	Prev: 0		AFT 10 16
148	389,980		To Date: 0		DRAG DEPTH
151	397,885				INDICATORS LAST CHECKED ON 8/4/2017
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
EFFECTIVE WORKING TIME				MILES RUN (Stat. Miles)	
PUMPING				1:23	83
TURNING				0:07	7
TO DUMP				8:19	499
DUMPING				0:12	12
TO CUT				7:46	466
TOTALS				17:47	1067
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00	0
TO AND FROM ANCHORAGE				0:00	0
LOSS DUE TO NATURAL ELEMENTS				6:13	373
LOSS DUE TO TRAFFIC AND BRIDGES				0:00	0
MINOR OPERATING REPAIRS				0:00	0
TRANSFERRING BETWEEN WORKS				0:00	0
LAY TIME				0:00	0
MISCELLANEOUS				0:00	0
TOTALS				6:13	373
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	
CESSATION				0:00	
COLLISIONS				0:00	
TOTAL LOST TIME				0:00	0
TOTAL TIME IN PERIOD		1440			
AVERAGE SPEED OF DREGE			MINUTES RADAR IN USE 0:00 1440		
		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF	
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.	
AGITATING		WEATHER: Winds 25-30 knots, Waves 6-8 ft Diminishing			
GALS OF FUEL OIL CONSUMED		1026			
GALS OF WATER CONSUMED		784		FIELD	
REMARKS: 373 Minutes Weather					
SUBMITTED BY:					
(SEE REVERSE SIDE)					

BREAKDOWN OF LOADS DREDGED AND HAULED													Friday, October 6, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 44	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
152		28	56	28		165	4	28	225				2635				
153		623	646	23		175	4	158	360				2635				
154		1213	1246	27	6	171	4	148	356				2635				
155		1823	1847	24		174	4	152	354				2635				
156								135	135								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
10 Minutes Traffic 0 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 45			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, October 7, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
1	2,635		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH	10	16
155	408,425		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
156	411,060				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME							
PUMPING			0:28		28		
TURNING			0:00		0		
TO DUMP			2:52		172		
DUMPING			0:04		4		
TO CUT			2:46		166		
TOTALS			6:10		370		
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES			0:00		0		
TO AND FROM ANCHORAGE			0:55		55		
LOSS DUE TO NATURAL ELEMENTS			16:55		1015		
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0		
MINOR OPERATING REPAIRS			0:00		0		
TRANSFERRING BETWEEN WORKS			0:00		0		
LAY TIME			0:00		0		
MISCELLANEOUS			0:00		0		
TOTALS			17:50		1070		
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS			0:00		0		
CESSATION			0:00		0		
COLLISIONS			0:00		0		
TOTAL LOST TIME			0:00		0		
TOTAL TIME IN PERIOD	1440						
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440		
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.				
GALS OF FUEL OIL CONSUMED			WEATHER: Winds E 15 knots increasing, Waves 16-20 ft, Hurricane Nate				
GALS OF WATER CONSUMED			FIELD				
REMARKS:							
55 Minutes To anf From Dock 1015 Minute Weather Hurricane Nate							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 46			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Sunday, October 8, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		8
0	0		Today: 0		AFT		16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
156	411,060		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
156	411,060				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:00		0	
TURNING				0:00		0	
TO DUMP				0:00		0	
DUMPING				0:00		0	
TO CUT				0:00		0	
TOTALS				0:00		0	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		1440	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		1440	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE			
		FEET / MINUTE				0:00 1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		560		WEATHER: Winds 40+, Waves 10+ ft, Hurricane Nate			
GALS OF WATER CONSUMED		784		FIELD			
REMARKS:							
1440 Minute Weather Hurricane Nate							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 47			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, October 9, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
1	2,635		Today: 0		AFT		8 16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
156	411,060		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
157	413,695				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME							
PUMPING			0:31		31		
TURNING			0:05		5		
TO DUMP			2:55		175		
DUMPING			0:04		4		
TO CUT			1:08		68		
TOTALS			4:43		283		
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES			0:00		0		
TO AND FROM ANCHORAGE			0:55		55		
LOSS DUE TO NATURAL ELEMENTS			13:18		798		
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0		
MINOR OPERATING REPAIRS			0:00		0		
TRANSFERRING BETWEEN WORKS			0:00		0		
LAY TIME			0:00		0		
MISCELLANEOUS			5:04		304		
TOTALS			19:17		1157		
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS			0:00		0		
CESSATION			0:00		0		
COLLISIONS			0:00		0		
TOTAL LOST TIME			0:00		0		
TOTAL TIME IN PERIOD	1440						
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440		
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF				
AGITATING		220	GAGE: NOAA tide gauge at Dog River Bridge.				
GALS OF FUEL OIL CONSUMED		185	WEATHER: South Winds 15 kts, Waves 5-6 ft, Hurricane Nate - Channel Close at Night				
GALS OF WATER CONSUMED		672	FIELD				
REMARKS:							
798 Minutes For Hurricane Nate 55 Minutes to and From Dock 304 Minutes Channel Closed by USCG Condition Zulu							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 48			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, October 10, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
2	5,270		Today: 0			8	16
Previous Total		Mobile 102-SW	Prev: 0		AFT	10	16
157	413,695		To Date: 0		DRAG DEPTH		
159	418,965				INDICATORS LAST CHECKED ON	8/4/2017	
				GAS INJECTORS USED			
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:02		62	
TURNING				0:05		5	
TO DUMP				5:19		319	
DUMPING				0:08		8	
TO CUT				4:57		297	
TOTALS				11:31		691	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				12:29		749	
TOTALS				12:29		749	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: South Winds 5 kts, Waves calm with morning fog			
GALS OF FUEL OIL CONSUMED		2337					
GALS OF WATER CONSUMED		784		FIELD			
REMARKS: 749 Minutes Channel Closed by USCG Condition Zulu							
SUBMITTED BY:							

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Wednesday, October 11, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 49	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
160		827	902	30	5	125	4	99	263				2635				
161		1419	1450	31		169	4	158	362				2635				
162		1958	2021	23		166	4	135	328				2635				
163								34	34								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
408 Minutes Channel Closed by USCG Condition Zulu 45 Minutes Minor Repairs 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
IDIQ Rental of Hopper Dredge and Attendant Plant
W91278-17-D-0092
Task Order 0001

REPORTS CONTROL SYMBOL
ENG CW-0-13 REPORT: **50**

DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="border: 1px solid black; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE		DATE Thursday, October 12, 2017		
		<div style="border: 1px solid black; width: 20px; height: 10px; background-color: white; margin-bottom: 5px;"></div> NEW WORK		NUMBER OF PERSONS IN CREW 13			
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							

RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO			
DREDGING AND HAULING			AGITATING				AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT	LOADED	
4	10,540		Today: 0	AFT	8	16	
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10	16	
162	426,870		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017		
166	437,410			GAS INJECTORS USED			

DISTRIBUTION OF TIME

	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		2:00	120
TURNING		0:05	5
TO DUMP		10:48	648
DUMPING		0:38	38
TO CUT		10:12	612
TOTALS		23:43	1423
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		0:17	17
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		0:17	17
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		

AVERAGE SPEED OF DREDGE	FEET / MINUTE	MINUTES RADAR IN USE
LOADING	220	0:00 1440
AGITATING		TIDE DATA WAS OBTAINED BY MEANS OF
GALS OF FUEL OIL CONSUMED	3165	GAGE: NOAA tide gauge at Dog River Bridge.
GALS OF WATER CONSUMED	1008	WEATHER: NE Winds 10 kts, Waves 1-2 ft
REMARKS:		FIELD

17 Minutes Traffic

SUBMITTED BY:

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 51	
DISTRICT				DREDGE	
U.S. ARMY COE, MOBILE DISTRICT				M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK </div>	DATE Friday, October 13, 2017	
				NUMBER OF PERSONS IN CREW 13	
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
166	437,410		To Date: 0	INDICATORS LAST CHECKED ON 8/4/2017	
170	447,950			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:03	123	
TURNING			0:14	14	
TO DUMP			10:52	652	
DUMPING			0:16	16	
TO CUT			10:29	629	
TOTALS			23:54	1434	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:06	6	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:06	6	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED		3122	WEATHER: NE Winds 10 kts, Waves 1-2 ft		
GALS OF WATER CONSUMED		672	FIELD		
REMARKS:					
6 Minutes Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 52				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 3 Sta 704+00 to 794+00			<div style="display: flex; justify-content: space-around;"> <div style="border: 2px solid black; width: 20px; height: 15px; background-color: black;"></div> MAINTENANCE <div style="border: 2px solid black; width: 20px; height: 15px; background-color: white;"></div> NEW WORK </div>		DATE Saturday, October 14, 2017			
				NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	9000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	29.8	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)								
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING					
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED	
4	10,540		Today: 0		AFT	8	16	
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH	8/4/2017		
170	447,950		To Date: 0		INDICATORS LAST CHECKED ON			
174	458,490				GAS INJECTORS USED			
DISTRIBUTION OF TIME								
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME								
PUMPING				2:25		145		
TURNING				0:15		15		
TO DUMP				10:12		612		
DUMPING				0:16		16		
TO CUT				10:37		637		
TOTALS				23:45		1425		
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES				0:00		0		
TO AND FROM ANCHORAGE				0:00		0		
LOSS DUE TO NATURAL ELEMENTS				0:00		0		
LOSS DUE TO TRAFFIC AND BRIDGES				0:15		15		
MINOR OPERATING REPAIRS				0:00		0		
TRANSFERRING BETWEEN WORKS				0:00		0		
LAY TIME				0:00		0		
MISCELLANEOUS				0:00		0		
TOTALS				0:15		15		
LOST TIME								
MAJOR REPAIRS AND ALTERATIONS				0:00				
CESSATION				0:00				
COLLISIONS				0:00				
TOTAL LOST TIME				0:00		0		
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440		
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.				
AGITATING				WEATHER: SE Winds 10-15 kts, Waves 3 ft				
GALS OF FUEL OIL CONSUMED		3478						
GALS OF WATER CONSUMED		598		FIELD				
REMARKS: 15 Minutes Traffic								
SUBMITTED BY:								

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 53			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Sunday, October 15, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
6	15,810		Today: 0			8	16
Previous Total		Mobile 102-SW	Prev: 0		AFT	10	16
174	458,490		To Date: 0		DRAG DEPTH		
180	474,300				INDICATORS LAST CHECKED ON	8/4/2017	
					GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:38		158	
TURNING				0:06		6	
TO DUMP				11:36		696	
DUMPING				0:24		24	
TO CUT				8:56		536	
TOTALS				23:40		1420	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:05		5	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:15		15	
TOTALS				0:20		20	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: SE Winds 10-15 kts, Waves 2 ft			
GALS OF FUEL OIL CONSUMED		3075					
GALS OF WATER CONSUMED		561		FIELD			
REMARKS: 5 Minutes Traffic 15 Minutes Crewboat Load 174 from Area 4 Sta 1220+00 1280+00							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 54	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, October 16, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
					AV UNFILLED CAPACITY
					0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
5	13,175		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
180	474,300		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
185	487,475			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:41	161	
TURNING			0:06	6	
TO DUMP			9:15	555	
DUMPING			0:20	20	
TO CUT			10:37	637	
TOTALS			22:59	1379	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:18	18	
MINOR OPERATING REPAIRS			0:00	43	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			1:01	61	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440		MINUTES RADAR IN USE		0:00 1440
AVERAGE SPEED OF DREDGE	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: N Winds 25 kts, Waves 3 ft		
GALS OF FUEL OIL CONSUMED	2661				
GALS OF WATER CONSUMED	748		FIELD		
REMARKS: <div style="text-align: center;"> 18 Minutes Traffic 43 Minutes Minor Repair </div>					
SUBMITTED BY:					

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 55			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, October 17, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
2	5,270		Today: 0		AFT		8 16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
185	487,475		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
187	492,745				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME							
PUMPING			1:03		63		
TURNING			0:00		0		
TO DUMP			4:13		253		
DUMPING			0:34		34		
TO CUT			3:34		214		
TOTALS			9:24		564		
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES			4:25		265		
TO AND FROM ANCHORAGE			3:16		196		
LOSS DUE TO NATURAL ELEMENTS			0:00		0		
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0		
MINOR OPERATING REPAIRS			0:00		0		
TRANSFERRING BETWEEN WORKS			0:00		0		
LAY TIME			0:00		0		
MISCELLANEOUS			6:55		415		
TOTALS			14:36		876		
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS			0:00		0		
CESSATION			0:00		0		
COLLISIONS			0:00		0		
TOTAL LOST TIME			0:00		0		
TOTAL TIME IN PERIOD	1440						
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440		
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF				
AGITATING		220	GAGE: NOAA tide gauge at Dog River Bridge.				
GALS OF FUEL OIL CONSUMED		1000	WEATHER: NE Winds 10 kts, Waves 2 ft				
GALS OF WATER CONSUMED		748	FIELD				
REMARKS:							
196 Minutes To / From Dock 265 Minutes Fuel, Water, and Supplies 415 Minutes Misc. Shipyard Inspections							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 56			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 & 3 Sta 1220+00 to 1280+00 Sta 704+00 to 794+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, October 18, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
5	13,175		Today: 0			8	16
Previous Total		Mobile 102-SW	Prev: 0		AFT	10	16
187	492,745		To Date: 0		DRAG DEPTH		
192	505,920				INDICATORS LAST CHECKED ON	8/4/2017	
					GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:35		155	
TURNING				0:00		0	
TO DUMP				11:31		691	
DUMPING				0:20		20	
TO CUT				9:34		574	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE			
		FEET / MINUTE		0:00		1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		3383		WEATHER: NE Winds 10 kts, Waves 2 ft			
GALS OF WATER CONSUMED		561		FIELD			
REMARKS:							
Load 192 Dredged from Area 3 Sta 704+00 to 794+00.							
SUBMITTED BY:							

(SEE REVERSE SIDE)



DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 57			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Thursday, October 19, 2017			
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
6	15,810		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
192	505,920		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
198	521,730				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)			MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING			2:28			148	
TURNING			0:11			11	
TO DUMP			10:16			616	
DUMPING			0:24			24	
TO CUT			10:31			631	
TOTALS			23:50			1430	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES			0:00			0	
TO AND FROM ANCHORAGE			0:00			0	
LOSS DUE TO NATURAL ELEMENTS			0:00			0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:10			10	
MINOR OPERATING REPAIRS			0:00			0	
TRANSFERRING BETWEEN WORKS			0:00			0	
LAY TIME			0:00			0	
MISCELLANEOUS			0:00			0	
TOTALS			0:10			10	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS			0:00			0	
CESSATION			0:00			0	
COLLISIONS			0:00			0	
TOTAL LOST TIME			0:00			0	
TOTAL TIME IN PERIOD	1440						
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440	
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.				
GALS OF FUEL OIL CONSUMED			4235		WEATHER: NE Winds 10 kts, Waves 2 ft		
GALS OF WATER CONSUMED			748		FIELD		
REMARKS: 10 Minutes Traffic							
SUBMITTED BY:							

(SEE REVERSE SIDE)

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 58	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> MAINTENANCE </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; border: 1px solid black; margin-right: 5px;"></div> NEW WORK </div>	DATE Friday, October 20, 2017	
				NUMBER OF PERSONS IN CREW 13	
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		LIGHT
5	13,175		Today: 0		8
Previous Total		Mobile 102-SW	Prev: 0		LOADED
198	521,730		To Date: 0		16
203	534,905				10
				DRAG DEPTH	
				INDICATORS LAST CHECKED ON 8/4/2017	
				GAS INJECTORS USED	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
				MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME					
PUMPING				2:59	179
TURNING				0:06	6
TO DUMP				10:52	652
DUMPING				0:20	20
TO CUT				9:31	571
TOTALS				23:48	1428
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00	0
TO AND FROM ANCHORAGE				0:00	0
LOSS DUE TO NATURAL ELEMENTS				0:12	12
LOSS DUE TO TRAFFIC AND BRIDGES				0:00	0
MINOR OPERATING REPAIRS				0:00	0
TRANSFERRING BETWEEN WORKS				0:00	0
LAY TIME				0:00	0
MISCELLANEOUS				0:00	0
TOTALS				0:12	12
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	0
CESSATION				0:00	0
COLLISIONS				0:00	0
TOTAL LOST TIME				0:00	0
TOTAL TIME IN PERIOD		1440			
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE 0:00 1440	
LOADING		FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF	
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.	
GALS OF FUEL OIL CONSUMED		3004		WEATHER: NE Winds 10 kts, Waves 2 ft	
GALS OF WATER CONSUMED		1496		FIELD	
REMARKS: 12 Minutes Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Friday, October 20, 2017			
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 58	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
199		19	51	32		106	4	19	161				2635				
200		451	522	31		114	4	118	267				2635				
201		907	937	30		122	4	107	263				2635				
202		1339	1409	30		116	4	116	266				2635				
203		1800	1836	30	6	117	4	111	268				2635				
204		2217	2243	26		77		100	203								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
12 Minutes Traffic 0 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	



DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13		REPORT: 59	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			 MAINTENANCE  NEW WORK		DATE Saturday, October 21, 2017		
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
3	7,905		Today: 0		AFT	10	16
Previous Total			Prev: 0		DRAG DEPTH		
203	534,905	Mobile 102-SW	To Date: 0		INDICATORS LAST CHECKED ON 8/4/2017		
206	542,810		GAS INJECTORS USED				
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME							
PUMPING			0:59		59		
TURNING			0:00		0		
TO DUMP			4:24		264		
DUMPING			0:12		12		
TO CUT			4:52		292		
TOTALS			10:27		627		
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES			0:00		0		
TO AND FROM ANCHORAGE			0:00		0		
LOSS DUE TO NATURAL ELEMENTS			13:33		813		
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0		
MINOR OPERATING REPAIRS			0:00		0		
TRANSFERRING BETWEEN WORKS			0:00		0		
LAY TIME			0:00		0		
MISCELLANEOUS			0:00		0		
TOTALS			13:33		813		
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS			0:00		0		
CESSATION			0:00		0		
COLLISIONS			0:00		0		
TOTAL LOST TIME			0:00		0		
TOTAL TIME IN PERIOD	1440						
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440		
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.				
GALS OF FUEL OIL CONSUMED	1072		WEATHER: E Winds 20-30 kts, Waves 5-7 ft				
GALS OF WATER CONSUMED	1122		FIELD				
REMARKS: 813 Minutes Weather							
SUBMITTED BY:							

ENG FORM 27A, Apr 73

(SEE REVERSE SIDE)
REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dutragrou
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2017.10.23 08:37

BREAKDOWN OF LOADS DREDGED AND HAULED														Saturday, October 21, 2017			
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 59	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
204						44	4		48				2635				
205		254	325	31		103	4	126	264				2635				
206		707	735	28		117	4	115	264				2635				
207								51	51								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)				TEST LOAD No.				DATE OF TEST					
REMARKS																	
813 Minutes Weather 0 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 60			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT			DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00		 MAINTENANCE  NEW WORK	DATE Sunday, October 22, 2017				
			NUMBER OF PERSONS IN CREW 13				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT	LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
1	2,635		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
206	542,810		To Date: 0		INDICATORS LAST CHECKED ON		
207	545,445				8/4/2017		
						GAS INJECTORS USED	
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:24		24	
TURNING				0:00		0	
TO DUMP				2:06		126	
DUMPING				0:04		4	
TO CUT				1:08		68	
TOTALS				3:42		222	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				20:18		1218	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				20:18		1218	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
LOADING				WEATHER: E Winds 20-30 kts, Waves 5-7 ft			
AGITATING							
GALS OF FUEL OIL CONSUMED		1018					
GALS OF WATER CONSUMED		561		FIELD			
REMARKS: 1218 Minutes Weather							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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2017.10.23 08:50

BREAKDOWN OF LOADS DREDGED AND HAULED

Sunday, October 22, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 60	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
207 208		2112	2136	24		126	4	54 14	208 14				2635				

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds..)	TEST LOAD No.	DATE OF TEST
------------------------	----------------------------	---------------	--------------

REMARKS

1218 Minutes Weather
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 61	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT			DREDGE M / V COLUMBIA		
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Monday, October 23, 2017		
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	6000 FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387 CU YDS
AV WIDTH OF CUT	400 FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER	0 CU YDS
AV DIST TO DUMP	20.3 Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY	0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED			DRAFT FOR LOAD NO		
DREDGING AND HAULING		AGITATING		AVG	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
207	545,445		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
207	555,985			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:20	140	
TURNING			0:11	11	
TO DUMP			8:47	527	
DUMPING			0:16	16	
TO CUT			9:26	566	
TOTALS			21:00	1260	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:20	20	
MINOR OPERATING REPAIRS			0:00	160	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME			3:00	180	
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440			0:00	0
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE		0:00	1440
LOADING	FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF			
	220	GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING		WEATHER: NW Winds 10 kts, Waves 2 ft			
GALS OF FUEL OIL CONSUMED	2809	FIELD			
GALS OF WATER CONSUMED	748				
REMARKS:					
20 Min Traffic 160 Min Minor Repairs					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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2017.10.24 09:43

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, October 23, 2017

REPORT:
61

LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
208		200	235	30	5	105	4	120	264				2635				
209		634	702	28		114	4	115	261				2635				
210		1345	1422	31	6	112	4	125	278				2635				
211		1807	1833	26		124	4	109	263				2635				
212		2223	2248	25		72		97	194								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds.)	TEST LOAD No.	DATE OF TEST
------------------------	--------------------------	---------------	--------------

REMARKS

20 Min Traffic
160 Min Minor Repairs
0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES				REPORTS CONTROL SYMBOL	
IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				ENGW-0-13 REPORT: 62	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT			DREDGE M / V COLUMBIA		
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Tuesday, October 24, 2017		
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	6000 FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387 CU YDS
AV WIDTH OF CUT	400 FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER	0 CU YDS
AV DIST TO DUMP	20.3 Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY	0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED			DRAFT FOR LOAD NO		
DREDGING AND HAULING		AGITATING		AVG	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
6	15,810		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
211	555,985		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
217	571,795			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:28	148	
TURNING			0:13	13	
TO DUMP			10:21	621	
DUMPING			0:24	24	
TO CUT			10:07	607	
TOTALS			23:33	1413	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:27	27	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:27	27	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440			0:00	1440
AVERAGE SPEED OF DREDGE	FEET / MINUTE		MINUTES RADAR IN USE		
	220		0:00 1440		
LOADING			TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	2573		WEATHER: NW Winds 10 kts, Waves 2 ft		
GALS OF WATER CONSUMED	1122		FIELD		
REMARKS: 27 Min Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Tuesday, October 24, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 62	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
212						49	4		53				2635				
213		241	313	32		114	4	108	258				2635				
214		708	737	29		111	4	117	261				2635				
215		1158	1227	29		103	4	119	255				2635				
216		1557	1643	33	13	119	4	103	272				2635				
217		2033	2058	25		125	4	107	261				2635				
218								53	53								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)				TEST LOAD No.				DATE OF TEST					
REMARKS																	
27 Min Traffic 0 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGW-0-13 REPORT: 64	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> MAINTENANCE <div style="width: 20px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> NEW WORK </div>		DATE Thursday, October 26, 2017
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
6	15,810		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
222	584,970		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
228	600,780			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:15	135	
TURNING			0:12	12	
TO DUMP			10:41	641	
DUMPING			0:24	24	
TO CUT			10:28	628	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		
FEET / MINUTE			0:00 1440		
LOADING	220		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	3172		WEATHER: Winds 5 kts, Waves 1 ft		
GALS OF WATER CONSUMED	935		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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2017.10.27 09:21

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, October 26, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 64	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
223						66	4		70				2635				
224		255	328	27	6	106	4	105	248				2635				
225		712	742	30		114	4	114	262				2635				
226		1132	1157	25		114	4	112	255				2635				
227		1541	1615	28	6	113	4	106	257				2635				
228		1948	2013	25		128	4	96	253				2635				
229								95	95								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)				TEST LOAD No.				DATE OF TEST					
REMARKS																	
0																	
0																	
0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGW-0-13 REPORT: 65	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Friday, October 27, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED			DRAFT FOR LOAD NO		AVG
DREDGING AND HAULING			AGITATING		LIGHT LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	8 16
5	13,175		Today: 0	AFT	10 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
229	584,970		To Date: 0	INDICATORS LAST CHECKED ON 8/4/2017	
233	598,145			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:50	170	
TURNING			0:06	6	
TO DUMP			11:26	686	
DUMPING			0:20	20	
TO CUT			9:18	558	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: Winds 15 kts, Waves 3-5 ft		
GALS OF FUEL OIL CONSUMED	2845				
GALS OF WATER CONSUMED	935		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.10.28 10:01

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, October 27, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 65		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		229	4	32	28		124	4	4	160				2635				
230	428	501	27	6	106	4	108	251				2635						
231	848	912	24		113	4	117	258				2635						
232	1259	1328	29		116	4	110	259				2635						
233	1709	1741	32		137	4	101	274				2635						
234	2200	2230	30		90		118	238										
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
0																		
0																		
0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENGCW-0-13 REPORT: 66

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL
 Dredge Area 4
 Sta 1220+00 to 1280+00

MAINTENANCE
 NEW WORK

DATE Saturday, October 28, 2017
 NUMBER OF PERSONS IN CREW 12

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
4	10,540		Today:	0	AFT	8	16
Previous Total		Mobile 102-SW	Prev:	0	DRAG DEPTH	10	16
233	598,145		To Date:	0	INDICATORS LAST CHECKED ON	8/4/2017	
237	608,685				GAS INJECTORS USED		

	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:21	81	
TURNING			0:00	0	
TO DUMP			6:40	400	
DUMPING			0:16	16	
TO CUT			7:16	436	
TOTALS			15:33	933	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			5:38	338	
TO AND FROM ANCHORAGE			2:49	169	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			8:27	507	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE	0:00	1440

LOADING FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
 AGITATING WEATHER: Winds NW 25 kts, Waves 3-5 ft
 GALS OF FUEL OIL CONSUMED 975
 GALS OF WATER CONSUMED 935 FIELD

REMARKS:
 169 Min @ 0% pay to and from dock
 338 Min @ 0% pay fueling and supplies

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, October 28, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 66		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
234						50	4		54				2635					
235		244	309	25		114	4	110	253				2635					
236		1539	1611	32		105	4	125	266				2635					
237		1945	2009	24		105	4	125	258				2635					
238								96	96									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds.)				TEST LOAD No.				DATE OF TEST						
REMARKS 169 Min @ 0% pay to and from dock 338 Min @ 0% pay fueling and supplies 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 67			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Sunday, October 29, 2017 NUMBER OF PERSONS IN CREW 12			
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
5	13,175		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
237	624,495		To Date: 0		INDICATORS LAST CHECKED ON		
242	637,670				8/4/2017		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:37		157	
TURNING				0:00		0	
TO DUMP				11:34		694	
DUMPING				0:20		20	
TO CUT				9:29		569	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds NW 10 kts, Waves 3 ft			
GALS OF FUEL OIL CONSUMED		3816					
GALS OF WATER CONSUMED		1008		FIELD			
REMARKS:							
SUBMITTED BY:							

ENG FORM 27A, Apr 73

(SEE REVERSE SIDE)
REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.agreniuk@dustragrou
p.com
2017.10.30 11:43

BREAKDOWN OF LOADS DREDGED AND HAULED													Sunday, October 29, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 67	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
238		13	39	26		115	4	13	158				2635				
239		437	505	28		122	4	119	273				2635				
240		858	922	24		115	4	107	250				2635				
241		1311	1338	27		116	4	110	257				2635				
242		1730	1755	25		124	4	112	265				2635				
243		2151	2218	27		102		108	237								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.			DATE OF TEST					
REMARKS																	
0																	
0																	
0																	
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 68			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT			DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00		<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> MAINTENANCE <div style="width: 20px; height: 10px; border: 1px solid black; margin-right: 5px;"></div> NEW WORK </div>	DATE Monday, October 30, 2017		NUMBER OF PERSONS IN CREW 12		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS			8	16
1	2,635		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
242	637,670		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
243	640,305				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:00		0	
TURNING				0:00		0	
TO DUMP				0:30		30	
DUMPING				0:17		17	
TO CUT				0:00		0	
TOTALS				0:47		47	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				23:13		1393	
TOTALS				23:13		1393	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds NW 5 kts, Waves 1-2 ft			
GALS OF FUEL OIL CONSUMED		100					
GALS OF WATER CONSUMED		100		FIELD			
REMARKS:							
At 00:47 End of Task Order 0001 1393 Minutes @ 0 % Pay - End of TO 0001							
SUBMITTED BY:							

ENG FORM 27A, Apr 73

(SEE REVERSE SIDE)
REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.agreniuk@dustragrou
p.com
2017.10.31 11:19

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, October 30, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of In place material)</i>					MID-DEPTH SAMPLES		REPORT: 68
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	
243		0	0	0		30	17	0	47				2635				

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

At 00:47 End of Task Order 0001
1393 Minutes @ 0 % Pay – End of TO 0001

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGWC-0-13 REPORT: 63	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 4 Sta 1220+00 to 1280+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Wednesday, October 25, 2017	
			NUMBER OF PERSONS IN CREW 13		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	20.3	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
5	13,175		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
217	571,795		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
222	584,970			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:40	160	
TURNING			0:06	6	
TO DUMP			10:31	631	
DUMPING			0:20	20	
TO CUT			9:47	587	
TOTALS			23:24	1404	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:12	12	
MINOR OPERATING REPAIRS			0:00	24	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:36	36	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
	220		GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: NW Winds 10 kts, Waves 2 ft		
GALS OF FUEL OIL CONSUMED	3121				
GALS OF WATER CONSUMED	1309		FIELD		
REMARKS:					
12 Min Traffic 24 Min Minor Repairs					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, October 25, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 63	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
218		46	114	28		120	4	46	198				2635				
219		534	556	22		102	4	112	240				2635				
220		934	1009	29	6	100	4	112	251				2635				
221		1359	1427	28		117	4	114	263				2635				
222		1812	1837	25		132	4	104	265				2635				
223		2232	2300	28		60		99	187								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds..)	TEST LOAD No.	DATE OF TEST
------------------------	----------------------------	---------------	--------------

REMARKS

12 Min Traffic
24 Min Minor Repairs
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 89				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			<div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> NEW WORK	DATE Monday, November 20, 2017 NUMBER OF PERSONS IN CREW 12				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING		FORWARD		LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				8	16
1	2,635		Today: 0		AFT		10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH			
243	640,305		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017	
244	642,940				GAS INJECTORS USED			
DISTRIBUTION OF TIME								
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME								
PUMPING				0:55		55		
TURNING				0:00		0		
TO DUMP				3:27		207		
DUMPING				0:12		12		
TO CUT				1:36		96		
TOTALS				6:10		370		
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES				0:00		0		
TO AND FROM ANCHORAGE				0:00		0		
LOSS DUE TO NATURAL ELEMENTS				0:00		0		
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0		
MINOR OPERATING REPAIRS				0:00		0		
TRANSFERRING BETWEEN WORKS				4:55		295		
LAY TIME				0:00		0		
MISCELLANEOUS				0:00		0		
TOTALS				12:55		775		
LOST TIME				17:50		1070		
MAJOR REPAIRS AND ALTERATIONS				0:00		0		
CESSATION				0:00		0		
COLLISIONS				0:00		0		
TOTAL LOST TIME				0:00		0		
TOTAL TIME IN PERIOD		1440						
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440		
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
		220		GAGE: NOAA tide gauge at Dog River Bridge.				
AGITATING				WEATHER: Winds 5 kts, Waves 1-2 ft				
GALS OF FUEL OIL CONSUMED		2866						
GALS OF WATER CONSUMED		374		FIELD				
REMARKS: 775 min @ 0% Pay -- Misc Working on Task Order 2 Pascagoula 295 min @ 70 % Pay -- Transferring to and from Works								
SUBMITTED BY:								

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.11.21 11:53

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, November 20, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 89		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
244		1750	1819	29		107	12	0	148				2635					
245		2154	2220	26		100		96										
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)				TEST LOAD No.				DATE OF TEST						
REMARKS 775 min @ 0% Pay -- Misc Working on Task Order 2 Pascagoula 295 min @ 70 % Pay -- Transferring to and from Works																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENG CW-0-13 REPORT: 90

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK
 Mobile Harbor Ship Channel, Mobile AL
 Dredge Area 5
 Sta 1280+00 to 1340+00

MAINTENANCE
 NEW WORK

DATE Tuesday, November 21, 2017
 NUMBER OF PERSONS IN CREW 12

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD	LIGHT	LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
6	15,810		Today: 0		8	16	
Previous Total		Mobile 102-SW		AFT	10	16	
244	642,940		Prev: 0	DRAG DEPTH			
250	658,750		To Date: 0	INDICATORS LAST CHECKED ON		8/4/2017	
				GAS INJECTORS USED			

DISTRIBUTION OF TIME			
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		2:27	147
TURNING		0:00	0
TO DUMP		9:35	575
DUMPING		0:52	52
TO CUT		9:44	584
TOTALS		22:38	1358
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		1:00	60
MINOR OPERATING REPAIRS		0:00	12
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:10	10
TOTALS		1:22	82
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE	0:00 1440

LOADING FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
 AGITATING WEATHER: Winds 5 kts, Waves 1-2 ft
 GALS OF FUEL OIL CONSUMED 2679
 GALS OF WATER CONSUMED 561 FIELD

REMARKS:
 60 min @ 70% Pay -- Traffic
 12 min @ 0 % Pay -- Minor Repairs
 10 min @ 0% Pay -- Misc Other

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Tuesday, November 21, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 90		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		245						15	30	0	45				2635			
246		247	319	32		105	4	109	250				2635					
247		712	743	31		109	4	109	253				2635					
248		1127	1155	28		126	4	99	257				2635					
249		1618	1647	29		116	6	103	254				2635					
250		2047	2114	27		104	4	106	241				2635					
251								58	58									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

60 min @ 70% Pay -- Traffic
12 min @ 0 % Pay -- Minor Repairs

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGW-0-13 REPORT: 91	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			<div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> NEW WORK	DATE Wednesday, November 22, 2017 NUMBER OF PERSONS IN CREW 12	
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL	HOPPER CAPACITY	4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
AV UNFILLED CAPACITY 0 CU YDS					
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED			DRAFT FOR LOAD NO		AVG
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT
3	7,905		Today: 0	AFT	LOADED
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
250	658,750		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
253	666,655			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING				1:54	114
TURNING				0:00	0
TO DUMP				8:17	377
DUMPING				0:42	42
TO CUT				6:16	376
TOTALS				15:09	909
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				5:07	307
TO AND FROM ANCHORAGE				3:00	180
LOSS DUE TO NATURAL ELEMENTS				0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES				0:20	20
MINOR OPERATING REPAIRS				0:00	24
TRANSFERRING BETWEEN WORKS				0:00	0
LAY TIME				0:00	0
MISCELLANEOUS				0:00	0
TOTALS				8:51	531
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	
CESSATION				0:00	
COLLISIONS				0:00	
TOTAL LOST TIME				0:00	0
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE	0:00	1440
LOADING	FEET / MINUTE	220	TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: Winds 5 kts, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED	1479		FIELD		
GALS OF WATER CONSUMED	935				
REMARKS: 20 min @ 70% Pay -- Traffic 24 min @ 0 % Pay -- Minor Repairs 307 min @ 0% Pay -- Misc Other taking on supplies 180 min @ 0% Pay -- to/ from Dock					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.11.23 08:22

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, November 22, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES				CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 91		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE		PER ELAPSED MINUTE	DENSITY GMS/LITER ***
251		45	113	28		107	34	45	214				2635				
252		1359	1430	31		107	4	128	270				2635				
253		1804	1833	29		111	4	103	247				2635				
254		2242	2308	26		52		100	178								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

20 min @ 70% Pay -- Traffic
 24 min @ 0 % Pay -- Minor Repairs

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES

IDIQ Rental of Hopper Dredge and Attendant Plant
W91278-17-D-0092
Task Order 0001

REPORTS CONTROL SYMBOL
ENG CW-0-13 REPORT: 92

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00
MAINTENANCE
NEW WORK
DATE Thursday, November 23, 2017
NUMBER OF PERSONS IN CREW 12

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD		LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
6	15,810		Today: 0	AFT		8	16
Previous Total			Prev: 0	DRAG DEPTH		10	16
253	666,655	Mobile 102-SW	To Date: 0	INDICATORS LAST CHECKED ON		8/4/2017	
259	682,465			GAS INJECTORS USED			

	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:42	162	
TURNING			0:00	0	
TO DUMP			10:09	609	
DUMPING			0:24	24	
TO CUT			10:45	645	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				

AVERAGE SPEED OF DREDGE FEET / MINUTE 220
MINUTES RADAR IN USE 0:00 1440
TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
LOADING WEATHER: Winds 5 kts, Waves 1-2 ft
AGITATING
GALS OF FUEL OIL CONSUMED 3087
GALS OF WATER CONSUMED 1122
FIELD

REMARKS:
100% Day

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, November 23, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 92		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
254						65	4		69				2635					
255		311	337	26		103	4	122	255				2635					
256		718	743	25		107	4	114	250				2635					
257		1115	1141	26		110	4	101	241				2635					
258		1525	1557	32		105	4	110	251				2635					
259		1920	1946	26		115	4	94	239				2635					
260		2329	2356	27		4		104	135									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds.)	TEST LOAD No.	DATE OF TEST
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REMARKS

100% Day
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 93	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Friday, November 24, 2017 NUMBER OF PERSONS IN CREW 12	
AV LENGTH OF CUT 6000 FT	CHARACTER OF MATERIAL			HOPPER CAPACITY 4387 CU YDS	
AV WIDTH OF CUT 400 FT	DENSITY OF MATERIAL 1.045 gms/liter			AV VOL OF BIN WATER 0 CU YDS	
AV DIST TO DUMP 19.14 Sta. MILE	DENSITY OF WATER 1.006 gms/liter			AV UNFILLED CAPACITY 0 CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) <p style="text-align: center;">RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK</p>					
WORK PERFORMED			DRAFT FOR LOAD NO		AVG
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
6	15,810		Today: 0	AFT	8 16
Previous Total			Prev: 0	DRAG DEPTH	
259	682,465	Mobile 102-SW	To Date: 0	INDICATORS LAST CHECKED ON 8/4/2017	
265	698,275			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME					
PUMPING		2:38	158		
TURNING		0:00	0		
TO DUMP		10:54	654		
DUMPING		0:54	54		
TO CUT		9:34	574		
TOTALS		0:00	1440		
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES		0:00	0		
TO AND FROM ANCHORAGE		0:00	0		
LOSS DUE TO NATURAL ELEMENTS		0:00	0		
LOSS DUE TO TRAFFIC AND BRIDGES		0:00	0		
MINOR OPERATING REPAIRS		0:00	0		
TRANSFERRING BETWEEN WORKS		0:00	0		
LAY TIME		0:00	0		
MISCELLANEOUS		0:00	0		
TOTALS		0:00	0		
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS		0:00	0		
CESSATION		0:00	0		
COLLISIONS		0:00	0		
TOTAL LOST TIME		0:00	0		
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE		0:00 1440	
LOADING	FEET / MINUTE 220	TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING		GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED	3270	WEATHER: Winds 5 kts, Waves 1-2 ft			
GALS OF WATER CONSUMED	935	FIELD			
REMARKS:					
100% Day					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, November 24, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 93		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS **	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		260						108	20		128				2635			
261		356	427	31		101	4	108	244				2635					
262		800	828	28		103	10	108	249				2635					
263		1215	1248	33		117	4	114	268				2635					
264		1636	1709	33		112	12	107	264				2635					
265		2052	2125	33		113	4	99	249				2635					
266								38	38									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)				TEST LOAD No.				DATE OF TEST						
REMARKS																		
<p align="center">100% Day 0</p>																		
<p>NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER</p>																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENCW-0-13 REPORT: 94

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL
 Dredge Area 5
 Sta 1280+00 to 1340+00

MAINTENANCE
 NEW WORK

DATE Saturday, November 25, 2017
 NUMBER OF PERSONS IN CREW 12

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)

RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD		LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
6	15,810		Today: 0	AFT		8	16
Previous Total			Prev: 0	DRAG DEPTH		10	16
265	698,275	Mobile 102-SW	To Date: 0	INDICATORS LAST CHECKED ON		8/4/2017	
271	714,085			GAS INJECTORS USED			

DISTRIBUTION OF TIME

	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		2:58	178
TURNING		0:00	0
TO DUMP		10:45	645
DUMPING		0:25	25
TO CUT		9:52	592
TOTALS		0:00	1440
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		0:00	0
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		0:00	0
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE	0:00 1440

LOADING FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.

AGITATING WEATHER: Winds 5 kts, Waves 1-2 ft

GALS OF FUEL OIL CONSUMED 3113

GALS OF WATER CONSUMED 896 FIELD

REMARKS:
 100% Day

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, November 25, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 94	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
266		110	141	31		99	4	70	204				2635				
267		513	545	32		104	5	109	250				2635				
268		922	950	28		101	4	108	241				2635				
269		1319	1356	37		114	4	104	259				2635				
270		1731	1756	25		115	4	87	231				2635				
271		2132	2157	25		112	4	97	238				2635				
272								7	7								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds.)	TEST LOAD No.	DATE OF TEST
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REMARKS

100% Day
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13		REPORT: 95	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00				<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 10px; background-color: black;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 10px; background-color: white;"></div> NEW WORK </div>		DATE Sunday, November 26, 2017	
				NUMBER OF PERSONS IN CREW 12			
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
5	13,175		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
271	714,085		To Date: 0		INDICATORS LAST CHECKED ON 8/4/2017		
276	727,260		GAS INJECTORS USED				
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:54	174		
TURNING				0:00	0		
TO DUMP				10:03	603		
DUMPING				0:54	54		
TO CUT				10:09	609		
TOTALS				0:00	1440		
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00	0		
TO AND FROM ANCHORAGE				0:00	0		
LOSS DUE TO NATURAL ELEMENTS				0:00	0		
LOSS DUE TO TRAFFIC AND BRIDGES				0:00	0		
MINOR OPERATING REPAIRS				0:00	0		
TRANSFERRING BETWEEN WORKS				0:00	0		
LAY TIME				0:00	0		
MISCELLANEOUS				0:00	0		
TOTALS				0:00	0		
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00	0		
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds 10 kts, Waves 2-3 ft			
GALS OF FUEL OIL CONSUMED		3479		FIELD			
GALS OF WATER CONSUMED		672					
REMARKS: 100% Day							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dutragrou
p.com
2017.11.27 08:32

BREAKDOWN OF LOADS DREDGED AND HAULED

Sunday, November 26, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>						MID-DEPTH SAMPLES		REPORT: 95	
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***		% SOLIDS (IN PLACE) ***
272		134	207	33		109	4	94	240				2635					
273		548	615	27		100	4	108	239				2635					
274		950	1019	29		109	4	111	253				2635					
275		1355	1425	30		120	30	103	283				2635					
276		1829	1856	27		123	12	94	256				2635					
277		2250	2318	28		42		99	169									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds.)						TEST LOAD No.				DATE OF TEST				
REMARKS 100% Day 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCV-0-13 REPORT: 96	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 20px; height: 10px; background-color: black;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 10px; background-color: white;"></div> NEW WORK </div>	DATE Monday, November 27, 2017	
			NUMBER OF PERSONS IN CREW 12		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		LIGHT
6	15,810		Today: 0		8
Previous Total		Mobile 102-SW	Prev: 0		16
276	727,260		To Date: 0		16
282	743,070				
				DRAG DEPTH	
				INDICATORS LAST CHECKED ON 8/4/2017	
				GAS INJECTORS USED	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
				MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME					
PUMPING				2:32	152
TURNING				0:00	0
TO DUMP				10:44	644
DUMPING				0:53	53
TO CUT				9:44	584
TOTALS				23:53	1433
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00	0
TO AND FROM ANCHORAGE				0:00	0
LOSS DUE TO NATURAL ELEMENTS				0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES				0:07	7
MINOR OPERATING REPAIRS				0:00	0
TRANSFERRING BETWEEN WORKS				0:00	0
LAY TIME				0:00	0
MISCELLANEOUS				0:00	0
TOTALS				0:07	7
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	
CESSATION				0:00	
COLLISIONS				0:00	
TOTAL LOST TIME				0:00	0
TOTAL TIME IN PERIOD		1440			
AVERAGE SPEED OF DREDGE		FEET / MINUTE 220		MINUTES RADAR IN USE 0:00 1440	
LOADING				TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.	
AGITATING				WEATHER: Winds 5 kts, Waves 1-2 ft	
GALS OF FUEL OIL CONSUMED		2295			
GALS OF WATER CONSUMED		1008		FIELD	
REMARKS: 7 min @ 70% -- Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73



REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
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2017.11.28 08:22

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, November 27, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 96	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
277						72	10		82				2635				
278		306	339	33		118	10	104	265				2635				
279		734	802	28		112	10	107	257				2635				
280		1156	1231	35		114	15	105	269				2635				
281		1620	1649	29		115	4	100	248				2635				
282		2020	2047	27		113	4	92	236				2635				
283								76	76								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS <p align="center">7 min @ 70% -- Traffic 0</p>																	
NOTE: <ul style="list-style-type: none"> * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER 																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGW-0-13 REPORT: 97	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			 MAINTENANCE  NEW WORK	DATE Tuesday, November 28, 2017	
			NUMBER OF PERSONS IN CREW 12		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		LIGHT
6	15,810		Today: 0		16
Previous Total		Mobile 102-SW	Prev: 0		16
282	743,070		To Date: 0		
288	758,880				
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
EFFECTIVE WORKING TIME					
PUMPING				2:52	172
TURNING				0:00	0
TO DUMP				11:05	665
DUMPING				0:56	56
TO CUT				8:54	534
TOTALS				23:47	1427
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00	0
TO AND FROM ANCHORAGE				0:00	0
LOSS DUE TO NATURAL ELEMENTS				0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES				0:00	0
MINOR OPERATING REPAIRS				0:00	0
TRANSFERRING BETWEEN WORKS				0:00	0
LAY TIME				0:00	0
MISCELLANEOUS				0:13	13
TOTALS				0:13	13
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00	
CESSATION				0:00	
COLLISIONS				0:00	
TOTAL LOST TIME				0:00	0
TOTAL TIME IN PERIOD		1440	MINUTES RADAR IN USE		0:00 1440
AVERAGE SPEED OF DREDGE		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING		220	GAGE: NOAA tide gauge at Dog River Bridge		
AGITATING			WEATHER: Winds 5 kts, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED		3044			
GALS OF WATER CONSUMED		1008	FIELD		
REMARKS: 13 min @ 0% - Misc Crewboat					
SUBMITTED BY:					
(SEE REVERSE SIDE)					

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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2017.11.29 08:23

BREAKDOWN OF LOADS DREDGED AND HAULED

Tuesday, November 28, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 97	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
283		25	54	29		108	4	25	166				2635				
284		434	503	29		113	4	108	254				2635				
285		842	908	26		109	4	102	241				2635				
286		1243	1311	28		111	36	102	277				2635				
287		1728	1800	32		113	4	97	246				2635				
288		2136	2204	28		111	4	99	242				2635				
289								1	1								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
------------------------	---------------------------	---------------	--------------

REMARKS

13 min @ 0% -- Misc Crewboat
0

NOTE:



- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 98			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; background-color: white; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, November 29, 2017			
			NUMBER OF PERSONS IN CREW 12				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
5	13,175		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
288	758,880		To Date: 0		INDICATORS LAST CHECKED ON		
293	772,055				8/4/2017		
						GAS INJECTORS USED	
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				2:22		142	
TURNING				0:00		0	
TO DUMP				9:25		565	
DUMPING				1:31		91	
TO CUT				10:29		629	
TOTALS				23:47		1427	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:13		13	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:13		13	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
LOADING				WEATHER: Winds 5 kts, Waves 1-2 ft			
AGITATING							
GALS OF FUEL OIL CONSUMED		3044					
GALS OF WATER CONSUMED		1008					
REMARKS:							
13 min @ 70% - Traffic							
SUBMITTED BY:							
(SEE REVERSE SIDE)							

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, November 29, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 98	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
289		145	216	31		110	4	105	250				2635				
290		610	638	28		112	55	107	302				2635				
291		1108	1136	28		117	24	103	272				2635				
292		1538	1606	28		112	4	101	245				2635				
293		1946	2013	27		114	4	104	249				2635				
294								109	109								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)				TEST LOAD No.				DATE OF TEST					
REMARKS <p align="center">13 min @ 70% – Traffic 0</p>																	
NOTE: <ul style="list-style-type: none"> * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER 																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 99	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			 MAINTENANCE  NEW WORK	DATE Thursday, November 30, 2017 NUMBER OF PERSONS IN CREW 12	
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL	HOPPER CAPACITY	4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)				AV VOL OF BIN WATER	0 CU YDS
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK				AV UNFILLED CAPACITY	0 CU YDS
WORK PERFORMED			DRAFT FOR LOAD NO		AVG
DREDGING AND HAULING			AGITATING		LIGHT
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LOADED
5	13,175		Today: 0	8	16
Previous Total			Prev: 0	AFT	10
293	772,055	Mobile 102-SW	To Date: 0	DRAG DEPTH	
298	785,230			INDICATORS LAST CHECKED ON 8/4/2017	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)	DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:21	141	
TURNING			0:00	0	
TO DUMP			9:19	559	
DUMPING			0:20	20	
TO CUT			7:49	469	
TOTALS			19:49	1189	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			3:56	236	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:15	15	
TOTALS			4:11	251	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD		1440	MINUTES RADAR IN USE		0:00 1440
AVERAGE SPEED OF DREDGE		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.		
LOADING		220	WEATHER: Winds 5 kts, Waves 1-2 ft		
AGITATING					
GALS OF FUEL OIL CONSUMED		3264			
GALS OF WATER CONSUMED		1120	FIELD		
REMARKS: 236 min @ 70% - Weather Fog 15 min @ 0% - Misc crewboat					
SUBMITTED BY:					

ENG FORM 27A, Apr 73

(SEE REVERSE SIDE)
REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.12.01 09:10

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, November 30, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 99	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
294		0	28	28		113	4		145				2635				
295		800	830	30		113	4	103	250				2635				
296		1229	1258	29		102	4	107	242				2635				
297		1623	1651	28		120	4	99	251				2635				
298		2034	2100	26		111	4	99	240				2635				
299								61	61								

AVERAGE

ECONOMIC LOAD DATA



PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

236 min @ 70% – Weather Fog
15 min @ 0 % – Misc crewboat

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGW-0-13 REPORT: 100	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			 MAINTENANCE  NEW WORK	DATE Friday, December 01, 2017	
			NUMBER OF PERSONS IN CREW 18 14 Crew + 2 Observers + 1 QC + 1 Boat Captain		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED			DRAFT FOR LOAD NO		AVG
DREDGING AND HAULING			AGITATING		LIGHT LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD AFT
5	13,175		Today: 0		8 16
Previous Total			Prev: 0		10 16
298	785,230	Mobile 102-SW	To Date: 0		DRAG DEPTH
303	798,405				INDICATORS LAST CHECKED ON 8/4/2017
DISTRIBUTION OF TIME					
		AGITATING (Minutes)	DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:27	147	
TURNING			0:11	11	
TO DUMP			8:56	536	
DUMPING			0:41	41	
TO CUT			8:25	505	
TOTALS			20:40	1240	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			2:55	175	
LOSS DUE TO TRAFFIC AND BRIDGES			0:25	25	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			3:20	200	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD		1440	MINUTES RADAR IN USE		0:00 1440
AVERAGE SPEED OF DREDGE		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING		220	GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: Winds 5 kts, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED		3385	FIELD		
GALS OF WATER CONSUMED		990			
REMARKS: 175 min @ 70% -- Weather Fog 25 min @ 70% -- Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.12.03 08:00

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, December 01, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 100	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
299		407	437	30		107	4	72	213				2635				
300		819	846	27		106	4	101	238				2635				
301		1212	1256	33	11	105	25	96	270				2635				
302		1705	1736	31		104	4	104	243				2635				
303		2107	2133	26		114	4	103	247				2635				
304								29	29								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

175 min @ 70% -- Weather Fog
25 min @ 70% -- Traffic

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 101	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Saturday, December 02, 2017	
				NUMBER OF PERSONS IN CREW 18 14 Crew + 2 Observers + 1 QC + 1 Boat Captain	
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
AV UNFILLED CAPACITY					0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED			DRAFT FOR LOAD NO		AVG
DREDGING AND HAULING			AGITATING		LIGHT LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD AFT
2	5,270		Today: 0		8 16
Previous Total		Mobile 102-SW	Prev: 0		10 16
303	798,405		To Date: 0		DRAG DEPTH
305	803,675				INDICATORS LAST CHECKED ON 8/4/2017
DISTRIBUTION OF TIME					
		AGITATING (Minutes)	DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:29	89	
TURNING			0:00	0	
TO DUMP			5:20	320	
DUMPING			0:32	32	
TO CUT			4:54	294	
TOTALS			12:15	735	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			8:12	492	
TO AND FROM ANCHORAGE			3:23	203	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:10	10	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			11:45	705	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD		1440	MINUTES RADAR IN USE		0:00 1440
AVERAGE SPEED OF DREDGE		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
		220	GAGE: NOAA tide gauge at Dog River Bridge.		
LOADING		WEATHER: Winds 5 kts, Waves 1-2 ft			
AGITATING					
GALS OF FUEL OIL CONSUMED		1872	FIELD		
GALS OF WATER CONSUMED		896			
REMARKS:					
492 min @ 0% -- Taking on Fuel / Supplies 10 min @ 70% -- Traffic 203 min @ 0% -- To / From Dock					
SUBMITTED BY:					
(SEE REVERSE SIDE)					

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, December 02, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 101	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
304		128	155	27		117	28	88	260				2635				
305		1748	1819	31		109	4	113	257				2635				
306		2155	2226	31		94		93	218								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

492 min @ 0% – Taking on Fuel / Supplies
10 min @ 70% – Traffic

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENG CW-0-13
 REPORT: 102

DISTRICT
 U.S. ARMY COE, MOBILE DISTRICT

DREDGE
 M / V COLUMBIA

EXACT LOCATION OF WORK
 Mobile Harbor Ship Channel, Mobile AL
 Dredge Area 5
 Sta 1280+00 to 1340+00

DATE
 Sunday, December 03, 2017

AV LENGTH OF CUT 6000 FT
 AV WIDTH OF CUT 400 FT
 AV DIST TO DUMP 19.14 Sta. MILE

NUMBER OF PERSONS IN CREW
 18

CHARACTER OF MATERIAL
 DENSITY OF MATERIAL 1.045
 DENSITY OF WATER 1.006 gms/liter

HOPPER CAPACITY 4387 CU YDS
 AV VOL OF BIN WATER 0 CU YDS
 AV UNFILLED CAPACITY 0 CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

DREDGING AND HAULING		DISPOSAL AREA	AGITATING TOT CU YDS	DRAFT FOR LOAD NO	AVG	
NO OF LOADS	TOT CU YDS				FORWARD	LIGHT
6	15,810	Mobile 102-SW	Today: 0	8	16	16
Previous Total			Prev: 0			
305	803,675		To Date: 0			
311	819,485					

EFFECTIVE WORKING TIME	DISTRIBUTION OF TIME		MILES RUN (Stat. Miles)
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	
PUMPING			
TURNING			
TO DUMP			
DUMPING			
TO CUT			
TOTALS		3:02	182
NON-EFFECTIVE WORKING TIME		0:12	12
TAKING ON FUEL AND SUPPLIES		9:48	588
TO AND FROM ANCHORAGE		0:24	24
LOSS DUE TO NATURAL ELEMENTS		10:34	634
LOSS DUE TO TRAFFIC AND BRIDGES		0:00	1440
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		0:00	0
LOST TIME		0:00	0
MAJOR REPAIRS AND ALTERATIONS		0:00	0
CESSATION		0:00	0
COLLISIONS		0:00	0
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD		0:00	1440
AVERAGE SPEED OF DREDGE		0:00	1440

LOADING FEET / MINUTE 220
 AGITATING TIDE DATA WAS OBTAINED BY MEANS OF WEATHER: Winds 5 kts, Waves 1-2 ft
 GALS OF FUEL OIL CONSUMED 1989
 GALS OF WATER CONSUMED 800
 GAGE: NOAA tide gauge at Dog River Bridge.

REMARKS:
 100% Day

SUBMITTED BY:

BREAKDOWN OF LOADS DREDGED AND HAULED													Sunday, December 03, 2017				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 102	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
306						14	4		18				2635				
307		209	245	30	6	109	4	111	260				2635				
308		634	704	30		108	4	116	258				2635				
309		1034	1100	26		118	4	98	246				2635				
310		1440	1518	32	6	115	4	98	255				2635				
311		1905	1939	34		103	4	108	249				2635				
312		2309	2339	30		21		103	154								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds.)				TEST LOAD No.				DATE OF TEST					
REMARKS																	
0																	
0																	
0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES

IDIQ Rental of Hopper Dredge and Attendant Plant
W91278-17-D-0092
Task Order 0001

REPORTS CONTROL SYMBOL
ENGW-0-13 REPORT: 103

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 5 Sta 1280+00 to 1340+00
MAINTENANCE
NEW WORK
DATE Monday, December 04, 2017
NUMBER OF PERSONS IN CREW 18
14 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
6	15,810		Today:	0	AFT	8	16
Previous Total			Prev:	0	DRAG DEPTH	10	16
311	891,485	Mobile 102-SW	To Date:	0	INDICATORS LAST CHECKED ON	8/4/2017	
317	907,295				GAS INJECTORS USED		

	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			2:39	159	
TURNING			0:07	7	
TO DUMP			10:19	619	
DUMPING			0:33	33	
TO CUT			9:49	589	
TOTALS			23:27	1407	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:05	5	
MINOR OPERATING REPAIRS			0:00	28	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:33	33	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE	0:00	1440

LOADING FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
AGITATING WEATHER: Winds 5 kts, Waves 1-2 ft
GALS OF FUEL OIL CONSUMED 3754
GALS OF WATER CONSUMED 561 FIELD

REMARKS:
5 min @ 70% -- Traffic
28 min @ 0% -- Minor Repairs

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, December 04, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 103		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
312						87	4		91				2635					
313		322	406	37	7	99	4	111	258				2635					
314		736	801	25		107	13	107	252				2635					
315		1151	1224	33		108	4	105	250				2635					
316		1632	1704	32		112	4	108	256				2635					
317		2042	2114	32		106	4	102	244				2635					
318		2042	2114	32		106	4	102	244				2635					
319								56	56									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS



5 min @ 70% -- Traffic
 28 min @ 0% -- Minor Repairs
 0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENGCW-0-13 REPORT: 104

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK MAINTENANCE DATE
 Mobile Harbor Ship Channel, Mobile AL  Tuesday, December 05, 2017
 Dredge Area 5  NEW WORK NUMBER OF PERSONS IN CREW
 Sta 1280+00 to 1340+00 18
 14 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL	HOPPER CAPACITY	4387	CU YDS		
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	19.14	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
5	13,175		Today:	0	AFT	8	16
Previous Total				Prev:	0	DRAG DEPTH	
317	907,295	Mobile 102-SW	To Date:	0	INDICATORS LAST CHECKED ON		
322	920,470				8/4/2017		
				GAS INJECTORS USED			

DISTRIBUTION OF TIME			
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		2:26	146
TURNING		0:10	10
TO DUMP		9:10	550
DUMPING		0:27	27
TO CUT		11:32	692
TOTALS		23:45	1425
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		0:15	15
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		0:15	15
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE	0:00 1440

LOADING FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
 AGITATING WEATHER: Winds 5 kts, Waves 1-2 ft
 GALS OF FUEL OIL CONSUMED 3313
 GALS OF WATER CONSUMED 374 FIELD

REMARKS:
 15 min @ 70% -- Traffic

SUBMITTED BY:
 (SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Tuesday, December 05, 2017

REPORT:
104

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES			
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
318		55	123	28		97	4	55	184				2635				
319		502	542	30	10	105	4	118	267				2635				
320		936	1002	26		108	4	110	248				2635				
321		1346	1417	31		124	4	112	271				2635				
322		1829	1900	31		116	11	124	282				2635				
323								173	173								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

15 min @ 70% -- Traffic
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 105				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, December 06, 2017				
			NUMBER OF PERSONS IN CREW 18 14 Crew + 2 Observers + 1 QC + 1 Boat Captain					
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)								
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING		LIGHT		LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16	
3	7,905		Today: 0		AFT	10	16	
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH			
322	920,470		To Date: 0		INDICATORS LAST CHECKED ON			
325	928,375				8/4/2017			
				DISTRIBUTION OF TIME				
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME								
PUMPING				2:07		127		
TURNING				0:00		0		
TO DUMP				10:08		608		
DUMPING				0:58		58		
TO CUT				10:33		633		
TOTALS				23:46		1426		
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES				0:00		0		
TO AND FROM ANCHORAGE				0:00		0		
LOSS DUE TO NATURAL ELEMENTS				0:00		0		
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0		
MINOR OPERATING REPAIRS				0:00		14		
TRANSFERRING BETWEEN WORKS				0:00		0		
LAY TIME				0:00		0		
MISCELLANEOUS				0:00		0		
TOTALS				0:14		14		
LOST TIME								
MAJOR REPAIRS AND ALTERATIONS				0:00				
CESSATION				0:00				
COLLISIONS				0:00				
TOTAL LOST TIME				0:00		0		
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440		
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
		220		GAGE: NOAA tide gauge at Dog River Bridge.				
LOADING				WEATHER: Winds 5 kts, Waves 1-2 ft				
AGITATING								
GALS OF FUEL OIL CONSUMED		2941						
GALS OF WATER CONSUMED		1496		FIELD				
REMARKS: 14 min @ 0% -- Minor Repairs								
SUBMITTED BY:								

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, December 06, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 105	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
323		28	102	34		171	4	28	237				2635				
324		738	806	28		185	50	221	484				2635				
325		1530	1602	32		204	4	195	435				2635				
326		2239	2312	33		48		189	270								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds.)	TEST LOAD No.	DATE OF TEST
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REMARKS

14 min @ 0% -- Minor Repairs
0
0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENGCW-0-13 REPORT: 106

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK: Mobile Harbor Ship Channel, Mobile AL, Dredge Area 6, Sta 494+00 to 554+00
 MAINTENANCE (checked) NEW WORK (unchecked)
 DATE: Thursday, December 07, 2017
 NUMBER OF PERSONS IN CREW: 17
 13 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED			DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING		AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS			
3	7,905		Today: 0	AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH		
325	856,375		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017	
328	864,280			GAS INJECTORS USED		

DISTRIBUTION OF TIME				
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME				
PUMPING				
TURNING		1:40	100	
TO DUMP		0:00	0	
DUMPING		11:00	660	
TO CUT		0:12	12	
TOTALS		9:36	576	
NON-EFFECTIVE WORKING TIME		22:28	1348	
TAKING ON FUEL AND SUPPLIES				
TO AND FROM ANCHORAGE		0:00	0	
LOSS DUE TO NATURAL ELEMENTS		0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES		0:00	0	
MINOR OPERATING REPAIRS		0:20	20	
TRANSFERRING BETWEEN WORKS		0:00	72	
LAY TIME		0:00	0	
MISCELLANEOUS		0:00	0	
TOTALS		0:00	0	
LOST TIME		1:32	92	
MAJOR REPAIRS AND ALTERATIONS		0:00		
CESSATION		0:00		
COLLISIONS		0:00		
TOTAL LOST TIME		0:00		
TOTAL TIME IN PERIOD	1440	0:00	0	

AVERAGE SPEED OF DREDGE: FEET / MINUTE 220 MINUTES RADAR IN USE: 0:00 1440
 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
 WEATHER: Winds 25 kts, Waves 2-5 ft
 GALS OF FUEL OIL CONSUMED: 2267
 GALS OF WATER CONSUMED: 561
 FIELD

REMARKS:
 72 min @ 0% -- Minor Repairs
 20 min @ 70% -- Traffic

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, December 07, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 106		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		326						148	4	152				2635				
327		653	726	33		170	4	191	398				2635					
328		1402	1437	35		189	4	200	428				2635					
329		2055	2127	32		153		185	370									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)				TEST LOAD No.				DATE OF TEST						
REMARKS 72 min @ 0% -- Minor Repairs 20 min @ 70% -- Traffic 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 107			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Friday, December 08, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
4	10,540		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Pre: 0		DRAG DEPTH		
328	864,280		To Date: 0		INDICATORS LAST CHECKED ON 8/4/2017		
332	874,820		GAS INJECTORS USED				
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME							
PUMPING							
TURNING					1:32	92	
TO DUMP					0:00	0	
DUMPING					9:46	586	
TO CUT					0:16	16	
TOTALS					12:26	746	
					0:00	1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES					0:00	0	
TO AND FROM ANCHORAGE					0:00	0	
LOSS DUE TO NATURAL ELEMENTS					0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES					0:00	0	
MINOR OPERATING REPAIRS					0:00	0	
TRANSFERRING BETWEEN WORKS					0:00	0	
LAY TIME					0:00	0	
					0:00	0	
MISCELLANEOUS					0:00	0	
TOTALS					0:00	0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS					0:00		
CESSATION					0:00		
COLLISIONS					0:00		
TOTAL LOST TIME					0:00	0	
TOTAL TIME IN PERIOD	1440				0:00	0	
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440		
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
	220		GAGE: NOAA tide gauge at Dog River Bridge.				
AGITATING			WEATHER: Winds 25 kts, Waves 2-5 ft				
GALS OF FUEL OIL CONSUMED	4023						
GALS OF WATER CONSUMED	935		FIELD				
REMARKS: 100% Day							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.12.11 15:52

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, December 08, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 107	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
329						37	4		41				2635				
330		348	420	32		175	4	187	398				2635				
331		1053	1122	29		180	4	214	427				2635				
332		1731	1802	31		194	4	185	414				2635				
333								160	160								
AVERAGE																	

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds.)	TEST LOAD No.	DATE OF TEST
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REMARKS

100% Day
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 108	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Saturday, December 09, 2017	
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
					AV UNFILLED CAPACITY
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT
3	7,905		Today: 0	AFT	8
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10
333	874,820		To Date: 0	INDICATORS LAST CHECKED ON	16
335	882,725			GAS INJECTORS USED	8/4/2017
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING					
TURNING			2:07		127
TO DUMP			0:00		0
DUMPING			11:23		683
TO CUT			0:12		12
TOTALS			9:38		578
			23:20		1400
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00		0
TO AND FROM ANCHORAGE			0:00		0
LOSS DUE TO NATURAL ELEMENTS			0:00		0
LOSS DUE TO TRAFFIC AND BRIDGES			0:40		40
MINOR OPERATING REPAIRS			0:00		0
TRANSFERRING BETWEEN WORKS			0:00		0
LAY TIME			0:00		0
MISCELLANEOUS			0:00		0
TOTALS			0:40		40
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00		0
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	2840		WEATHER: Winds 5-10 kts, Waves 2 ft		
GALS OF WATER CONSUMED	561		FIELD		
REMARKS: 40 Min @ 70% Pay -- Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

agreniuk@dutragrou
p.com
2017.12.11 15:56

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, December 09, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT; 108	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
333		25	54	29		182	4	25	240				2635				
334		716	746	30		173	4	196	403				2635				
335		1413	1449	36		176	4	180	396				2635				
336		2056	2128	32		152		177	361								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
<p align="center">40 Min @ 70% Pay -- Traffic 0 0</p>																	
NOTE:																	
<p>* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"</p> <p>** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER</p> <p>*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER</p>																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 109	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE Sunday, December 10, 2017	
				NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain	
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)			RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK		
WORK PERFORMED			DRAFT FOR LOAD NO		
DREDGING AND HAULING		AGITATING		AVG	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
4	10,540		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
335	882,725		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
339	893,265			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:40	100	
TURNING			0:00	0	
TO DUMP			9:40	580	
DUMPING			0:37	37	
TO CUT			12:03	723	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE	0:00	1440
LOADING	FEET / MINUTE	220	TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	3431		WEATHER: Winds 5 kts, Waves < 2 ft		
GALS OF WATER CONSUMED	935		FIELD		
REMARKS: 100% Day					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Sunday, December 10, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 109	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
336						31	4		35				2635				
337		343	415	32		177	4	188	401				2635				
338		1033	1104	31		185	25	197	438				2635				
339		1732	1809	37		187	4	178	406				2635				
340								160	160								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
------------------------	---------------------------	---------------	--------------

REMARKS

100% Day
0
0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENG CW-0-13 REPORT: 110

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK MAINTENANCE DATE
 Mobile Harbor Ship Channel, Mobile AL Monday, December 11, 2017
 Dredge Area 6 NEW WORK
 Sta 494+00 to 554+00 NUMBER OF PERSONS IN CREW 17
 13 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							0	CU YDS

RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
3	7,905		Today: 0		AFT	8	16
Previous Total			Mobile 102-SW		DRAG DEPTH	10	16
339	893,265		Prev: 0		INDICATORS LAST CHECKED ON	8/4/2017	
342	901,170		To Date: 0		GAS INJECTORS USED		

	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING					
TURNING			2:11	131	
TO DUMP			0:00	0	
DUMPING			10:43	643	
TO CUT			0:12	12	
TOTALS			9:49	589	
NON-EFFECTIVE WORKING TIME			22:55	1375	
TAKING ON FUEL AND SUPPLIES					
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			1:05	65	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			1:05	65	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00		
TOTAL TIME IN PERIOD	1440		0:00	0	

AVERAGE SPEED OF DREDGE FEET / MINUTE 220 MINUTES RADAR IN USE 0:00 1440

LOADING TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.

AGITATING WEATHER: Winds 5 kts, Waves < 2 ft

GALS OF FUEL OIL CONSUMED 3200

GALS OF WATER CONSUMED 935

FIELD

REMARKS:

65 min @ 70% Pay -- Traffic

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, December 11, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 110	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
340		19	51	32		177	4	19	232				2635				
341		741	814	33		182	4	201	420				2635				
342		1420	1453	33		184	4	180	401				2635				
343		2147	2220	33		100		189	322								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS
65 min @ 70% Pay -- Traffic

NOTE:
 * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES

IDIQ Rental of Hopper Dredge and Attendant Plant
W91278-17-D-0092
Task Order 0001

REPORTS CONTROL SYMBOL
ENGCW-0-13 REPORT: 111

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00
MAINTENANCE
NEW WORK
DATE Tuesday, December 12, 2017
NUMBER OF PERSONS IN CREW 17
13 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL	HOPPER CAPACITY	4387	CU YDS		
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD		LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
4	10,540		Today: 0	AFT	8	16	
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10	16	
342	901,170		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017		
346	911,710			GAS INJECTORS USED			

DISTRIBUTION OF TIME			
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		1:37	97
TURNING		0:00	0
TO DUMP		10:36	636
DUMPING		0:16	16
TO CUT		10:07	607
TOTALS		22:36	1356
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		1:24	84
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		1:24	84
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		

AVERAGE SPEED OF DREDGE FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
AGITATING WEATHER: Winds 15 kts, Waves 2-4 ft
GALS OF FUEL OIL CONSUMED 3048
GALS OF WATER CONSUMED 935
FIELD

REMARKS:
84 min @ 70% Pay -- Traffic

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Tuesday, December 12, 2017			
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 111	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
343						80	4		84				2635				
344		501	531	30		178	4	189	401				2635				
345		1239	1312	33		196	4	190	423				2635				
346		1943	2017	34		182	4	191	411				2635				
347								37	37								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds. .)					TEST LOAD No.			DATE OF TEST					
REMARKS																	
84 min @ 70% Pay -- Traffic																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 112	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Wednesday, December 13, 2017	
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)			HOPPER CAPACITY		
			4387 CU YDS		
			AV VOL OF BIN WATER		
			0 CU YDS		
			AV UNFILLED CAPACITY		
			0 CU YDS		
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT
3	7,905		Today: 0	AFT	8
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10
346	911,710		To Date: 0	INDICATORS LAST CHECKED ON	16
349	919,615			GAS INJECTORS USED	8/4/2017
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:42		102
TURNING			0:00		0
TO DUMP			9:36		576
DUMPING			0:12		12
TO CUT			12:30		750
TOTALS			0:00		1440
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00		0
TO AND FROM ANCHORAGE			0:00		0
LOSS DUE TO NATURAL ELEMENTS			0:00		0
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0
MINOR OPERATING REPAIRS			0:00		0
TRANSFERRING BETWEEN WORKS			0:00		0
LAY TIME			0:00		0
MISCELLANEOUS			0:00		0
TOTALS			0:00		0
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00		0
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		
			0:00 1440		
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
	220		GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: Winds 5 kts, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED	2200				
GALS OF WATER CONSUMED	1196		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, December 13, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 112	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
347		0231	0301	30		202	4	151	387				2635				
348		0955	1029	34		187	4	208	433				2635				
349		1632	1703	31		187	4	172	394				2635				
350		2353		7				219	226				2635				
AVERAGE																	

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 113	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Thursday, December 14, 2017	
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)			RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK		
WORK PERFORMED			DRAFT FOR LOAD NO		
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	AVG
4	10,540		Today: 0	AFT	LIGHT LOADED
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	8 16
349	919,615		To Date: 0	INDICATORS LAST CHECKED ON	10 16
353	930,155			GAS INJECTORS USED	8/4/2017
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:59	119	
TURNING			0:00	0	
TO DUMP			11:43	703	
DUMPING			0:13	13	
TO CUT			10:05	605	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00		
TOTAL TIME IN PERIOD	1440		0:00	1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		MINUTES RADAR IN USE	
		220		0:00 1440	
LOADING			TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	2200		WEATHER: Winds 6 kts, Waves 1-2 ft		
GALS OF WATER CONSUMED	1196		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, December 14, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 113	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
350		0023		23		223	4		250				2635				
351	0825	0856		31		199	5	255	490				2635				
352	1513	1546		33		184	4	173	394				2635				
353	2151	2223		32		97		177	306				2635				

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds.)	TEST LOAD No.	DATE OF TEST
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REMARKS
0

NOTE:
 * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENGCW-0-13 REPORT: 114

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00
 MAINTENANCE
 NEW WORK
 DATE Friday, December 15, 2017
 NUMBER OF PERSONS IN CREW 17
 13 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD	LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
1	2,635		Today:	0	AFT	8	16
Previous Total		Mobile 102-SW	Prev:	0	DRAG DEPTH	10	16
353	930,155		To Date:	0	INDICATORS LAST CHECKED ON	8/4/2017	
354	932,790		GAS INJECTORS USED				

	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			0:00	0	
TURNING			0:00	0	
TO DUMP			1:18	78	
DUMPING			0:56	56	
TO CUT			3:10	190	
TOTALS			5:24	324	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			18:36	1116	
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00		
TOTAL TIME IN PERIOD	1440		18:36	1116	

AVERAGE SPEED OF DREDGE FEET / MINUTE 220 MINUTES RADAR IN USE 0:00 1440
 LOADING TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
 AGITATING WEATHER: Winds 16 kts, Waves 2-3 ft
 GALS OF FUEL OIL CONSUMED 2200
 GALS OF WATER CONSUMED 1196
 FIELD

REMARKS:

SUBMITTED BY:

(SEE REVERSE SIDE)

agermain@dufragrou
 p.com
 2017.12.19 10:31

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, December 15, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 114	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
353						78	56		134				2635				
354								190	190				2635				
													2635				
													2635				

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS
0

NOTE:
 * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 115				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Saturday, December 16, 2017				
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain					
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING		LIGHT		LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16	
0	0		Today: 0		AFT	10	16	
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH			
354	932,790		To Date: 0		INDICATORS LAST CHECKED ON			
354	932,790				8/4/2017			
DISTRIBUTION OF TIME								
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)			
EFFECTIVE WORKING TIME								
PUMPING			0:00		0			
TURNING			0:00		0			
TO DUMP			0:00		0			
DUMPING			0:00		0			
TO CUT			0:00		0			
TOTALS			0:00		0			
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES			0:00		0			
TO AND FROM ANCHORAGE			0:00		0			
LOSS DUE TO NATURAL ELEMENTS			0:00		0			
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0			
MINOR OPERATING REPAIRS			0:00		0			
TRANSFERRING BETWEEN WORKS			0:00		0			
LAY TIME			0:00		0			
MISCELLANEOUS			0:00		0			
TOTALS			0:00		0			
LOST TIME								
MAJOR REPAIRS AND ALTERATIONS			0:00		1440			
CESSATION			0:00					
COLLISIONS			0:00					
TOTAL LOST TIME			0:00		1440			
TOTAL TIME IN PERIOD	1440							
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440			
LOADING	FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.					
AGITATING			WEATHER: Winds 16 kts, Waves 2-3 ft					
GALS OF FUEL OIL CONSUMED	2200		FIELD					
GALS OF WATER CONSUMED	1196							
REMARKS: Columbia is at the dock for repairs. No work was completed on the IDIQ contract.								
SUBMITTED BY:								

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, December 16, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 115	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
354									0				0				

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

Columbia is at the dock for repairs. No work was completed on the IDIQ contract.

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

agermain@dutragrou
p.com
2017.12.19 10:57

DAILY REPORT OF OPERATIONS - HOPPER DREDGES
 IDIQ Rental of Hopper Dredge and Attendant Plant
 W91278-17-D-0092
 Task Order 0001

REPORTS CONTROL SYMBOL
 ENGCW-0-13 REPORT: 116

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL
 Dredge Area 6
 Sta 494+00 to 554+00

MAINTENANCE
 NEW WORK

DATE Sunday, December 17, 2017
 NUMBER OF PERSONS IN CREW 17
 13 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	8000	FT	CHARACTER OF MATERIAL	HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	0 CU YDS
				AV UNFILLED CAPACITY	0	CU YDS

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
 RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD	LIGHT	LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS			8	16
0	0		Today: 0	AFT	10	16	
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	INDICATORS LAST CHECKED ON 8/4/2017		
354	932,790		To Date: 0	GAS INJECTORS USED			

DISTRIBUTION OF TIME			
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		0:00	0
TURNING		0:00	0
TO DUMP		0:00	0
DUMPING		0:00	0
TO CUT		0:00	0
TOTALS		0:00	0
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		0:00	0
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		0:00	0
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	1440
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	1440
TOTAL TIME IN PERIOD	1440		
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE	0:00 1440

LOADING FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.

AGITATING WEATHER: Winds 16 kts, Waves 2-3 ft

GALS OF FUEL OIL CONSUMED 2200

GALS OF WATER CONSUMED 1196 FIELD

REMARKS:
 Columbia is at the dock for repairs. No work was completed on the IDIQ contract.

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Sunday, December 17, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 116	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
354								0				0					

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

Columbia is at the dock for repairs. No work was completed on the IDIQ contract.

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

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2017.12.19 11:08

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 117			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Monday, December 18, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		FORWARD		LIGHT
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		AFT		LOADED
0	0		Today: 0				8
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		16
354	932,790		To Date: 0		INDICATORS LAST CHECKED ON		16
354	932,790				GAS INJECTORS USED		8/4/2017
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:00		0	
TURNING				0:00		0	
TO DUMP				0:00		0	
DUMPING				0:00		0	
TO CUT				0:00		0	
TOTALS				0:00		0	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		1440	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		1440	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds 16 kts, Waves 2-3 ft			
GALS OF FUEL OIL CONSUMED		2200					
GALS OF WATER CONSUMED		1196		FIELD			
REMARKS:							
Columbia is at the dock for repairs. No work was completed on the IDIQ contract.							
SUBMITTED BY:							
(SEE REVERSE SIDE)							

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agermain@dutragrou
p.com
2017.12.19 11:15

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, December 18, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 117		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		354								0				0				
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)				TEST LOAD No.				DATE OF TEST						
REMARKS <p align="center">Columbia is at the dock for repairs. No work was completed on the IDIQ contract.</p>																		
NOTE: <ul style="list-style-type: none"> * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER 																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 118			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, December 19, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
1	2,635		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
353	930,155		To Date: 0		INDICATORS LAST CHECKED ON		
354	932,790				8/4/2017		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:34		34	
TURNING				0:00		0	
TO DUMP				4:12		252	
DUMPING				0:04		4	
TO CUT				0:59		59	
TOTALS				5:49		349	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				1:05		65	
LOSS DUE TO NATURAL ELEMENTS				0:56		56	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				2:01		121	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				16:10		970	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				16:10		970	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds 5 kts, Waves 2 ft			
GALS OF FUEL OIL CONSUMED		2521					
GALS OF WATER CONSUMED		1008		FIELD			
REMARKS:							
970 min @ 0% Pay -- Major Repairs 65 min @ 0% Pay -- To / From Dock 56 min @ 70% Pay -- Weather Fog							
SUBMITTED BY:							

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Tuesday, December 19, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH	REPORT:				
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***	SAMPLES	uk@dutra
354		1715	1749	34		252	4		290				2635						
355								59	59										
AVERAGE																			
ECONOMIC LOAD DATA																			
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.			DATE OF TEST							
REMARKS																			
970 min @ 0% Pay -- Major Repairs 65 min @ 0% Pay -- To / From Dock 56 min @ 70% Pay -- Weather Fog																			
NOTE:																			
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																			

DAILY REPORT OF OPERATIONS - HOPPER DREDGES

IDIQ Rental of Hopper Dredge and Attendant Plant
W91278-17-D-0092
Task Order 0001

REPORTS CONTROL SYMBOL
ENGCW-0-13 REPORT: 119

DISTRICT U.S. ARMY COE, MOBILE DISTRICT DREDGE M / V COLUMBIA

EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00
MAINTENANCE
NEW WORK
DATE Wednesday, December 20, 2017
NUMBER OF PERSONS IN CREW 17
13 Crew + 2 Observers + 1 QC + 1 Boat Captain

AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0

NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD	LIGHT	LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	AFT			
0	0		Today: 0		8	16	
Previous Total			Prev: 0	DRAG DEPTH		INDICATORS LAST CHECKED ON	
354	932,790	Mobile 102-SW	To Date: 0	8/4/2017		GAS INJECTORS USED	

DISTRIBUTION OF TIME			
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		0:27	27
TURNING		0:00	0
TO DUMP		2:38	158
DUMPING		0:00	0
TO CUT		3:31	211
TOTALS		6:36	396
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		4:39	279
TO AND FROM ANCHORAGE		2:00	120
LOSS DUE TO NATURAL ELEMENTS		7:25	445
LOSS DUE TO TRAFFIC AND BRIDGES		0:00	0
MINOR OPERATING REPAIRS		0:00	200
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		17:24	1044
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		

AVERAGE SPEED OF DREDGE FEET / MINUTE 220 TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at Dog River Bridge.
WEATHER: Winds 5 kts, Waves 2 ft
GALS OF FUEL OIL CONSUMED 1331
GALS OF WATER CONSUMED 1008
FIELD

REMARKS:
200 min @ 0% Pay -- Minor Repairs
120 min @ 0% Pay -- To / From Dock
445 min @ 70% Pay -- Weather Fog
279 min @ 0% Pay -- Fuel and Supplies

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, December 20, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH	REPORT:				
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***	SAMPLES	DATE
355		2055	2122	27		158		211	396										
AVERAGE																			
ECONOMIC LOAD DATA																			
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.			DATE OF TEST							
REMARKS 200 min @ 0% Pay -- Minor Repairs 120 min @ 0% Pay -- To / From Dock 445 min @ 70% Pay -- Weather Fog 279 min @ 0% Pay -- Fuel and Supplies																			
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																			

ag@peniuk@dutra.com
2017.12.21 11:10

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGW-0-13 REPORT: 120				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Thursday, December 21, 2017				
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain					
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)								
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING		LIGHT		LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16	
4	10,540		Today: 0		AFT	10	16	
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH			
354	932,790		To Date: 0		INDICATORS LAST CHECKED ON			
358	943,330				8/4/2017			
DISTRIBUTION OF TIME								
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME								
PUMPING				1:27		87		
TURNING				0:00		0		
TO DUMP				9:42		582		
DUMPING				0:16		16		
TO CUT				12:35		755		
TOTALS				0:00		1440		
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES				0:00		0		
TO AND FROM ANCHORAGE				0:00		0		
LOSS DUE TO NATURAL ELEMENTS				0:00		0		
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0		
MINOR OPERATING REPAIRS				0:00		0		
TRANSFERRING BETWEEN WORKS				0:00		0		
LAY TIME				0:00		0		
MISCELLANEOUS				0:00		0		
TOTALS				0:00		0		
LOST TIME								
MAJOR REPAIRS AND ALTERATIONS				0:00				
CESSATION				0:00				
COLLISIONS				0:00				
TOTAL LOST TIME				0:00		0		
TOTAL TIME IN PERIOD		1440						
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440		
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF				
		220		GAGE: NOAA tide gauge at Dog River Bridge.				
AGITATING				WEATHER: Winds 5 kts, Waves calm - early morning fog				
GALS OF FUEL OIL CONSUMED		2890						
GALS OF WATER CONSUMED		672		FIELD				
REMARKS: 100% Day								
SUBMITTED BY:								

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, December 21, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 120 @dutrou 2017 12.22 09:03	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
355						26	4	0	30				2635				
356		343	416	33		175	4	193	405				2635				
357		1055	1124	29		191	4	220	444				2635				
358		1810	1835	25		190	4	211	430				2635				
359								131	131								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)				TEST LOAD No.				DATE OF TEST					
REMARKS 100% Day 0 0 0																	
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 121		
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA		
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<input type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Friday, December 22, 2017		
				NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain		
AV LENGTH OF CUT 6000 FT		CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS		
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS		
AV DIST TO DUMP 34.03 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS		
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)						
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK						
WORK PERFORMED				DRAFT FOR LOAD NO		
DREDGING AND HAULING			AGITATING	AVG		
NO OF LOADS		TOT CU YDS	DISPOSAL AREA	TOT CU YDS	LIGHT	LOADED
3		7,905	Today: 0	FORWARD	8	16
Previous Total		Mobile 102-SW	Prev: 0	AFT	10	16
358		943,330	To Date: 0	DRAG DEPTH		8/4/2017
361		951,235			INDICATORS LAST CHECKED ON	
DISTRIBUTION OF TIME						
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME						
PUMPING			1:39		99	
TURNING			0:00		0	
TO DUMP			10:18		618	
DUMPING			0:27		27	
TO CUT			10:57		657	
TOTALS			23:21		1401	
NON-EFFECTIVE WORKING TIME						
TAKING ON FUEL AND SUPPLIES			0:00		0	
TO AND FROM ANCHORAGE			0:00		0	
LOSS DUE TO NATURAL ELEMENTS			0:39		39	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0	
MINOR OPERATING REPAIRS			0:00		0	
TRANSFERRING BETWEEN WORKS			0:00		0	
LAY TIME			0:00		0	
MISCELLANEOUS			0:00		0	
TOTALS			0:39		39	
LOST TIME						
MAJOR REPAIRS AND ALTERATIONS			0:00		0	
CESSATION			0:00		0	
COLLISIONS			0:00		0	
TOTAL LOST TIME			0:00		0	
TOTAL TIME IN PERIOD	1440					
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF			
		220	GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING			WEATHER: Winds 5 kts, Waves calm - Heavy Fog			
GALS OF FUEL OIL CONSUMED		2397				
GALS OF WATER CONSUMED		896	FIELD			
REMARKS: 39 Min @ 70% Pay -- Weather - Fog						
SUBMITTED BY:						

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.12.23 10:21

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, December 22, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 121		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
359		30	58	28		190	4	30	252				2635					
360		816	846	30		220	19	215	484				2635					
361		1603	1635	32		208	4	198	442				2635					
362		2351	2400	9				214	223									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

39 Min @ 70% Pay -- Weather - Fog
0
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES				REPORTS CONTROL SYMBOL			
IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				ENGCW-0-13 REPORT: 122			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Saturday, December 23, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO			
DREDGING AND HAULING			AGITATING		AVG		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
3	7,905		Today: 0			8	16
Previous Total		Mobile 102-SW	Prev: 0		AFT	10	16
361	951,235		To Date: 0		DRAG DEPTH		
364	959,140					INDICATORS LAST CHECKED ON	
			8/4/2017				
			GAS INJECTORS USED				
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:46		106	
TURNING				0:11		11	
TO DUMP				10:54		654	
DUMPING				0:12		12	
TO CUT				9:41		581	
TOTALS				22:44		1364	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				1:16		76	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				1:16		76	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE			
		FEET / MINUTE		0:00		1440	
LOADING		220		TIDE DATA WAS OBTAINED BY MEANS OF			
AGITATING				GAGE: NOAA tide gauge at Dog River Bridge.			
GALS OF FUEL OIL CONSUMED		2016		WEATHER: Winds 5 kts, Waves calm - Heavy Fog			
GALS OF WATER CONSUMED		896		FIELD			
REMARKS:							
76 Min @ 70% Pay - Weather - Fog							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
 p.com
 2017.12.24 09:00

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, December 23, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 122	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
362		0	19	19		198	4		221				2635				
363		722	750	28		200	4	200	432				2635				
364		1524	1607	32	11	194	4	195	436				2635				
365		2231	2258	27		62		186	275								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

76 Min @ 70% Pay -- Weather - Fog
0
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 123			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; background-color: white; border: 1px solid black;"></div> NEW WORK	DATE Sunday, December 24, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
4	10,540		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
364	959,140		To Date: 0		INDICATORS LAST CHECKED ON 8/4/2017		
368	969,680				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:22		82	
TURNING				0:00		0	
TO DUMP				12:04		724	
DUMPING				0:39		39	
TO CUT				9:33		573	
TOTALS				23:38		1418	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		22	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:22		22	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds 10 kts, Waves 1 ft			
GALS OF FUEL OIL CONSUMED		2752					
GALS OF WATER CONSUMED		896		FIELD			
REMARKS: 22 Min @ 0% Pay -- Minor Repair							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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p.com
2017.12.26 09:29

BREAKDOWN OF LOADS DREDGED AND HAULED

Sunday, December 24, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 123		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		365						136	4		140				2635			
366		527	555	28		199	27	187	441				2635					
367		1249	1317	28		196	4	188	416				2635					
368		2006	2032	26		193	4	187	410				2635					
369								11	11									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

22 Min @ 0% Pay -- Minor Repair
0
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 124	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; background-color: white; border: 1px solid black;"></div> NEW WORK	DATE Monday, December 25, 2017	
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain		
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045 gms/liter	AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006 gms/liter	AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO	
DREDGING AND HAULING			AGITATING		AVG
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
3	7,905		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
368	969,680		To Date: 0	INDICATORS LAST CHECKED ON 8/4/2017	
371	977,585			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:49	109	
TURNING			0:00	0	
TO DUMP			10:00	600	
DUMPING			0:12	12	
TO CUT			11:59	719	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE	0:00	1440
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING	220		GAGE: NOAA tide gauge at Dog River Bridge.		
GALS OF FUEL OIL CONSUMED	2962		WEATHER: Winds 20 kts, Waves 2 ft		
GALS OF WATER CONSUMED	672		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, December 25, 2017

REPORT:
124

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES			
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
369		311	340	29		194	4	191	418				2635				
370		1002	1028	26		194	4	184	408				2635				
371		1642	1712	30		198	4	176	408				2635				
372		2322	2346	24		14		168	206								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

0

0

0

0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 125				
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA				
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, December 26, 2017				
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain					
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS	
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK								
WORK PERFORMED				DRAFT FOR LOAD NO		AVG		
DREDGING AND HAULING			AGITATING		LIGHT		LOADED	
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16	
3	7,905		Today: 0		AFT	10	16	
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH			
371	977,585		To Date: 0		INDICATORS LAST CHECKED ON			
374	985,490				8/4/2017			
				GAS INJECTORS USED				
DISTRIBUTION OF TIME								
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)			
EFFECTIVE WORKING TIME								
PUMPING			1:23		83			
TURNING			0:00		0			
TO DUMP			11:48		708			
DUMPING			0:40		40			
TO CUT			9:21		561			
TOTALS			23:12		1392			
NON-EFFECTIVE WORKING TIME								
TAKING ON FUEL AND SUPPLIES			0:00		0			
TO AND FROM ANCHORAGE			0:00		0			
LOSS DUE TO NATURAL ELEMENTS			0:00		0			
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0			
MINOR OPERATING REPAIRS			0:00		48			
TRANSFERRING BETWEEN WORKS			0:00		0			
LAY TIME			0:00		0			
MISCELLANEOUS			0:00		0			
TOTALS			0:48		48			
LOST TIME								
MAJOR REPAIRS AND ALTERATIONS			0:00		0			
CESSATION			0:00		0			
COLLISIONS			0:00		0			
TOTAL LOST TIME			0:00		0			
TOTAL TIME IN PERIOD	1440							
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440			
LOADING	FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING	220		WEATHER: Winds NE 5-10 kts, Waves 1 ft					
GALS OF FUEL OIL CONSUMED	2694		FIELD					
GALS OF WATER CONSUMED	896							
REMARKS: 48 Min @ 0 % Pay -- Minor Repairs And Loading Supplies								
SUBMITTED BY:								

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dutragrou
p.com
2017.12.27 10:54

BREAKDOWN OF LOADS DREDGED AND HAULED

Tuesday, December 26, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 125		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
		372						194	4		198				2635			
373		633	657	24		191	32	195	442				2635					
374		1442	1515	33		188	4	194	419				2635					
375		2119	2145	26		135		172	333									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
48 Min @ 0 % Pay -- Minor Repairs And Loading Supplies 0 0 0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 126	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK	DATE Wednesday, December 27, 2017	
AV LENGTH OF CUT 6000 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT			DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP 34.03 Sta. MILE			DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		LIGHT LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	8 16
3	7,905		Today: 0	AFT	10 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
374	985,490		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
377	993,395			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:27	87	
TURNING			0:00	0	
TO DUMP			8:17	497	
DUMPING			0:38	38	
TO CUT			10:03	603	
TOTALS			20:25	1225	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			1:00	60	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:17	17	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			2:18	138	
TOTALS			3:35	215	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00		
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
		220	GAGE: NOAA tide gauge at Dog River Bridge.		
AGITATING			WEATHER: Winds N 15-20 kts, Waves 2-3 ft light rain		
GALS OF FUEL OIL CONSUMED		2216			
GALS OF WATER CONSUMED		1120	FIELD		
REMARKS: 198 Min @ 0 % Pay -- Other And Loading Supplies 17 Min @ 70% Pay -- Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

agreniuk@dustragrou
p.com
2017.12.28 08:02

BREAKDOWN OF LOADS DREDGED AND HAULED

Wednesday, December 27, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 126		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
375						56	4		60				2635					
376		423	450	27		179	4	203	413				2635					
377		1235	1305	30		204	30	202	466				2635					
378		2225	2255	30		58		198	286									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

198 Min @ 0 % Pay -- Other And Loading Supplies
 17 Min @ 70% Pay -- Traffic
 0
 0



NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES

IDIQ Rental of Hopper Dredge and Attendant Plant
W91278-17-D-0092
Task Order 0001

REPORTS CONTROL SYMBOL
ENGCV-0-13 REPORT: 127

DISTRICT U.S. ARMY COE, MOBILE DISTRICT		DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00		 MAINTENANCE  NEW WORK	DATE Thursday, December 28, 2017
AV LENGTH OF CUT 6000 FT		CHARACTER OF MATERIAL	
AV WIDTH OF CUT 400 FT	DENSITY OF MATERIAL 1.045 gms/liter	HOPPER CAPACITY 4387 CU YDS	
AV DIST TO DUMP 34.03 Sta. MILE	DENSITY OF WATER 1.006 gms/liter	AV VOL OF BIN WATER 0 CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)		AV UNFILLED CAPACITY 0 CU YDS	

RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK

WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING	FORWARD		LIGHT	LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS				
4	10,540		Today: 0	AFT		8	16
Previous Total			Prev: 0	DRAG DEPTH		8/4/2017	
377	993,395	Mobile 102-SW	To Date: 0	INDICATORS LAST CHECKED ON			
381	1,003,935			GAS INJECTORS USED			

DISTRIBUTION OF TIME			
	AGITATING (Minutes)	DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME			
PUMPING		1:24	84
TURNING		0:00	0
TO DUMP		11:37	697
DUMPING		0:16	16
TO CUT		10:33	633
TOTALS		23:50	1430
NON-EFFECTIVE WORKING TIME			
TAKING ON FUEL AND SUPPLIES		0:00	0
TO AND FROM ANCHORAGE		0:00	0
LOSS DUE TO NATURAL ELEMENTS		0:00	0
LOSS DUE TO TRAFFIC AND BRIDGES		0:10	10
MINOR OPERATING REPAIRS		0:00	0
TRANSFERRING BETWEEN WORKS		0:00	0
LAY TIME		0:00	0
		0:00	0
MISCELLANEOUS		0:00	0
TOTALS		0:10	10
LOST TIME			
MAJOR REPAIRS AND ALTERATIONS		0:00	
CESSATION		0:00	
COLLISIONS		0:00	
TOTAL LOST TIME		0:00	0
TOTAL TIME IN PERIOD	1440		
AVERAGE SPEED OF DREDGE		MINUTES RADAR IN USE	0:00 1440

LOADING	FEET / MINUTE 220	TIDE DATA WAS OBTAINED BY MEANS OF	GAGE: NOAA tide gauge at Dog River Bridge.
AGITATING		WEATHER:	Winds N 10 kts, Waves 1-2 ft light rain
GALS OF FUEL OIL CONSUMED	3387		
GALS OF WATER CONSUMED	935	FIELD	

REMARKS:

10 Min @ 70% Pay -- Traffic

SUBMITTED BY:

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED

Thursday, December 28, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 127
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	
378						126	4		130				2635				
379		518	546	28		190	4	188	410				2635				
380		1157	1227	30		192	4	177	403				2635				
381		1850	1916	26		189	4	177	396				2635				
382								91									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

0
10 Min @ 70% Pay -- Traffic
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 128			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; border: 1px solid black;"></div> NEW WORK	DATE Friday, December 29, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	0	CU YDS
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	0	CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	8	16
3	7,905		Today: 0		AFT	10	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
381	1,003,935		To Date: 0		INDICATORS LAST CHECKED ON		
384	1,011,840				8/4/2017		
				DISTRIBUTION OF TIME			
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				1:53		113	
TURNING				0:06		6	
TO DUMP				10:20		620	
DUMPING				0:12		12	
TO CUT				9:57		597	
TOTALS				22:28		1348	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:40		40	
MINOR OPERATING REPAIRS				0:00		52	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				1:32		92	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00			
CESSATION				0:00			
COLLISIONS				0:00			
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE		0:00 1440	
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at Dog River Bridge.			
AGITATING				WEATHER: Winds N 10 kts, Waves 1-2 ft			
GALS OF FUEL OIL CONSUMED		3231					
GALS OF WATER CONSUMED		748		FIELD			
REMARKS: 52 Min @ 0% Pay -- Minor Repairs 40 Min @ 70% Pay -- Traffic							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

 agreniuk@dutragrou
 p.com
 2017.12.30 07:34

BREAKDOWN OF LOADS DREDGED AND HAULED

Friday, December 29, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 128	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***		% SOLIDS (IN PLACE) ***
		382		134	203	29		174	4	94	301				2635			
383		856	920	24		192	4	163	383				2635					
384		1531	1601	30		180	4	170	384				2635					
385		2210	2246	30	6	74		170	280									
AVERAGE																		

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

52 Min @ 0% Pay -- Minor Repairs
 40 Min @ 70% Pay -- Traffic
 0
 0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 129			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00			<div style="display: inline-block; width: 20px; height: 10px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 10px; background-color: white; border: 1px solid black;"></div> NEW WORK	DATE Saturday, December 30, 2017			
			NUMBER OF PERSONS IN CREW 17 13 Crew + 2 Observers + 1 QC + 1 Boat Captain				
AV LENGTH OF CUT	6000	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	34.03	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO		AVG	
DREDGING AND HAULING			AGITATING		LIGHT		LOADED
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD		
4	10,540		Today: 0		AFT		
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH		
384	1,011,840		To Date: 0		INDICATORS LAST CHECKED ON		8/4/2017
388	1,022,380				GAS INJECTORS USED		
DISTRIBUTION OF TIME							
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)		
EFFECTIVE WORKING TIME							
PUMPING			1:19		79		
TURNING			0:00		0		
TO DUMP			10:41		641		
DUMPING			0:46		46		
TO CUT			11:14		674		
TOTALS			0:00		1440		
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES			0:00		0		
TO AND FROM ANCHORAGE			0:00		0		
LOSS DUE TO NATURAL ELEMENTS			0:00		0		
LOSS DUE TO TRAFFIC AND BRIDGES			0:00		0		
MINOR OPERATING REPAIRS			0:00		0		
TRANSFERRING BETWEEN WORKS			0:00		0		
LAY TIME			0:00		0		
MISCELLANEOUS							
TOTALS			0:00		0		
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS			0:00		0		
CESSATION			0:00		0		
COLLISIONS			0:00		0		
TOTAL LOST TIME			0:00		0		
TOTAL TIME IN PERIOD	1440						
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440		
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		GAGE: NOAA tide gauge at Dog River Bridge.		
		220			WEATHER: Winds N 5-10 kts, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED		3259	FIELD				
GALS OF WATER CONSUMED		935					
REMARKS: 100% Day							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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p.com
2017.12.31 08:24

BREAKDOWN OF LOADS DREDGED AND HAULED

Saturday, December 30, 2017

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 129	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
385						94	34		128				2635				
386		525	553	28		181	4	197	410				2635				
387		1154	1218	24		189	4	176	393				2635				
388		1832	1859	27		177	4	181	389				2635				
389								120	120								

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

100% Day
0
0
0

NOTE:

- * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
- ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
- *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

BREAKDOWN OF LOADS DREDGED AND HAULED

Sunday, December 31, 2017

LOAD No.	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 130		
	UNWATERED	STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS **	SUSPENDED SOLIDS **	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
389		102	128	26		176	4	62	268				2635					
390		746	817	25	6	184	4	188	407				2635					
391		2343	2400	17				171	188									

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu. Yds..)	TEST LOAD No.	DATE OF TEST
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REMARKS

10 min @ 70% Pay -- Traffic
 567 min @ 0% Pay -- Misc / Supplies / To and From
 0
 0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 131			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area 6 Sta 494+00 to 554+00		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK		DATE Monday, January 01, 2018			
AV LENGTH OF CUT 6000 FT		CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS			
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS			
AV DIST TO DUMP 34.03 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS			
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO			
DREDGING AND HAULING			AGITATING		AVG		
NO OF LOADS		TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT	LOADED
1		2,635		Today: 0	AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	INDICATORS LAST CHECKED ON	10	16
390		1,027,750	To Date: 0	GAS INJECTORS USED	8/4/2017		
391		1,030,385					
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:09		9	
TURNING				0:00		0	
TO DUMP				2:57		177	
DUMPING				0:04		4	
TO CUT				0:00		0	
TOTALS				3:10		190	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				20:50		1250	
TOTALS				20:50		1250	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF		GAGE: NOAA tide gauge at Dog River Bridge.	
LOADING		220		WEATHER: Winds N 205 kts, Waves 3-4 ft			
GALS OF FUEL OIL CONSUMED		3127		FIELD			
GALS OF WATER CONSUMED		750					
REMARKS: 1250 min @ 0% Pay -- Misc off ProjectTraffic							
SUBMITTED BY:							

(SEE REVERSE SIDE)

ENG FORM 27A, Apr 73

REPLACES COST FORM 27A, 1 SEP 63, WHICH MAY BE USED.

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p.com
2018.01.02 17:31

BREAKDOWN OF LOADS DREDGED AND HAULED

Monday, January 01, 2018

REPORT:
131

LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES				
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***	
391		0	9	9		177	4		190					2635				

AVERAGE

ECONOMIC LOAD DATA

PUMPING TIME (MINUTES)	ECONOMIC LOAD (Cu . Yds..)	TEST LOAD No.	DATE OF TEST
------------------------	----------------------------	---------------	--------------

REMARKS

1250 min @ 0% Pay – Misc off ProjectTraffic
0
0
0

NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"
 ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER
 *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 180	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09+00			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, April 24, 2018	
AV LENGTH OF CUT 4100 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT			DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP 45 Sta. MILE			DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
1	2,635		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
391	1,030,285		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
392	1,032,920			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING					
TURNING					
TO DUMP					
DUMPING					
TO CUT					
TOTALS					
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES					
TO AND FROM ANCHORAGE					
LOSS DUE TO NATURAL ELEMENTS					
LOSS DUE TO TRAFFIC AND BRIDGES					
MINOR OPERATING REPAIRS					
TRANSFERRING BETWEEN WORKS					
LAY TIME					
MISCELLANEOUS					
TOTALS					
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS					
CESSATION					
COLLISIONS					
TOTAL LOST TIME					
TOTAL TIME IN PERIOD 1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE 0:00 1440	
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING		220	GAGE: NOAA tide gauge at State Docks.		
GALS OF FUEL OIL CONSUMED		680	WEATHER: Winds S 20 kts, Waves 1-3 ft		
GALS OF WATER CONSUMED		896	FIELD		
REMARKS:					
913 min @ 0% Pay -- Major-Minor Repairs -- Shipyard					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Tuesday, April 24, 2018				
LOAD No.	UNWATERED	TIME PUMP		MINUTES						CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 180	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE	DENSITY GMS/LITER ***		% SOLIDS (IN PLACE) ***
392		838	914	28	8	267	4		307				2635					
393								220	220									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)						TEST LOAD No.				DATE OF TEST				
REMARKS																		
913 min @ 0% Pay -- Major-Minor Repairs -- Shipyard																		
0																		
0																		
0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 245	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, April 25, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT			DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP 45 Sta. MILE			DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		LIGHT
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LOADED
2	5,270		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
392	1,032,920		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
394	1,038,190			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:37	97	
TURNING			0:00	0	
TO DUMP			11:46	706	
DUMPING			0:08	8	
TO CUT			9:29	569	
TOTALS			23:00	1380	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	60	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			1:00	60	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING		220	GAGE: NOAA tide gauge at State Docks.		
AGITATING			WEATHER: Winds S 10 kts, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED		2660			
GALS OF WATER CONSUMED		1194	FIELD		
REMARKS: <p style="text-align: center;">60 min @ 0% Pay -- Minor Repairs</p>					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Wednesday, April 25, 2018				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 245	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
393		136	218	42		249	4	36	331				2635				
394		1102	1129	27		269	4	271	571				2635				
395		2024	2052	28		188		262	478								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
60 min @ 0% Pay -- Minor Repairs																	
0																	
0																	
0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 246	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Thursday, April 26, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS	
AV DIST TO DUMP 45 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) <div style="text-align: center;">RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK</div>					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS		TOT CU YDS	DISPOSAL AREA		TOT CU YDS
3		7,905	Mobile 102-SW		0
Previous Total			Today:		0
394		1,038,190	Prev:		0
397		1,046,095	To Date:		0
				FORWARD LIGHT LOADED	
				AFT 8 16	
				DRAG DEPTH 10 16	
				INDICATORS LAST CHECKED ON 8/4/2017	
				GAS INJECTORS USED	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
				MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME					
PUMPING				1:01 61	
TURNING				0:00 0	
TO DUMP				10:08 608	
DUMPING				0:12 12	
TO CUT				12:39 759	
TOTALS				0:00 1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00 0	
TO AND FROM ANCHORAGE				0:00 0	
LOSS DUE TO NATURAL ELEMENTS				0:00 0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00 0	
MINOR OPERATING REPAIRS				0:00 0	
TRANSFERRING BETWEEN WORKS				0:00 0	
LAY TIME				0:00 0	
MISCELLANEOUS				0:00 0	
TOTALS				0:00 0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00 0	
CESSATION				0:00 0	
COLLISIONS				0:00 0	
TOTAL LOST TIME				0:00 0	
TOTAL TIME IN PERIOD		1440			
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE 0:00 1440	
LOADING		FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF	
AGITATING				GAGE: NOAA tide gauge at State Docks.	
GALS OF FUEL OIL CONSUMED		2399		WEATHER: Winds light and variable, Waves 1-2 ft	
GALS OF WATER CONSUMED		895		FIELD	
REMARKS: <div style="text-align: center;">100% Day</div>					
SUBMITTED BY:					
(SEE REVERSE SIDE)					

BREAKDOWN OF LOADS DREDGED AND HAULED													Thursday, April 26, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 246		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
395						67	4		71				2635					
396		543	612	29		274	4	272	579				2635					
397		1518	1550	32		267	4	268	571				2635					
398								219										
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day 0 0 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED													Friday, April 27, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 247		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
398		52	124	32		265	4	52	353				2635					
399		1026	1100	34		274	4	273	585				2635					
400		2032	2055	23		185		294	502									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day 0 0 0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 248	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, April 28, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT			DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP 45 Sta. MILE			DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		LIGHT
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LOADED
2	5,270		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
399	1,051,365		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
401	1,056,635			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			0:51	51	
TURNING			0:00	0	
TO DUMP			9:38	578	
DUMPING			0:30	30	
TO CUT			9:02	542	
TOTALS			20:01	1201	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	239	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			3:59	239	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING		220	GAGE: NOAA tide gauge at State Docks.		
AGITATING			WEATHER: Winds light and variable, Waves 1-2 ft		
GALS OF FUEL OIL CONSUMED		1317			
GALS OF WATER CONSUMED		748	FIELD		
REMARKS:					
239 min @ 0% Pay -- Minor Repairs -- Electrical					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Saturday, April 28, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 248		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
400						86	4		90				2635					
401		600	624	24		287	4	270	585				2635					
402		1609	1636	27		295		272	594									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
239 min @ 0% Pay -- Minor Repairs -- Electrical																		
0																		
0																		
0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 250			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09				<input checked="" type="checkbox"/> MAINTENANCE	DATE Monday, April 30, 2018		
				<input type="checkbox"/> NEW WORK	NUMBER OF PERSONS IN CREW 19 13 Crew + 2 Observers + 1 QC + 2 Boat Captain+ 1 SSHO		
AV LENGTH OF CUT	4300	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	45	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO AVG			
DREDGING AND HAULING			AGITATING				
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
3	7,905		Today: 0			8	16
Previous Total		Mobile 102-SW	Prev: 0		AFT	10	16
403	1,061,905		To Date: 0		DRAG DEPTH		
406	1,069,810				INDICATORS LAST CHECKED ON	8/4/2017	
				GAS INJECTORS USED			
DISTRIBUTION OF TIME							
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)	
EFFECTIVE WORKING TIME							
PUMPING				0:53		53	
TURNING				0:00		0	
TO DUMP				12:35		755	
DUMPING				0:12		12	
TO CUT				10:20		620	
TOTALS				0:00		1440	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		0	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				0:00		0	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440					
AVERAGE SPEED OF DREDGE				MINUTES RADAR IN USE 0:00 1440			
LOADING		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
		220		GAGE: NOAA tide gauge at State Docks.			
AGITATING				WEATHER: Winds light and variable, Waves 1-2 ft			
GALS OF FUEL OIL CONSUMED		2365					
GALS OF WATER CONSUMED		935		FIELD			
REMARKS: 100% Day							
SUBMITTED BY:							

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Monday, April 30, 2018				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 250		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
404						219	4		223				2635					
405		750	816	26		281	4	247	558				2635					
406		1730	1757	27		255	4	269	555									
407								104	104									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day 0 0 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENGCW-0-13 REPORT: 251			
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA			
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09				<div style="display: inline-block; width: 20px; height: 15px; background-color: black; margin-bottom: 5px;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black; margin-bottom: 5px;"></div> NEW WORK		DATE Tuesday, May 01, 2018	
				NUMBER OF PERSONS IN CREW 19 13 Crew + 2 Observers + 1 QC + 2 Boat Captain+ 1 SSHO			
AV LENGTH OF CUT	4300	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY	4387	CU YDS
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter	AV VOL OF BIN WATER	0
AV DIST TO DUMP	45	Sta. MILE	DENSITY OF WATER	1.006	gms/liter	AV UNFILLED CAPACITY	0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)							
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK							
WORK PERFORMED				DRAFT FOR LOAD NO AVG			
DREDGING AND HAULING				AGITATING			
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS		FORWARD	LIGHT	LOADED
1	2,635		Today: 0		AFT	8	16
Previous Total		Mobile 102-SW	Prev: 0		DRAG DEPTH	10	16
406	1,069,810		To Date: 0		INDICATORS LAST CHECKED ON	8/4/2017	
407	1,072,445		GAS INJECTORS USED				
DISTRIBUTION OF TIME							
		AGITATING <i>(Minutes)</i>		DREDGING AND HAULING <i>(Minutes)</i>		MILES RUN <i>(Stat. Miles)</i>	
EFFECTIVE WORKING TIME							
PUMPING				0:28		28	
TURNING				0:00		0	
TO DUMP				4:33		273	
DUMPING				0:04		4	
TO CUT				6:38		398	
TOTALS				11:43		703	
NON-EFFECTIVE WORKING TIME							
TAKING ON FUEL AND SUPPLIES				0:00		0	
TO AND FROM ANCHORAGE				0:00		0	
LOSS DUE TO NATURAL ELEMENTS				0:00		0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:00		0	
MINOR OPERATING REPAIRS				0:00		737	
TRANSFERRING BETWEEN WORKS				0:00		0	
LAY TIME				0:00		0	
MISCELLANEOUS				0:00		0	
TOTALS				12:17		737	
LOST TIME							
MAJOR REPAIRS AND ALTERATIONS				0:00		0	
CESSATION				0:00		0	
COLLISIONS				0:00		0	
TOTAL LOST TIME				0:00		0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE		0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF			
LOADING		220		GAGE: NOAA tide gauge at State Docks.			
AGITATING				WEATHER: Winds light and variable, Waves 1-2 ft			
GALS OF FUEL OIL CONSUMED		1149					
GALS OF WATER CONSUMED		935		FIELD			
REMARKS: <p style="text-align: center;">737 min @ 0% Pay -- Minor Repairs</p>							
SUBMITTED BY:							

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Tuesday, May 01, 2018			
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 251	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
407		240	308	28		273	4	160	465				2635				
408								238	238								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
737 min @ 0% Pay -- Minor Repairs																	
0																	
0																	
0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

BREAKDOWN OF LOADS DREDGED AND HAULED											Wednesday, May 02, 2018							
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 252		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
408		23	54	31		264	4	23	322				2635					
409		952	1023	31		270	4	270	575				2635					
410		1938	2003	25		237		281	543									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day 0 0 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED														Thursday, May 03, 2018			
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 253	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
410						21	4		25				2635				
411		446	510	24		269	4	261	558				2635				
412		140	1430	27		257	4	260	548				2635				
413		2327	2359	32		1		276	309								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
100% Day 0 0 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 254	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK	DATE Friday, May 04, 2018	
			NUMBER OF PERSONS IN CREW 19 13 Crew + 2 Observers + 1 QC + 2 Boat Captain+ 1 SSHO		
AV LENGTH OF CUT	4300	FT	CHARACTER OF MATERIAL		HOPPER CAPACITY
AV WIDTH OF CUT	400	FT	DENSITY OF MATERIAL	1.045	gms/liter
AV DIST TO DUMP	43	Sta. MILE	DENSITY OF WATER	1.006	gms/liter
					AV UNFILLED CAPACITY
					0
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
3	7,905		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
412	1,085,620		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
415	1,093,525			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
		AGITATING (Minutes)	DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:01	61	
TURNING			0:00	0	
TO DUMP			12:53	773	
DUMPING			1:16	76	
TO CUT			8:50	530	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE	220	TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING			GAGE: NOAA tide gauge at State Docks.		
GALS OF FUEL OIL CONSUMED			WEATHER: Winds light and variable, Waves 1-2 ft		
GALS OF WATER CONSUMED			FIELD		
REMARKS:					
100% Day					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Friday, May 04, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 254		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
413						255	4		259				2635					
414		834	906	32		270	38	255	595				2635					
415		1849	1918	29		248	34	275	586				2635					
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day 0 0 0																		
NOTE: * WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U" ** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER *** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 255	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Saturday, May 05, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS	
AV DIST TO DUMP 43 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
2	7,905		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
415	1,093,525		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
417	1,101,430			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:10	70	
TURNING			0:00	0	
TO DUMP			8:54	534	
DUMPING			0:47	47	
TO CUT			13:09	789	
TOTALS			0:00	1440	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:00	0	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
AGITATING		220	GAGE: NOAA tide gauge at State Docks.		
GALS OF FUEL OIL CONSUMED		2137	WEATHER: Winds light and variable, Waves 1-2 ft		
GALS OF WATER CONSUMED		561	FIELD		
REMARKS:					
<p>100% Day Load 415 recorded on 5/4 daily dumping at midnight and continued 4 minutes into 5/5</p>					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Saturday, May 05, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 255		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
416		423	454	31		276	38	259	604				2635					
417		1422	1451	29		258	5	254	546 0				2635					
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu. Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day Load 415 recorded on 5/4 daily dumping at midnight and continued 4 minutes into 5/5 0 0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

BREAKDOWN OF LOADS DREDGED AND HAULED													Sunday, May 06, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 256		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
418			27	27		258	4		289				2635					
419	900	933	33		277	4	251	565				2635						
420	1844	1912	28		258	4	270	560				2635						
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
100% Day 0 0 0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 257	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Monday, May 07, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		
AV WIDTH OF CUT 400 FT			DENSITY OF MATERIAL 1.045 gms/liter		
AV DIST TO DUMP 43 Sta. MILE			DENSITY OF WATER 1.006 gms/liter		
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)				HOPPER CAPACITY 4387 CU YDS	
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK				AV VOL OF BIN WATER 0 CU YDS	
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS		TOT CU YDS	DISPOSAL AREA		TOT CU YDS
2		5,270	Mobile 102-SW		Today: 0
Previous Total			Prev: 0		AFT
420		1,109,335	To Date: 0		DRAG DEPTH
422		1,114,605			INDICATORS LAST CHECKED ON 8/4/2017
					GAS INJECTORS USED
DISTRIBUTION OF TIME					
		AGITATING (Minutes)		DREDGING AND HAULING (Minutes)	
				LIGHT LOADED	
EFFECTIVE WORKING TIME					
PUMPING				1:22 82	
TURNING				0:00 0	
TO DUMP				9:24 564	
DUMPING				0:37 37	
TO CUT				12:31 751	
TOTALS				23:54 1434	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES				0:00 0	
TO AND FROM ANCHORAGE				0:00 0	
LOSS DUE TO NATURAL ELEMENTS				0:00 0	
LOSS DUE TO TRAFFIC AND BRIDGES				0:06 6	
MINOR OPERATING REPAIRS				0:00 0	
TRANSFERRING BETWEEN WORKS				0:00 0	
LAY TIME				0:00 0	
MISCELLANEOUS				0:00 0	
TOTALS				0:06 6	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS				0:00 0	
CESSATION				0:00 0	
COLLISIONS				0:00 0	
TOTAL LOST TIME				0:00 0	
TOTAL TIME IN PERIOD		1440		MINUTES RADAR IN USE 0:00 1440	
AVERAGE SPEED OF DREDGE		FEET / MINUTE		TIDE DATA WAS OBTAINED BY MEANS OF	
LOADING		220		GAGE: NOAA tide gauge at State Docks.	
AGITATING				WEATHER: Winds light and variable, Waves 1 ft	
GALS OF FUEL OIL CONSUMED		2518			
GALS OF WATER CONSUMED		748		FIELD	
REMARKS: 6 min @ 70% Pay -- Traffic					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Monday, May 07, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 257		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
421		401	430	29		281	33	241	584				2635					
422		1354	1420	26		279	4	250	559				2635					
423		2329	2356	27		4		260	291									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
6 min @ 70% Pay -- Traffic																		
0																		
0																		
0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 258	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Tuesday, May 08, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT			DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS
AV DIST TO DUMP 43 Sta. MILE			DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
3	7,905		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
422	1,114,605		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
425	1,122,510			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			1:00	60	
TURNING			0:00	0	
TO DUMP			13:00	780	
DUMPING			0:12	12	
TO CUT			9:27	567	
TOTALS			23:39	1419	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:12	12	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:09	9	
TOTALS			0:21	21	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00		
COLLISIONS			0:00		
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1440				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING		220	GAGE: NOAA tide gauge at State Docks.		
AGITATING			WEATHER: Winds light and variable, Waves 1 ft		
GALS OF FUEL OIL CONSUMED		2131			
GALS OF WATER CONSUMED		748	FIELD		
REMARKS: 12 min @ 70% Pay -- Traffic 9 min @ 0% Pay -- Loading Stores					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Tuesday, May 08, 2018			
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 258	
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***
423						256	4		260				2635				
424		836	905	29		265	4	250	548				2635				
425		1755	1826	31		259	4	246	540				2635				
426								71	71								
AVERAGE																	
ECONOMIC LOAD DATA																	
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST				
REMARKS																	
12 min @ 70% Pay -- Traffic 9 min @ 0% Pay -- Loading Stores 0 0																	
NOTE:																	
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																	
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																	
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																	

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 259	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Wednesday, May 09, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS	
AV DIST TO DUMP 43 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
1	2,635		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	
425	1,122,510		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
426	1,125,145			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			0:56	56	
TURNING			0:00	0	
TO DUMP			4:56	296	
DUMPING			0:04	4	
TO CUT			7:05	425	
TOTALS			13:01	781	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			3:49	229	
TO AND FROM ANCHORAGE			2:43	163	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:30	30	
MINOR OPERATING REPAIRS			0:00	237	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:09	9	
LOST TIME			11:08	668	
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	1449				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
		FEET / MINUTE	TIDE DATA WAS OBTAINED BY MEANS OF		
LOADING	220		GAGE: NOAA tide gauge at State Docks.		
AGITATING			WEATHER: Winds light and variable, Waves 1 ft		
GALS OF FUEL OIL CONSUMED	1861				
GALS OF WATER CONSUMED	822		FIELD		
REMARKS: 30 min @ 70% Pay -- Traffic 629 min @ 0% Pay -- Fuel Day					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED													Wednesday, May 09, 2018					
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 259		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
426		304	332	28		272	4	184	488				2635					
427		2308	2336	28		24		241	293									
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
30 min @ 70% Pay -- Traffic 629 min @ 0% Pay -- Fuel Day 0 0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		

DAILY REPORT OF OPERATIONS - HOPPER DREDGES IDIQ Rental of Hopper Dredge and Attendant Plant W91278-17-D-0092 Task Order 0001				REPORTS CONTROL SYMBOL ENG CW-0-13 REPORT: 260	
DISTRICT U.S. ARMY COE, MOBILE DISTRICT				DREDGE M / V COLUMBIA	
EXACT LOCATION OF WORK Mobile Harbor Ship Channel, Mobile AL Dredge Area Upriver Sta 29+00 to 72+09			<div style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> MAINTENANCE <div style="display: inline-block; width: 20px; height: 15px; border: 1px solid black;"></div> NEW WORK	DATE Thursday, May 10, 2018	
AV LENGTH OF CUT 4300 FT			CHARACTER OF MATERIAL		HOPPER CAPACITY 4387 CU YDS
AV WIDTH OF CUT 400 FT		DENSITY OF MATERIAL 1.045 gms/liter		AV VOL OF BIN WATER 0 CU YDS	
AV DIST TO DUMP 43 Sta. MILE		DENSITY OF WATER 1.006 gms/liter		AV UNFILLED CAPACITY 0 CU YDS	
NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.)					
RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK					
WORK PERFORMED				DRAFT FOR LOAD NO AVG	
DREDGING AND HAULING			AGITATING		
NO OF LOADS	TOT CU YDS	DISPOSAL AREA	TOT CU YDS	FORWARD	LIGHT LOADED
1	2,635		Today: 0	AFT	8 16
Previous Total		Mobile 102-SW	Prev: 0	DRAG DEPTH	10 16
426	1,125,145		To Date: 0	INDICATORS LAST CHECKED ON	8/4/2017
427	1,127,780			GAS INJECTORS USED	
DISTRIBUTION OF TIME					
	AGITATING (Minutes)		DREDGING AND HAULING (Minutes)		MILES RUN (Stat. Miles)
EFFECTIVE WORKING TIME					
PUMPING			0:00	0	
TURNING			0:00	0	
TO DUMP			3:57	237	
DUMPING			0:30	30	
TO CUT			0:00	0	
TOTALS			4:27	267	
NON-EFFECTIVE WORKING TIME					
TAKING ON FUEL AND SUPPLIES			0:00	0	
TO AND FROM ANCHORAGE			0:00	0	
LOSS DUE TO NATURAL ELEMENTS			0:00	0	
LOSS DUE TO TRAFFIC AND BRIDGES			0:00	0	
MINOR OPERATING REPAIRS			0:00	0	
TRANSFERRING BETWEEN WORKS			0:00	0	
LAY TIME			0:00	0	
MISCELLANEOUS			0:00	0	
TOTALS			0:09	9	
LOST TIME					
MAJOR REPAIRS AND ALTERATIONS			0:00	0	
CESSATION			0:00	0	
COLLISIONS			0:00	0	
TOTAL LOST TIME			0:00	0	
TOTAL TIME IN PERIOD	276				
AVERAGE SPEED OF DREDGE			MINUTES RADAR IN USE		0:00 1440
LOADING	FEET / MINUTE 220		TIDE DATA WAS OBTAINED BY MEANS OF GAGE: NOAA tide gauge at State Docks.		
AGITATING			WEATHER: Winds light and variable, Waves 1 ft		
GALS OF FUEL OIL CONSUMED	1861				
GALS OF WATER CONSUMED	822		FIELD		
REMARKS:					
SUBMITTED BY:					

(SEE REVERSE SIDE)

BREAKDOWN OF LOADS DREDGED AND HAULED														Thursday, May 10, 2018				
LOAD No.	UNWATERED	TIME PUMP		MINUTES					CUBIC YARDS RETAINED <i>(In terms of in place material)</i>					MID-DEPTH SAMPLES		REPORT: 260		
		STARTED	STOPPED	PUMPING	TURNING	TO DUMP	DUMPING	TO CUT	TOTAL	SETTLED SOLIDS ***	SUSPENDED SOLIDS ***	BIN WATER SOLIDS	TOTAL **	PER PUMPING MINUTE	PER ELAPSED MINUTE		DENSITY GMS/LITER ***	% SOLIDS (IN PLACE) ***
427						237	30		267				2635					
AVERAGE																		
ECONOMIC LOAD DATA																		
PUMPING TIME (MINUTES)				ECONOMIC LOAD (Cu . Yds..)					TEST LOAD No.				DATE OF TEST					
REMARKS																		
0																		
0																		
0																		
0																		
NOTE:																		
* WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U"																		
** TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER																		
*** NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER																		