	QUALITY CONTROL REPORT-BUCKET/PIPELINE											Page	1 of 143			
CONTRACT NO		CONTRACT T	TLE				CONTRACTOR					REPOR	T NO.			
W9127818D0103 V	N9127818F0624	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								1
CHARACTER O REPORT	F	X MAINTE	NANCE			<	ENV	IRONMENTA	4L			<b>DATE</b> 04/01	/2019			
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		iН								2				7
			ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO. SHORE			ERS	тот	
		PIPELINE	BUCKET		PUMP		EJET	BUCKET		DREDGE	SHURE	-	OTHER		1017	4L
		8000		0	4000		0		0	24 0				2		26
					LOCAT	ION/C	HANNEL C	FWORK								
		REACH DRED	GED; STA	TION T	O STATION	DIS	POSAL AREA USED QTY DEPOSITED GROSS (CY)						CUMMU			
LOCATIC		Prep to s	tart - no d	redain	g this day		North	Pinto			)		DEPOSI		DA (C 0	Y)
CHARACT		GRAVEL	SAND	<b>j</b>	CLAY	MUI		SILT					SHELL		отн	ER
MATERIA		0 %	60 %		0 %	30 %		10 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPT	н	BE	FORE DREI	DGING		0	AFTE	R DRED	GING		0	
RIVER/	RIVER/TIDE MIN 0 TIME 00:00			MAX	0	тім	1E 00	:00 GA	GE LOC/	ATION L	ISCG S	ector I	Mobile			
STAG	STAGE MIN 0 TIME 00:00			MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	1LLW					
		WEATHER			-		TEMP (min/			BILITY	WIN		-			
WEATHER CO	ONDITION	Weather Cau	sed No De	elay			60 °F .	/ 76 °F		5 MI		5 - 10 V	ariable M	PH		
		WORK PERFO	RMED							DISTRIBL		FWOR	(			
ITEM	1	UNIT			QUANTITY									HF	ł.	MIN.
AVERAGE OF CU		FT			(CHARGEABLE TO COST OF WOR 200 PUMPING OR DREDGING				.K)			0	0			
TOTAL AD\ THIS PEF		FT							0%							
TOTAL AD\ PREVIOU		FT		0 BOOSTER (IN LINE) 0 NON-EFFECTIVE WORKING TIME						-						
TOTAL AD TO DA	-	FT		(CHARGEABLE COST OF WORK) HANDLING PIPE LINES				)			0	0				
SCOWS LC	DADED	NUMBER				(		IDLING ANCHOR LINES							0	0
AVERAGE PER SC		CY				(	)	IG PUMP AN							0	0
FLOATING PIPE		SHORE PIPE 7,0	00	SUBM	IERGED PIPE	0		FOR SCOW		SUCTION HEAD	)				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			7,000	-			OR ANCHORAGE	:				0	0
		CROSS			CREDITED		CHANGI	NG LOCATIC	DN C	OF PLANT ON JO	В				0	0
CUBIC YARDS I		GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS				0	0
AMOUNT DRED THIS DATE	GE		0			(	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		0			(		FOR BOOS	TER	8					0	0
TOTAL AMOUN DREDGED TO D			0			(		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			NA			NA			NDA	NT PLANT					0	0
PUMPING/CUTT	ING HR					11/	PREPAR			KING UP TOW					0	0
		OPERATING SUI	PLIES								KS				0	0
СОММОЕ	ОГТҮ	CONSUME	D		CREDITED					ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		SUNDAYS AND HOLIDAYS							0	0	
FUEL	BBL		746			(	]		AY O	F TRAFFIC					0	0
ELECTRICITY	KW		0			(	0 MOVING OUT OF WAY OF TRAFFIC							13	0	
			-					ON-EFFECT	IVE	TIME					13	0
LUBRICANTS MOB DATE	GAL	DREDGE START	10	DEMO	DB DATE		0 PCT. OF NON-EFFECTIVE 54%					54%				
	04/01/2019		/01/2019		DUALE					NON-EFFECTIVI	ETIME				13	0
		•		I					031					L		

	PAGE NO. Page 2 of 14						
CONTRACT NO.	CONTRACT TITLE		C	CONTRACTOR	F		
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	/like Hooks, L.L.C			1
DREDGE	C	DATE 04/01/2019					
	(NOT C	HARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0
Tender	Ashley	250	24:00	CESSATION		0	0
Tender	Grayson	500	24:00	COLLISIONS		0	0
				MISCELLANEOUS		11	0
				TOTAL LOST TIME		11	0
				PERCENTAGE OF TOTAL TIME	46	%	
				TOTAL TIME IN PERIOD		24	0

#### **GENERAL COMMENTS**

The COE has agreed to pay 70% time from 11:00 hours on 4/1/19 until we start laying the sub-line on 4/2/19. Once we begin laying sub -line, we will be back on Mob or 0% until mud is flowing in the DA.

per Matthew Edwards Civil Engineer U.S. Army Corps of Engineers Irvington Site Office, OP-GW Office: 251-957-4370 Cell: 251-298-6874

#### SAFETY

Daily JSAs and work briefings conducted. Weather reports generated.

SSHO: Morning Reports generated, inspection of the vessel and all work activity. DTL was updated. All fire extinguishers were inspected and updated.

Outside Crew: continue the connection of pipe line from the crane 108 barge, and putting out the submerge line.

O/S crew and Sub-Contractors continue connecting pipe onshore.

Welder: continue to work on the pump line pipe now in its finial stage.

Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs. Engineers also assisted with the pump line pipe repairs.

CONTRACTOR CERTIFICATION	material used and work performed	behalf of the contractor, I certify that this Report is complete and correct and all equipment and terial used and work performed during this Reporting period are in compliance with the contract ns and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE								

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Page	3 of 143						
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.					
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								2		
CHARACTER O REPORT	F		NANCE			K	ENV	IRONMENT	۹L			<b>DATE</b> 04/02	/2019					
										SHIFTS PER D	AY		DAYS P	ER WE	EK			
DRED	GE	Pipeline Dredg		Н								2		500		7		
		PIPELINE	ZE DIPPER	OR	DREDGE	SUC	SEPOWER TION	CUTTER O	R	DREDGE	NO.		W MEMB	ERS	тот	21		
			BUCKET		PUMP	PIPE	JET	BUCKET		DIVEDGE	ONOR	-	OTTIER		101/			
		8000		0	4000		0		0	26		0		2		28		
			1		LOCAT	ION/CI	HANNEL C	F WORK										
		REACH DREDO	GED; STAT	ΓΙΟΝ Τ	O STATION	DISP	POSAL AREA USED QTY DEPOSITED						CUMMU					
LOCATIO		Stati	on 2662+5	i0 to 26	65+00		North	Pinto		GROSS (CY) 6,9	47		DEPOSI		947	YJ		
CHARACT		GRAVEL	SAND		CLAY	MUD		SILT		HARDPAN	STONE		SHELL	,				
MATERIA		0 %	60 %		0 %	30 %		10 %		0 %	0 %		0 %	0 %				
CHANNEL C	CONDITION	A	AVERAGE DEPTH BEF			BEF	ORE DREI	DGING		43.90	AFTE	R DRED	GING		4	7		
RIVER/				2:00 N	ЛАХ	1.60	TIN	1E 22	:00 GA	GE LOC/	ATION L	ISCG S	Sector	Mobile				
STAG	STAGE MIN 0 TIME 00:00			0:00 N	ЛАХ	0	тім	1E 00	:00 GA	GE DATI	JM N	1LLW						
		WEATHER				Т	EMP (min/	/max)	VIS	BILITY	1W	ND						
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			67 °F	/ 79 °F		5 MI		5 - 10 V	ariable M	PH				
		WORK PERFOR	RMED							DISTRIBL		F WOR	(					
ITEM	1	UNIT			QUANTITY					CTIVE WORKING				HF	२.	MIN.		
AVERAGE OF CU		FT				220	PUMPIN	G OR DRED				(K)			7	15		
TOTAL AD\ THIS PEF		FT		250				EFFECTIVE	TIM	E			30%	-				
TOTAL AD\ PREVIOU		FT		0			BOOSTE											
TOTAL AD\ TO DA	-	FT		250			HANDLIN	(CHA		EABLE COST OF	WORK	)			0	0		
SCOWS LC	DADED	NUMBER				0								0	20			
AVERAGE PER SC		CY				0	CLEARING PUMP AND PUMP LINES								0	0		
FLOATING PIPE	880	SHORE PIPE 7,0	00	SUBM 3.000	IERGED PIPE			FOR SCOW		SUCTION HEAL	J				0	0		
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г	-,		10,880	TO AND	FROM WHA	RF C	OR ANCHORAGE	:				0	0		
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	)F PLANT ON JO	В				0	0		
AMOUNT DRED	_								SIN	G NATURAL ELE	MENTS	;			0	0		
THIS DATE	GE		6,947			6,315	SHORE L	INE AND SH	IOR	E WORK					0	0		
AMOUNT PREV	IOUSLY		0			0	WAITING	FOR BOOS	TER	8					0	0		
TOTAL AMOUN DREDGED TO D			6,947			6,315	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0		
AMOUNT DRED			059.04			074.00	-	FOR ATTE	NDA	NT PLANT					0	0		
PUMPING/CUTT	TING HR		958.21			871.03	PREPAR			KING UP TOW					0	0		
		OPERATING SU	PLIES								KS				0	0		
СОММОЕ	ОТҮ	CONSUME	D		CREDITED					ID SATURDAYS					0	0		
ITEM	UNIT	QUANTITY	,		QUANTITY		SUNDAYS AND HOLIDAYS							0	0			
FUEL	BBL		889			0		OUT OF WA	AY O	F TRAFFIC					3	5		
ELECTRICITY	КW		0			0	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				10	40		
LUBRICANTS	GAL		10			0	TOTAL N	ION-EFFECT	IVE	TIME					14	5		
MOB DATE	-	DREDGE START	10	DEMC	DB DATE	0		NON-EFFEC					59%					
04/01/2019 04/01/2019									NON-EFFECTIVI I OF WORK)	ETIME				21	20			

	P/	PAGE NO. Page 4 of 14						
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	EPORT NO.	1 uge 4 61 146	
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	Ν	like Hooks, L.L.C			2	
DREDGE	DREDGE Pipeline Dredge Missouri H							
	ARGEABLE TO COS	T OF WORK)						
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN	
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0	
Tender	Ashley	250	24:00	CESSATION		0	0	
Tender	Grayson	500	24:00	COLLISIONS		0	0	
				MISCELLANEOUS		2	40	
				TOTAL LOST TIME		2	40	
				PERCENTAGE OF TOTAL TIME	11%			
				TOTAL TIME IN PERIOD		24	0	

# GENERAL COMMENTS

Per agreement.

MSC 70%: 10:40 prep to lay subline. MSC 0%: 02:40 laying subline.

#### SAFETY

Day Shift: Dredging commenced. Daily JSAs and work briefings conducted. Weather reports generated.

SSHO: Morning Reports generated, inspection of the vessel and all work activity. DTL was updated. The POB was updated. Worked with the outside crew placing light buoys on the area west end where the line cross to shore. All welding operations completed, inserts were welded in place. Scaffolding work platform was tagged out and to be inspected by a SSHO before being used and any area. A full audit of the vessel was completed correcting all found deficiencies.

Outside Crew: All pipe line connections were completed and anchors put in place to start dredging operations.

Welder: completed refitting and welding of the port side engine room insert that was cut to access the pump pipe line.

Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs. Engineers starting the engines and preparing for dredging operations.

Night Shift: dredging was stopped to clean the pump of debris, Photos were taken.

CONTRACTOR CERTIFICATION	material used and work p	erformed during th	s Report is complete and correct anis Report is complete and correct anis Reporting period are in complia knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE		SUPERINTENDENT'S INITIALS	DATE

		QUALITY CONTROL REPORT-BUCKET/PIPELINE										Page	5 of 143			
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								3
CHARACTER O REPORT	F		NANCE			ĸ	ENV	IRONMENT	4L			<b>DATE</b> 04/03	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		Н								2				7
		SI	ZE DIPPER	OR	DREDGE	HORS SUC	SEPOWER TION	CUTTER O	R	DREDGE	NO. SHORE		W MEMB	ERS	тот	A I
		FIFELINE	BUCKET		PUMP	PIPE	JET	BUCKET		DREDGE	SHUK	=	UTHER		1017	<b>∼∟</b>
		8000		0	4000		0		0	25		2		0		27
		<b>I</b>			LOCAT	ION/CI	HANNEL C	F WORK								
		REACH DREDO	GED; STA		O STATION	DISP	POSAL AREA LISED QTY DEPOSITED						CUMMU			
LOCATIC		265+0	0 to 266+	85 (we	st cut)		North	Pinto		GROSS (CY) 6,0	29		DEPOSI		DA (C ,976	Υ)
		GRAVEL	SAND		CLAY	MUD		SILT		HARDPAN	STONE	=	SHELL		отн	FR
CHARACT MATERIA		0 %	15 %		0 %	15 %		70 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPTI	Н	BEF	ORE DREI	DGING		43	AFTE	R DRED	GING		47	7
RIVER/	TIDE	MIN	MIN 0.60 TIME 07:00 1			7:00 N	ЛАХ	1.60	TIM	1E 23	:30 GA	GE LOC/	ATION N	Icduffy	Staff (	Gage
STAG	STAGE MIN 0 TIME 00:00			0:00 N	ЛАХ	0	тім	1E 00	:00 GA	GE DATI	JM N	ILLW				
		WEATHER		TEMP (min/max) VISIBILIT				BILITY	WIN	ND						
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			60 °F	/ 74 °F		4 MI		South @	) 5 to 10	MPH		
		WORK PERFOR	RMED							DISTRIBL		F WOR	K			
ITEM	1	UNIT			QUANTITY									HF	۲.	MIN.
AVERAGE OF CU		FT		220			PUMPIN	G OR DRED		ABLE TO COST ( G		(K)			7	40
TOTAL AD\ THIS PEF		FT		185				EFFECTIVE	TIM	E			32%			
TOTAL AD\ PREVIOU		FT		250										-		
TOTAL AD\ TO DA	-	FT				435	HANDLIN	IG PIPE LINI		EABLE COST OF	WORK	)			2	15
SCOWS LC	DADED	NUMBER				0	HANDLING ANCHOR LINES								0	10
AVERAGE PER SC		CY				0	CLEARIN	ig pump an	JMP AND PUMP LINES						3	20
FLOATING PIPE	-	SHORE PIPE 7,0	00		IERGED PIPE			FOR SCOW		SUCTION HEAD	)				1	20
TOTAL LENGTH	OF DISCHA	RGE PIPE F	г	3,000		11 280				OR ANCHORAGE					0	0
		-				,200				OF PLANT ON JO					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		6,029			5,481	SHORE L	LINE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		6,947			6,315	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			12,976			11,796	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		786.39			714.91		FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SU				-									0	0
										BETWEEN WOR	.KS				0	0
СОММОЕ	COMMODITY CONSUMED CREDITED												0	0		
ITEM	UNIT	QUANTITY	,		QUANTITY		SUNDAYS AND HOLIDAYS							0	0	
FUEL	BBL		2,360			0	MOVING	OUT OF WA	AY O	F TRAFFIC					0	45
ELECTRICITY	KW		0			0	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10			0	TOTAL NON-EFFECTIVE TIME							7	50	
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC					33%			
04/01/2019 04/01/2019									NON-EFFECTIVI	EIIME				15	30	

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CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile			3						
DREDGE	Pipeline Dredge Missouri H	[	DATE 04/03/2019							
	ATTENDANT PLANT			LOST TIME	(NOT C	(NOT CHARGEABLE TO COST OF WORK				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		8	3 30			
Tender	Ashley	250	24:00	CESSATION		(	0 0			
Tender	Grayson	500	24:00	COLLISIONS		(	0 0			
				MISCELLANEOUS		(	0 0			
				TOTAL LOST TIME		8	3 30			
				PERCENTAGE OF TOTAL TIME 35%						
				TOTAL TIME IN PERIOD 24						

### GENERAL COMMENTS

MOR 0%: 08:30 WORK ON MAIN PUMP. (The dredge is encountering large logs in the cut at -47' depth).

#### SAFETY

Day Shift: Daily JSAs and work briefings conducted. Weather reports generated. SSHO: Morning Reports generated, DTL was updated. The POB was updated. Observed the outside crew cleaning the pump and cutter, adding pontoons, passing ship traffic, and performing repairs to the main pump. Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs.

Night Shift: dredging was stopped to clean the pump of debris, Photos were taken. No injury or incident reported.

CONTRACTOR CERTIFICATION On behalf of the contractor. I certify that this Report is complete and correct and all equipment and												
plans and specifications, to the best of my knowledge, except as noted above.												
DATE	SUPERINTENDENT'S INITIALS	DATE										
	material used and work performed plans and specifications, to the be											

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Page	7 of 143				
CONTRACT NO		CONTRACT T	TLE				CONTRACTOR					REPOF	RT NO.			
W9127818D0103 V	N9127818F0624	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								4
CHARACTER O REPORT	F					<	ENV	IRONMENTA	٨L			<b>DATE</b> 04/04	l/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	E MISSOURI	н			SEPOWER				NO	2				7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	EKS	тот	
			BUCKET		PUMP	PIPE	JET	BUCKET								
		8000		0	4000		0							0		27
					LOCAT	ION/CI	HANNEL C	IANNEL OF WORK								
LOCATIO		REACH DREDO	ED; STAT	TION T	O STATION	DISP	OSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOS			
WOR		266+85 to 270			261+25 (west		North	Pinto		19,	001				,977	.,
CHARACT		GRAVEL	Cut SAND	,	CLAY	MUD		SILT		HARDPAN	STONE	•		отн	ER	
MATERIA		0 %	15 %		0 %	15 %		70 %		HARDPAN 0 %STONE 0 %SHELL 0 %					0 %	
CHANNEL C	ONDITION	A	VERAGE	DEPTI	Н	BEF	ORE DREI	DGING		43	AFTE	R DRED	GING		47	7
RIVER/				0:00 N	ЛАХ	1.70	TIN	/IE 15	:00 GA	GE LOC	ATION N	Icduffy	Staff C	∋age		
STAG	STAGE MIN 0 TIME 00:00 MAX			ЛАХ	0	TIN	/E 00	:00 GA	GE DAT	UM N	1LLW					
		WEATHER			TEMP (min/max) VISIBILITY WIND				ND							
WEATHER CO	ONDITION	Weather Cau	sed No De	lay						10 - 15	SE MPH					
		WORK PERFOR	RED							DISTRIBL		F WOR	۲			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING		K)		HF	R.	MIN.
AVERAGE OF CU		FT				(CHARGEABLE TO COST OF WORK) 220 PUMPING OR DREDGING				(K)			15	0		
TOTAL AD\ THIS PEF		FT								62%	_					
TOTAL AD PREVIOU		FT		435 BOOSTER (IN			NON		ECTIVE WORKI				-			
TOTAL AD TO DA		FT		965 <sub>H</sub>			HANDLIN	(CHA IG PIPE LINI		EABLE COST OF	WORK	.)			0	5
SCOWS LC	ADED	NUMBER				0	HANDLIN	ANDLING ANCHOR LINES							0	40
AVERAGE PER SC		CY				0	CLEARING PUMP AND PUMP LINES							0	40	
FLOATING PIPE		SHORE PIPE 7,0			IERGED PIPE				TER AND SUCTION HEAD						0	35
TOTAL LENGTH	,			3,000		11 280		FOR SCOW		OR ANCHORAGE					0	0
		-				11,200				OF PLANT ON JO					0	5
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	6			0	0
AMOUNT DRED THIS DATE	GE		19,001		1	17,273	SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		12,976			11,796	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN			31,977		2	29,069	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,266.73		1,′	151.53		FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SUE	PLIES							KING UP TOW	KS				1	10
							ID SATURDAYS					0	0			
COMINIOL	COMMODITY CONSUMED CREDITED				SUNDAY	S AND HOLI	DAY	ŕS					0	0		
ITEM	UNIT	QUANTITY	,		QUANTITY		SUNDAYS AND HOLIDAYS						0	0		
FUEL	BBL		1,068			0	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC						3	25		
ELECTRICITY	KW		0		_	0	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10			0	TOTAL N	ON-EFFECT	IVE	TIME					6	40
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC					28%			
	04/01/2019		4/01/2019	-						NON-EFFECTIV T OF WORK)	E TIME				21	40

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CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	R	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor			4					
DREDGE	Pipeline Dredge Missouri H		<b>ATE</b> 04/04/2019							
	ATTENDANT PLANT			LOST TIME	(NOT CH	NOT CHARGEABLE TO COST OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		2	20			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		2	20			
				PERCENTAGE OF TOTAL TIME	10%	, D				
				TOTAL TIME IN PERIOD	24					

### GENERAL COMMENTS

MOR 0%: 02:20 WORK ON MAIN PUMP / RE-PACK MAIN PUMP (The dredge is encountering large logs in the cut at -47' depth).

#### SAFETY

Day Shift: Daily JSAs and work briefings conducted. Weather reports generated. SSHO: Morning Reports generated, DTL was updated. The POB was updated. Observed the outside crew cleaning the pump and cutter, adding pontoons, passing ship traffic, and performing repairs to the main pump. Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs.

Night Shift: dredging was stopped to clean the pump of debris, Photos were taken. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE								

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Page	9 of 143					
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.				
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								5	
CHARACTER O REPORT	F					<	ENV	IRONMENTA	٩L			<b>DATE</b> 04/05	/2019				
										SHIFTS PER D	AY		DAYS P	PER WE	EK	_	
DRED	GE	Pipeline Dredg	ZE			ЦОР	SEPOWER				NO	2	W MEME			7	
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.	
			BUCKET		PUMP	PIPE	JET	BUCKET									
		8000		0	4000		0		0	25		2		0		27	
					LOCAT	ION/CI	HANNEL C	F WORK									
LOCATIO		REACH DREDO	GED; STAT		O STATION	DISP	OSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D				JLATIVE AND QTY IT FOR DA (CY)		
WOR		261+25 to 2	257+40 &	269+90	) to 270+10		N P	into		14,	520			,497			
CHARACT		GRAVEL	SAND		CLAY	MUD	1	SILT		HARDPAN	STONE		SHELL		OTHER		
MATERIA		0 %	15 %		0 %	15 %		70 %		0 %	0 %		0 %				
CHANNEL C	CONDITION	A	VERAGE	DEPTH	4	BEF	ORE DREI	DRE DREDGING 43 AFTER DREDGING							47		
RIVER/		MIN	1.10 TIME 19:00 M				1AX 2 TIME 02:00			:00 GA	GE LOC	ATION 1	Staff Ga Fermina	ge @ I	Mc Duffy		
STAC	έE	MIN	IN 0 TIME 00:00 M				ЛАХ	AX 0 TIME 00:00 GAGE DATUM						MLLW			
		WEATHER					EMP (min/	EMP (min/max) VISIBILITY WIND									
WEATHER C	UNDITION	Weather Cau		lay			76 °F .	/ 65 °F		4 MI			e @ 5 to <sup>-</sup>	10 MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(				
ITEM		UNIT			QUANTITY		-			CTIVE WORKING		2K)		HF	R.	MIN.	
AVERAGE OF CL		FT	FT 220				PUMPIN	G OR DRED				,			13	25	
TOTAL AD THIS PEF		FT					EFFECTIVE	TIM	E			56%	-				
TOTAL AD PREVIOU	-	FT			BOOSTER (IN LINE) 965 NON-EFFECTIVE WORKING TIM								-				
TOTAL AD TO DA		FT				1,370	HANDLIN	IG PIPE LINI		EABLE COST OF	WORK	)			0	15	
SCOWS LC	DADED	NUMBER				0	HANDLIN	IG ANCHOR	LIN	ES					0	30	
AVERAGE PER SC		CY				0	-			UMP LINES					1	0	
FLOATING PIPE		SHORE PIPE 7,0	00	SUBM 3.000	ERGED PIPE		-	FOR SCOW		SUCTION HEAD	)				0	45	
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г	0,000		11,600				OR ANCHORAGE					0	0	
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	15	
	-						LOSS DL	ΙΕ ΤΟ ΟΡΡΟ	SIN	G NATURAL ELE	MENTS	5			0	0	
AMOUNT DRED THIS DATE	GE		14,520			11,200	SHORE L	INE AND SH	IOR	E WORK					0	0	
AMOUNT PREV REPORTED	IOUSLY		31,977		:	29,069	WAITING	FOR BOOS	TER	R					0	0	
TOTAL AMOUN DREDGED TO D			46,497		2	40,269	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0	
AMOUNT DRED			1 092 24			834.78		FOR ATTE	NDA	NT PLANT					0	0	
PUMPING/CUTT	TING HR		1,082.24			034.70	PREPAR			KING UP TOW					2	5	
		OPERATING SU	ATING SUPPLIES							BETWEEN WOR	KS				0	0	
СОММОЕ	ОГТҮ	CONSUME	D		CREDITED										0	0	
ITEM	UNIT	QUANTITY	r		QUANTITY		SUNDAYS AND HOLIDAYS								0	0	
FUEL	BBL		2,904							F TRAFFIC					5	45	
ELECTRICITY	КW		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0		
LUBRICANTS	GAL		10			0	0 TOTAL NON-EFFECTIVE TIME							10	35		
MOB DATE	PCT. O					NON-EFFEC					44%						
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							24	0			

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	R	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		5				
DREDGE	Pipeline Dredge Missouri H			<b>ATE</b> 04/05/2019						
	ATTENDANT PLANT			LOST TIME	(NOT CH	IARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
				TOTAL TIME IN PERIOD	·	24	0			

### GENERAL COMMENTS

The Dredging procedure has not changed accept that we are now dredging -50.0' + the tide.

#### SAFETY

Day Shift: Daily JSAs and work briefings conducted. Weather reports generated. SSHO: Morning Reports generated, Observed the outside crew cleaning the pump and cutter, adding pontoons, passing ship traffic, and moving the dredge from station 257+40 to station 269+90.

Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs.

Night Shift: dredging was stopped to clean the cutter of cable, and moving the dredge during night operations. Also ensuring all equipment is properly illuminated during night operations. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performed d	that this Report is complete and correct a uring this Reporting period are in complia of my knowledge, except as noted above	ance with the contract				
QC REPRESENTATIVE'S SIGNATURE	DATE SUPERINTENDENT'S INITIALS DATE						

QUALITY CONTROL REPORT-BUCKET/PIPELINE										Page '	1 of 143					
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	RT NO.			
W9127818D0103 W	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								6
CHARACTER O REPORT	F				NEW WORK	ζ.	ENV	IRONMENT	٩L			<b>DATE</b> 04/06	6/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS F	PER WE	EK	_
DRED	GE	Pipeline Dredg	ZE			ЦОР	SEPOWER	1			NO	2				7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	JET	BUCKET								
		8000		0	4000		0		0	25		4		0		29
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		JLATIVE AND QTY IT FOR DA (CY)			
WOR			270+10 to	276+1	5		N P	into		16,	268			,765		
CHARACT		GRAVEL	SAND		CLAY	MUD	)	SILT		HARDPAN	STONE		SHELL			
MATERIA		0 %	15 %		0 %	15 %	þ	70 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	,	AVERAGE	DEPTI	Η	BEF	ORE DRE	DRE DREDGING 44 AFTER DREDGING							4	7
RIVER/		MIN	0.60	TIME	XAN	2	тім	TIME 05:00 GAGE LOCATION T						AcDuffy		
STAG	9E	MIN	N 0 TIME 00:00 N				MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	MLLW		
WEATHER CO		WEATHER	EATHER				TEMP (min/	/max)	VIS	BILITY	WI	ND		-		
WEATHER CO	ONDITION	•	eather Caused No Delay				67 °F .	67 °F / 76 °F 3 MI s @ 5 to 10 MPH								
		WORK PERFO	RMED							DISTRIBL		of work	(	1		
ITEM		UNIT			QUANTITY		4			CTIVE WORKING ABLE TO COST (		RK)		HF	२.	MIN.
AVERAGE OF CU		FT	FT 220				PUMPIN	G OR DRED				,			13	15
TOTAL AD\ THIS PEF		FT				·	EFFECTIVE	TIM	E			55%	-			
TOTAL AD\ PREVIOU	-	FT			BOOSTER (IN LINE) 1,370 NON-EFFECTIVE WORKING TIME							-				
TOTAL AD TO DA		FT				1,975	HANDLIN	(CHA IG PIPE LINI		EABLE COST OF	WORK	.)			0	50
SCOWS LC		NUMBER				0	HANDLING ANCHOR LINES								0	30
AVERAGE							-	IG PUMP AN	ID P	UMP LINES					0	40
PER SC	OW	CY		SUDM	IERGED PIPE	0		IG CUTTER	AND	SUCTION HEAD	C				0	10
FLOATING PIPE	1,840	SHORE PIPE 700	)	3,000			WAITING	FOR SCOV	/S						0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			5,540				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED				_	of plant on Jo					0	0
AMOUNT DRED	GE		16,268			14,789				G NATURAL ELE	MENTS	3			0	0
THIS DATE			,				SHORE	INE AND SH							0	0
REPORTED			46,497			+0,269		FOR BOOS		PAIRS (EXPLAIN		ARKSI			0	0
TOTAL AMOUN DREDGED TO D			62,765		5	55,058				,		AIIIO)			0	
AMOUNT DRED PUMPING/CUTT			1,227.77		1,1	116.15		FOR ATTE							0	0
		OPERATING SU	PPLIES				TRANSF	ERRING PLA	ANT	BETWEEN WOR	KS				0	0
соммог	DITY	CONSUME					LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
							SUNDAYS AND HOLIDAYS								0	0
ITEM	UNIT	QUANTITY			QUANTITY		FIRE DRILL								0	0
FUEL	BBL		3,083			0	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								7	20
ELECTRICITY	KW		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		54			0								9	30	
MOB DATE		DREDGE START		DEMC	B DATE		PCT. OF NON-EFFECTIVE 40% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME									
04/01/2019 04/01/2019					-			TOF WORK)					22	45		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil	N	like Hooks, L.L.C		6					
DREDGE	Pipeline Dredge Missouri H			E /06/2019						
	ATTENDANT PLANT			LOST TIME	RGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			1	15		
				TOTAL LOST TIME			1	15		
				PERCENTAGE OF TOTAL TIME	59	%				
				TOTAL TIME IN PERIOD			24	0		

#### GENERAL COMMENTS

Misc: 0% time (Replace leaking pontoon gaskets). The Dredging procedure has not changed accept that we are now dredging -50.0' + the tide.

#### SAFETY

Day Shift: Daily JSAs and work briefings conducted. Weather reports generated. SSHO: Morning Reports generated, Observed the outside crew cleaning the pump and cutter, adding pontoons, passing ship traffic, shift swing anchors, and replacing leaking pontoon gaskets.

Engine Room Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs(if needed).

Night Shift: Ensuring all equipment is properly illuminated during night operations, fueling up dredge tenders and checking engine oil (filling out inspection forms and keeping all hand rails on bottom deck of dredge closed. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performe	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.								
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE							

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	Page 1	3 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								7
CHARACTER O REPORT	F	X MAINTE	NANCE			(	ENV	IRONMENT	4L			<b>DATE</b> 04/07	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS F	PER WE	EK	
DRED	GE	Pipeline Dredg		iН								2				7
			ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO. SHORE				тот	
		PIPELINE	BUCKET		PUMP	PIPE	JET	BUCKET		DREDGE	SHURI	=	OTHER		101/	AL.
		8000		0	4000		0		0	25		4		0		29
		<b>I</b>			LOCAT	ION/C	HANNEL C	F WORK		I						
		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	ED		JLATIVE			
LOCATIC			276+15 to	283+1	n		NP	into		GROSS (CY)	688		IT FOR		Y)	
		GRAVEL	SAND	20011	CLAY	MUC		SILT		HARDPAN	STONE	-	SHELL	81,453		
CHARACT MATERIA		0 %	15 %		0 %	15 %		70 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	4	VERAGE	DEPT	H	BEF	ORE DRE	DGING		44	AFTE	R DRED	GING		4	7
RIVER/	TIDE	MIN	1	TIME	0	0:00	MAX 2.30 TIME 13:00				:00 GA	GE LOC		Staff gag Fermina		/IcDuffy
STAG		MIN	0	ТІМЕ	0	0:00	MAX	AX 0 TIME 00:00 GAG					JM N	MLLW		
		WEATHER	-				TEMP (min									
WEATHER CO	ONDITION	Weather Cau	sed No De	elay			•	, / 76 °F								
		WORK PERFO	RMED							DISTRIBL		F WOR	K			
ITEM	1	UNIT			QUANTITY									HF	۶.	MIN.
AVERAGE OF CU		FT	FT 220				PUMPIN	G OR DRED		ABLE TO COST ( G	JF WOR	(K)			13	15
TOTAL AD\ THIS PEF		FT		695			PCT OF	EFFECTIVE	TIM	E			55%			
TOTAL AD\ PREVIOU		FT				1,975								-		
TOTAL AD\ TO DA		FT				2,670	(CHARGEABLE COST OF WORK) HANDLING PIPE LINES								2	35
SCOWS LC	DADED	NUMBER				0	HANDLING ANCHOR LINES								0	20
AVERAGE PER SC		CY				0	)			-					0	0
FLOATING PIPE	2,760	SHORE PIPE 7,0	00	SUBM 3.000	IERGED PIPE			FOR SCOW		SUCTION HEAD					0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	 Г	0,000		12,760	-			OR ANCHORAGE					0	0
CUBIC YARDS I	PEMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	в				0	0
		66033			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		18,688		-	16,989	SHORE I	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		62,765		Ę	55,058	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			81,453		7	72,047	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,410.42		1.2	282.19		FOR ATTE							0	0
PUMPING/CUTT	ING HR				,					KING UP TOW					0	0
			OPERATING SUPPLIES							ID SATURDAYS	ing.				0	0
СОММОЕ		CONSUME	CONSUMED CREDITED												0	0
ITEM	UNIT	QUANTITY	(		QUANTITY		SUNDAYS AND HOLIDAYS								0	0
FUEL	BBL		3,908			0	0 MOVING OUT OF WAY OF TRAFFIC								7	50
ELECTRICITY	KW		0			0 MISCELLANEOUS (EXPLA				EXPLAIN IN REMARKS)					0	0
LUBRICANTS	GAL		10			TOTAL NON-EFFECTIVE TIME							10	45		
MOB DATE	-	DREDGE START		DEMC	DB DATE		PCT. OF NON-EFFECTIVE 45%					45%				
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								24	0	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REP	ORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mob	ile Harbor	like Hooks, L.L.C				7			
DREDGE			<b>DATI</b> 04/	<b>E</b> /07/2019						
	ATTENDANT PLANT			LOST TIME	T OF WORK)					
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	0		
				TOTAL LOST TIME			0	0		
				PERCENTAGE OF TOTAL TIME	0	%				
				TOTAL TIME IN PERIOD	·		24	0		

#### **GENERAL COMMENTS**

Misc: 0% time (None).

The Dredging procedure has not changed accept that we are now dredging -51.0' + the tide.

#### SAFETY

Daily JSAs and work briefings conducted.

Weather reports generated.

SSHO: (Crew Change Day) USACE Safety Inspection of Dredge, Cranes, Barges, Boats. Continued correcting deficiencies from Safety Inspection.

Outside Crew: Shifted Anchors, Cleaned Pump/Cutter, Cleaned boats/Barges. Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs.

Night Shift: Continue pump repairs, Refuel Tenders, Light-Plants.

CONTRACTOR CERTIFICATION	material used and work performed d	that this Report is complete and correct a uring this Reporting period are in complia of my knowledge, except as noted above	ince with the contract					
QC REPRESENTATIVE'S SIGNATURE	DATE SUPERINTENDENT'S INITIALS DATE							

		QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	Page 1	5 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	oks, L.L.C								8
CHARACTER O REPORT	F	X MAINTE	NANCE		NEW WORK	<	ENV	IRONMENT	۹L			<b>DATE</b> 04/08	8/2019			
										SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER	1			NO	2	W MEMB			7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	EKS	тот	AL.
			BUCKET		PUMP	PIPE	JET	BUCKET					-		-	
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL C	OF WORK								
LOCATIO		REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		LATIVE T FOR			
WOR		283+10 to 29	0+90 (wes	t side :	south bound)		North	Pinto		13,	982			,435	.,	
CHARACT		GRAVEL	SAND		CLAY	MUD	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	15 %		0 %	15 %	0	70 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	ļ	VERAGE	DEPTI	Н	BEF	ORE DRE	DGING		45	AFTE	R DRED	GING		47	7
RIVER/		MIN	MIN 1 TIME 23:00 M				MAX 2.60 TIME 11:00 0				:00 GA	GE LOC		taff Ga ermina		Duffy
STAC	έE	MIN	MIN 0 TIME 00:00 N				MAX	AX 0 TIME 00:00 GAGE DATUM						1LLW		
		WEATHER					TEMP (min/									
WEATHER C	UNDITION		Weather Caused No Delay				63 °F ,	/ 73 °F		4 MI		~	to 15 MP	Н		
		WORK PERFO	RMED							DISTRIBL		of Work	(			
ITEM		UNIT	UNIT QUANTITY					EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK)								MIN.
AVERAGE OF CL		FT					PUMPIN	G OR DRED				,			15	40
TOTAL AD THIS PEF		FT	780					EFFECTIVE	TIM	E			65%			
TOTAL AD PREVIOU		FT				2,670				ECTIVE WORKI						
TOTAL AD TO DA		FT				3,450	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	.)			0	50
SCOWS LC		NUMBER				0	HANDLING ANCHOR LINES								0	45
AVERAGE	LOAD	CY				0	CLEARING PUMP AND PUMP LINES								2	45
PER SC	-	-		SUBM	IERGED PIPE	0		IG CUTTER	AND	SUCTION HEAD	)				0	15
FLOATING PIPE	3,420	SHORE PIPE 7,0	00	3,000				FOR SCOV							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F				13,420				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					G NATURAL ELE		<u></u>			0	0
AMOUNT DRED	GE		13,982			12,711					IVIENTS	>			-	-
THIS DATE AMOUNT PREV	IOUSLY		81,453				SHORE	FOR BOOS							0	0
REPORTED	т									YAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			95,435			84,758		FOR ATTE	NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT	-		892.47		1	811.34				KING UP TOW					0	20
		OPERATING SUI	PPLIES			TRANSFERRING PL				BETWEEN WOR	KS				0	0
Соммог	אדוכ	CONSUME	ED CREDITED				LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
ITEM	UNIT	ΟΠΑΝΤΙΤΥ	QUANTITY QUANTITY					SUNDAYS AND HOLIDAYS							0	0
						FIRE DRILL									0	10
FUEL	BBL		3,131			0	0 MOVING OUT OF WAY OF TRAFFIC							3	15	
ELECTRICITY	KW		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS) TOTAL NON-EFFECTIVE TIME							0	0	
LUBRICANTS	GAL		54			0									8	20
MOB DATE		DREDGE START DEMOB DATE				PCT. OF NON-EFFECTIVE 35% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					35%					
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							24	0		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REP	ORT NO.	-		
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil	like Hooks, L.L.C				8				
DREDGE	Pipeline Dredge Missouri H			<b>DATI</b> 04/	E /08/2019					
	ATTENDANT PLANT			LOST TIME	(NOT (	CHAR	RGEABLE TO COS	T OF WORK)		
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	0		
				TOTAL LOST TIME			0	0		
				PERCENTAGE OF TOTAL TIME	0'	%				
				TOTAL TIME IN PERIOD	ŀ		24	0		

#### GENERAL COMMENTS

Misc: 70 0% time ( held the monthly drills).

The Dredging procedure has not changed accept that we are now dredging -51.0' + the tide.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated.

SSHO: Continued correcting deficiencies from Safety Inspection. Observed the Outside Crew: Shifted Anchors, Cleaned Pump/Cutter, Cleaned boats/Barges, and passing mostly ship traffic.

Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs if needed.

Night Shift: Refuel Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations.

CONTRACTOR CERTIFICATION	material used and work performed	fy that this Report is complete and correct a I during this Reporting period are in compli sst of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 1	7 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								9
CHARACTER O REPORT	F	X MAINTE	-		NEW WOR	K	ENV	IRONMENTA	٩L			<b>DATE</b> 04/09	/2019			
		NAME AND T								SHIFTS PER D	۹Y		DAYS PE	RWE	EK	
DRED	GE	Pipeline Dredg	e Missouri ZE	н			SEPOWER				NO	2		-00		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	- 10	TOT	
			BUCKET		PUMP	PIPE	E JET	BUCKET					-		-	
		8000		0	4000	)	0		0	29		0		0		29
					LOCA	TION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMUL			
WOR			No Dred	lging			North	Pinto		(	)		DEI COI		435	.,
CHARACT		GRAVEL	SAND		CLAY	MU	2	SILT		HARDPAN	STONE		SHELL	OTHER		
MATERIA		0 %	0 %		0 %	0 %		0 %		0 %	0 %		0 %		100 %	6
CHANNEL C	CONDITION		AVERAGE DEPTH BEFORE DREDGING 0						0	AFTE	R DRED	GING		0		
RIVER/	TIDE	MIN	MIN 0 TIME 00:00 MAX 0						тім	1E 00	:00 GA	GE LOC	ATION			
STAC	GE	MIN	MIN 0 TIME 00:00 MAX						тім	1E 00	:00 GA	GE DATI	JM			
		WEATHER TEMP (min/max) VISIBILITY						SIBILITY	WI	ND						
WEATHER C	ONDITION	Weather Cau	Veather Caused No Delay 61 °F / 73 °F 4 MI Varia						Variable	e @ 5 MPH	1					
		WORK PERFO	RMED							DISTRIBL		FWOR	<b>(</b>			
ITEM	1	UNIT			QUANTITY									HF	R.	MIN.
AVERAGE OF CL		FT	(CHARGEABLE TO COST OF WORK) 0 PUMPING OR DREDGING									0	0			
TOTAL AD THIS PEF		FT				(	PCT OF I	EFFECTIVE	TIM	E			0%			
TOTAL AD PREVIOU		FT				3,450				ECTIVE WORKI						
TOTAL AD TO DA	-	FT				3,450	HANDLIN	(CHA IG PIPE LINI		EABLE COST OF	WORK	)			7	0
SCOWS LC	DADED	NUMBER				(		IG ANCHOR	LIN	ES					0	0
AVERAGE PER SC		CY				(	)	IG PUMP AN							0	0
FLOATING PIPE		SHORE PIPE 0		SUBM	IERGED PIPE	0		FOR SCOW		SUCTION HEAD	)				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			(				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				1	25
					GREBHEB		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		0			(	) SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		95,435			84,758		FOR BOOS	TER	R					0	0
TOTAL AMOUN DREDGED TO D			95,435			84,758		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		NA			NA	\								0	0
PUMPING/CUTT	ING HR	OPERATING SU	PPLIES							KING UP TOW	KS				2	0
соммог	עדור													0	0	
COMINIOL		CONSUMED CREDITED					SUNDAY	S AND HOLI	IDAY	/S					0	0
ITEM	UNIT	QUANTITY	(		QUANTITY		FIRE DR	ILL							0	0
FUEL	BBL		1,541			(	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								0	0
ELECTRICITY	KW		0			(	0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0
LUBRICANTS	GAL		0			(	TOTAL NON-EFFECTIVE TIME						_		10	25
MOB DATE		DREDGE START	-	DEMC	B DATE			NON-EFFEC					43%			
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							10	25			

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		c	ONTRACTOR		REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C	9						
DREDGE	Pipeline Dredge Missouri H				DATE 04/09/2019						
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		13	35				
				TOTAL LOST TIME		13	35				
				PERCENTAGE OF TOTAL TIME	57	%					
				TOTAL TIME IN PERIOD	•	24	0				

### GENERAL COMMENTS

Misc: 0% time ( Dredge standing by). Waiting on relocating shore line.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated. SSHO: Continued correcting deficiencies from Safety Inspection. Observed the Outside Crew: moving the dredge to a new location. Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations.

CONTRACTOR CERTIFICATION	material used a	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE							

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 1	9 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								10
CHARACTER O REPORT	F	X MAINTE	NANCE			(	ENV	IRONMENT	۹L			<b>DATE</b> 04/10	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE	Pipeline Dredg	ZE	н		ЦОР	SEPOWER	1			NO	2	W MEMB	EDQ		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	JET	BUCKET								
		8000		0	4000		0		0	27		2		0		29
					LOCAT	ION/CI	HANNEL C	F WORK								
LOCATIO	ON OF	REACH DREDO	GED; STAT		O STATION	DISF	OSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOSI			
WOR	ĸ	232+	00 to 232+	50 Eas	st Cut		North	Pinto		5,3	33		100,768			
CHARACT		GRAVEL 0 %	SAND 10 %		CLAY 0 %	MUD 10 %		SILT 80 %		HARDPAN 0 %	STONE 0 %	E	SHELL OTHER			ER
CHANNEL C			VERAGE				ORE DREI			40		RDRED			,	
		MIN				3:50 N							Electronic Cogo			
RIVER/ STAG			MIN 0 TIME 00:00 N										(8	Irlingtor	ר)	
		MIN	0	TIME	0			-	TIM			GE DATI	JM N	LLW		
WEATHER CO	ONDITION	WEATHER Weather Cau	sed No De	lav			EMP (min/ 63 °F		VIS	BILITY 4 MI	WI		e @ 5 MPI	4		
		WORK PERFOI		lay						DISTRIBL			~			
ITEM	1	UNIT			QUANTITY			EF	FEC	CTIVE WORKING	TIME			HF	2	MIN.
AVERAGE OF CU		FT	FT 370					(CHAR		ABLE TO COST ( G	of wor	RK)			4	25
TOTAL ADV THIS PEF		FT	FT 50				PCT OF I	EFFECTIVE	TIM	E			18%			
TOTAL AD PREVIOU	-	FT				3,450	BOOSTE	R (IN LINE)	-EFF		NG TIM	E				
TOTAL ADV TO DA	/ANCE	FT				3,500	HANDLIN		RG	EABLE COST OF					0	0
SCOWS LC		NUMBER				0	HANDLING ANCHOR LINES								0	0
AVERAGE	LOAD						CLEARING PUMP AND PUMP LINES								0	40
PER SC	-	CY				0	CLEARIN	IG CUTTER	AND	SUCTION HEAD	C				0	0
FLOATING PIPE	1,080	SHORE PIPE 5,5	00	SUBM	ERGED PIPE	0	WAITING	FOR SCOV	/S						0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			6,580				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					OF PLANT ON JO					0	0
AMOUNT DRED	GE		5,333			4,667				G NATURAL ELE	MENTS	5			0	0
THIS DATE			-				-	INE AND SH							0	0
REPORTED			95,435			34,758				PAIRS (EXPLAIN					0	0
TOTAL AMOUN DREDGED TO D			100,768		٤	39,425				,		ARKS)			0	0
AMOUNT DRED PUMPING/CUTT			1,207.47		1,0	056.68		FOR ATTE							0	0
		OPERATING SUI	PPLIES				TRANSF	ERRING PLA	ANT	BETWEEN WOR	KS				0	0
СОММОЕ	DITY	CONSUMED CREDITED					LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
							SUNDAYS AND HOLIDAYS								0	0
ITEM	UNIT QUANTITY QUANTITY						FIRE DRILL								0	0
FUEL	BBL		1,424 0 MOVING OUT OF V					OUT OF WAY OF TRAFFIC							1	35
ELECTRICITY	кw		0			0	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		54			0	TOTAL N	ON-EFFECT	IVE	TIME					2	15
MOB DATE DREDGE START DEMOB DATE PCT.					NON-EFFEC					9%						
04/01/2019 04/01/2019								NON-EFFECTIVI FOF WORK)	E TIME				6	40		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil	e Harbor	N	like Hooks, L.L.C	10					
DREDGE	Pipeline Dredge Missouri H									
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		17	20			
				TOTAL LOST TIME		17	20			
				PERCENTAGE OF TOTAL TIME	72	%				
				TOTAL TIME IN PERIOD		24	0			

### GENERAL COMMENTS

Misc: 0% time (17:20) ( Dredge standing by). Waiting on relocating shore line.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated. SSHO: Continued correcting deficiencies from Safety Inspection. Observed the Outside Crew: completing relocating the shore line, cleaning the pump & cutter, and move the dredge to pass ship traffic.

Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performed	y that this Report is complete and correct a during this Reporting period are in complia st of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 2	21 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								11
CHARACTER O REPORT	F					K	ENV	IRONMENT	٩L			<b>DATE</b> 04/11	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE	Pipeline Dredg	ZE	н		ЦОР	SEPOWER	1			NO	2	W MEME	EDS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	JET	BUCKET								
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL O	F WORK								
LOCATIO	ON OF	REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU			
WOR		232+	50 to 235+	50 Eas	st Cut		North	Pinto			000			,768		
CHARACT	ER OF	GRAVEL	SAND		CLAY	MUD		SILT		HARDPAN	STONE		SHELL 0 %			
MATERIA	. ,	0 %	10 %		0 %	15 %		75 %		0 %	0 %			0 %		
CHANNEL C	CONDITION		AVERAGE			<u> </u>	ORE DREI			42		R DRED		lectroni	47	e Coast
RIVER/		MIN	MIN 0.40 TIME 02:00 N					1AX 2.90 TIME 16:00						Guard S		00031
STAG	9E	MIN 0 TIME 00:00 N					MAX	0 TIME 00:00 GAGE DATUM						/LLW		
WEATHER CO		WEATHER		1		1	FEMP (min/	/max)	VIS	BILITY	WI	ND				
WEATHER O	ONDITION	Weather Cau		elay			65 °F /	/ 75 °F		4 MI			1) 5 to 10	MPH		
	. [	WORK PERFO	RMED							DISTRIBU		F WOR	(	r –		
AVERAGE		UNIT								CTIVE WORKING ABLE TO COST (		RK)		HF	۶.	MIN.
OF CU	JT	FT	FT 360					G OR DRED	GINC	G					15	55
TOTAL AD\ THIS PEF		FT	FT 300					EFFECTIVE	TIM	E			66%			
TOTAL AD\ PREVIOU	-	FT				3,500				ECTIVE WORKI				_		
TOTAL AD TO DA		FT				3,800	HANDLIN	(CHA IG PIPE LINI		EABLE COST OF	WORK	)			0	40
SCOWS LC	DADED	NUMBER				0	HANDLIN	HANDLING ANCHOR LINES							0	10
AVERAGE		CY				0	-	IG PUMP AN	ID P	UMP LINES					1	30
PER SC	-	SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0				SUCTION HEAD	0				0	45
	,							FOR SCOV							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Γ			6,740				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					G NATURAL ELE					0	0
AMOUNT DRED THIS DATE	GE		22,000			20,000						•			0	0
AMOUNT PREV	IOUSLY		100,768			39,425		FOR BOOS							0	0
REPORTED	т		122,768			09,425	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
			122,700			55,425		FOR ATTE	NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT			1,382.20		1,2	256.54	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SU	PPLIES				TRANSFI	ERRING PLA	٩NT	BETWEEN WOR	KS				0	0
соммог	ΟΙΤΥ	CONSUMED CREDITED					LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
ІТЕМ	UNIT	QUANTITY QUANTITY					SUNDAY	S AND HOL	IDAY	/S					0	0
							FIRE DRILL								0	0
FUEL	BBL		3,854								0)				4	30
ELECTRICITY	KW		0			0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0		
LUBRICANTS	GAL		10			0									7	35
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC					32%			
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							23	30			

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT N	ю.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mob	N	like Hooks, L.L.C		11					
DREDGE	Pipeline Dredge Missouri H				19					
	ATTENDANT PLANT		LOST TIME	(NOT (	CHARGEAB	BLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	30		
				TOTAL LOST TIME			0	30		
				PERCENTAGE OF TOTAL TIME	29	%				
				TOTAL TIME IN PERIOD			24	0		

#### GENERAL COMMENTS

Misc: 0% time (0:30) ( Replace pontoon gasket) The dredge is now dredging to a depth of -50 + the tide. Trying to leave -47' of water at 0.0 tide.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated.

SSHO: Continued correcting deficiencies from Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the dredge to pass ship traffic, shift anchors, and adding pontoons.

Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor I certify	that this Report is complete and correct	and all equipment and							
	material used and work performed d	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract								
	plans and specifications, to the best	of my knowledge, except as noted above	Э.							
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE							

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 2	23 of 143			
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.		-	
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								12
CHARACTER O REPORT	F		NANCE			K	ENV	IRONMENT	٩L			<b>DATE</b> 04/12	2/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		Н			05001/50					2		500		7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEME	ERS	тот	Δ1
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDUE	ONOR	-	OTTIER		1017	1L
		8000		0	4000		0		0	25		4		0		29
			1		LOCAT	ION/C	HANNEL C	F WORK							•	
		REACH DREDO	GED; STA	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	D		JLATIVE AND QTY			
LOCATIO		235+5	0 to 240+	15 (Eas	st Cut)		North	Pinto		GROSS (CY) 23.	739		DEPUS	IT FOR DA (CY) 146,507		
CHARACT		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %		75 %		0 %	0 %			0 %		
CHANNEL C	CONDITION	ŀ	VERAGE	DEPTI	н	BEF	ORE DREI	DGING		43.40	AFTE	R DRED	GING		47	7
RIVER/	TIDE	MIN	0.80	TIME	0	4:00	IAX 2.30 TIME 17:00 GAGE LC						E LOCATION Electronic Gage			
STAG	θE	MIN 0 TIME 00:00 N					MAX	IAX 0 TIME 00:00 GAGE DATUM I								
	WEATHER TEI				TEMP (min/	/max)	VIS	BILITY	1W	ND						
WEATHER CO	ONDITION	Weather Cau	Weather Caused No Delay 66 °F / 76							4 MI		South @	0 5 MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM	1	UNIT			QUANTITY									HF	۲.	MIN.
AVERAGE OF CU		FT	FT 360 PUMPIN					G OR DRED		ABLE TO COST ( G		(K)			19	15
TOTAL AD\ THIS PEF		FT	465 PCT OF EFFECTIVE TIME						E			80%	-			
TOTAL AD\ PREVIOU		FT				3,800										
TOTAL AD\ TO DA	-	FT				4,265		IG PIPE LINI		EABLE COST OF	WORK	)			1	5
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	IES					0	45
AVERAGE PER SC		CY				C	)			-					1	5
FLOATING PIPE	1,720	SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0		FOR SCOW		SUCTION HEAD					0	25
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			7,220	) TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	ON C	OF PLANT ON JO	В				0	0
							LOSS DU	JE TO OPPO	SIN	G NATURAL ELE	MENTS	5			0	0
AMOUNT DRED THIS DATE	GE		23,739		2	21,581	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		122,768		10	09,425	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			146,507			31,006		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			1,233.19		1 ·	121.09		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR				۰,	121.00	PREPAR								0	0
		OPERATING SUPPLIES					_			BETWEEN WOR	.K5				0	0
СОММОЕ		CONSUMED CREDITED						S AND HOLI							0	0
ITEM	UNIT	QUANTITY	,	QUANTITY FIRE DRILL											0	0
FUEL	BBL		1,954 0 MOVING OUT OF V					OUT OF WAY OF TRAFFIC							0	20
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0
LUBRICANTS	GAL		54			C		ION-EFFECT	IVE	TIME					3	40
MOB DATE DREDGE START DEMOB DATE PCT. 0					NON-EFFEC					15%						
04/01/2019 04/01/2019								NON-EFFECTIV T OF WORK)	EIIME				22	55		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	CONTRACTOR		REPO	ORT NO.	Page 24 of 143		
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	N	like Hooks, L.L.C		12					
DREDGE	Pipeline Dredge Missouri H			<b>DATE</b> 04/	E 12/2019					
	ATTENDANT PLANT		LOST TIME	(NOT C	CHAR	GEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			1	5		
				TOTAL LOST TIME			1	5		
				PERCENTAGE OF TOTAL TIME	5%	%				
				TOTAL TIME IN PERIOD			24	0		

#### **GENERAL COMMENTS**

Misc: 0% time (1:05) (Replace pontoon gasket and repack the main pump) The dredge is now dredging to a depth of -50 + the tide. Now leaving -47' of water at 0.0 tide.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated. SSHO: Continued correcting deficiencies from COE Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the dredge to pass ship traffic, shift anchors, and adding pontoons, replace leaking pontoon gasket, and repack the main pump. Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work perform	certify that this Report is complete and correct med during this Reporting period are in compl e best of my knowledge, except as noted abov	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 2	25 of 143			
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.		-	
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								13
CHARACTER O REPORT	F		NANCE		NEW WORK	ĸ	ENV	IRONMENT	٩L			<b>DATE</b> 04/13	/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		I H			05001/50				NO	2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEMB	ERS	тот	
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDUE	ONOR	-	OTTIER		1017	1
		8000		0	4000		0		0	25		4		0		29
			1		LOCAT	ION/C	HANNEL C									
		REACH DREDO	GED; STAT	TION T	O STATION	DIS	POSAL AREA USED QTY DEPOSITED						CUMMU			
LOCATIC			240+15 to	243+9	0		North	Pinto		GROSS (CY)	793		DEPOSI		DA (C 5,300	Y)
		GRAVEL	SAND	240.0	CLAY	MUE		SILT		HARDPAN STONE S				100	отн	FR
CHARACT MATERIA		0 %	10 %		0 %	15 %		75 %	0% 0%						0 %	
CHANNEL C	CONDITION	ļ	AVERAGE DEPTH BEF				FORE DREI	DGING		43.60	AFTE	R DRED	GING		47	,
RIVER/	TIDE	MIN	MIN 0.80 TIME 04:00 N			MAX	3.40	TIN	/IE 22	:00 GA	GE LOC/	ATION E	lectroni	ic Gag	e	
STAG	θE	MIN 0 TIME 00:00 N				MAX	0 TIME 00:00 GAGE DATUM						1LLW			
		WEATHER 1				TEMP (min/	AX 0 TIME 00:00 GAGE DATUM N EMP (min/max) VISIBILITY WIND									
WEATHER CO	ONDITION	Weather Caused No Delay					/ 77 °F	,								
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM	1	UNIT			QUANTITY									HF	۶.	MIN.
AVERAGE OF CU		FT	FT 360					(CHAR G OR DRED		ABLE TO COST ( G	DF WOR	<b>(Κ)</b>			20	15
TOTAL AD\ THIS PEF		FT	375			5 PCT OF I	EFFECTIVE	TIM	E			84%				
TOTAL AD\ PREVIOU		FT		4,265												
TOTAL AD TO DA		FT				4,640	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	25
SCOWS LC	DADED	NUMBER				(									0	40
AVERAGE PER SC		CY				(									1	35
FLOATING PIPE	2,040	SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0		FOR SCOW		D SUCTION HEAD	J				0	35
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			7,540	) TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
							LOSS DL		SIN	IG NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		18,793			17,085	5 SHORE L	INE AND SH	IOR	RE WORK					0	0
AMOUNT PREV	IOUSLY		146,507		1:	31,006	WAITING	FOR BOOS	TER	२					0	0
TOTAL AMOUN DREDGED TO D			165,300		14	48,091		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			928.05			843.70		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR						PREPAR								0	0
		OPERATING SUPPLIES							BETWEEN WOR	110				0	0	
СОММОЕ		CONSUME	DNSUMED CREDITED					S AND HOLI							0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		FIRE DR								0	0
FUEL	BBL		5,006			(	MOVING	OUT OF WA	Y O	OF TRAFFIC					0	30
ELECTRICITY	КW		0			0 MISCELLANEOU				ANEOUS (EXPLAIN IN REMARKS)					0	0
LUBRICANTS	GAL		10			(	TOTAL NON-EFFECTIVE TIME							3	45	
MOB DATE	-	DREDGE START	-	DEMC	DB DATE			NON-EFFEC					16%			
	04/01/2019 04/01/2019						TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							24	0	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C			13				
DREDGE	Pipeline Dredge Missouri H				I	DATE 04/13/2019					
	ATTENDANT PLANT			LOST TIME (NOT CHARGEABLE TO COST OF							
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		C	0				
Tender	Ashley	250	24:00	CESSATION		C	0				
Tender	Grayson	500	24:00	COLLISIONS		C	0				
				MISCELLANEOUS		C	0				
				TOTAL LOST TIME		C	0				
			PERCENTAGE OF TOTAL TIME	0%	6						
			TOTAL TIME IN PERIOD	•	24	0					

#### **GENERAL COMMENTS**

The dredge is now dredging to a depth of -50 + the tide. Now leaving -47' of water at 0.0 tide in high frequency and deeper in low frequency).

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated. SSHO: Continued correcting deficiencies from COE Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the Swing Anchor to pass ship traffic, shift anchors, and adding pontoons.

Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify tha material used and work performed durin plans and specifications, to the best of	g this Reporting period are in complia	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 2	27 of 143			
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								14
CHARACTER O REPORT	F		NANCE			ĸ	ENV	IRONMENT	۹L			<b>DATE</b> 04/14	/2019			
										SHIFTS PER D	۹Y		DAYS P	PER WE	EK	
DRED	GE	Pipeline Dredg		Н								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEME		тот	21
			BUCKET		PUMP	PIPI	E JET	BUCKET		DIVEDGE	onora	-	OTTER		1017	
		8000		0	4000		0		0	25		4		0		29
			1		LOCAT	ION/C	HANNEL OF WORK									
		REACH DREDO	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL AREA USED QTY DEPOSITED GROSS (CY)				D		CUMML			
LOCATIO		243+90 to 2	245+40. &	233+0	0 to 230+35		North	Pinto		GRUSS (CY) 14,	546		DEPOS		DA IC 9,846	Y)
CHARACT		GRAVEL	SAND		CLAY	MU		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %	6	75 % 0 % 0 %							0 %	
CHANNEL C	CONDITION	ļ į	AVERAGE DEPTH BEF				FORE DREI	DGING		44.90	AFTE	R DRED	GING		47	7
RIVER/		MIN	MIN 1.10 TIME 23:00 M				MAX	3.10	TIM	/IE 00	:00 GA	GE LOC	ATION E	Electron	ic Gag	e
STAG	GE	MIN	MIN 0 TIME 00:00 M				MAX	0	тім	/E 00	:00 GA	GE DATI	JM N	MLLW		
		WEATHER				TEMP (min/	/max)	VIS	BILITY	IW	ND					
WEATHER CO	ONDITION	Weather Cau	sed Non-C	ritical [	Delay		50 °F .	/ 72 °F		10 MI		15 sout	h MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM		UNIT			QUANTITY					CTIVE WORKING ABLE TO COST (		PK)		HF	२.	MIN.
AVERAGE OF CU		FT	Т 360					G OR DRED							13	30
TOTAL AD\ THIS PEF		FT	T 415			5 PCT OF I	EFFECTIVE	TIM	E			56%	_			
TOTAL AD		FT		4,640				R (IN LINE)	-EFF	ECTIVE WORKI	NG TIMI	E		-		
TOTAL ADV TO DA		FT			5,055			(CHA IG PIPE LINI		EABLE COST OF	WORK	)			0	40
SCOWS LC		NUMBER				(		IDLING ANCHOR LINES							0	25
AVERAGE	LOAD						CLEARING PUMP AND PUMP LINES								2	35
PER SC	OW	CY				(		IG CUTTER	AND	O SUCTION HEAD	)				0	20
FLOATING PIPE	1,400	SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0	WAITING	FOR SCOW	/S						0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			6,900	0 TO AND FROM WHARF OR ANCHORAGE								0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					OF PLANT ON JO					0	25
AMOUNT DRED	GE		14,546			13,224	1				IVIENIS	•			1	10
THIS DATE AMOUNT PREV	IOUSLY		165,300		1	48.09		FOR BOOS							0	0
REPORTED	т		179,846			61,315				PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D	DATE		179,040		1	01,310			NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT	-		1,077.48			979.56	PREPAR	ATION AND	MAł	KING UP TOW					2	15
		OPERATING SUP	PPLIES				TRANSF	ERRING PLA	٩NT	BETWEEN WOR	KS				0	0
СОММОЕ	ΟΙΤΥ	CONSUMED CREDITED			LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0		
ITEM	UNIT	QUANTITY	QUANTITY			SUNDAY	S AND HOLI	IDAY	YS					0	0	
						FIRE DR								0	0	
FUEL	BBL		3,962			(				-	<u></u>				1	15
ELECTRICITY	KW		0			(	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			(	)(	ION-EFFECT					000		9	5
MOB DATE		DREDGE START		DEMC	B DATE		PCT. OF NON-EFFECTIVE 38% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					38%		-		
04/01/2019 04/01/2019						CHARGEABLE TO COST OF WORK)								22	35	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		14				
DREDGE	Pipeline Dredge Missouri H				ſ	DATE 04/14/2019				
	ATTENDANT PLANT			LOST TIME (NOT CHARGEABLE TO COST C						
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		1	25			
				TOTAL LOST TIME		1	25			
				PERCENTAGE OF TOTAL TIME	6%	,				
				TOTAL TIME IN PERIOD	•	24	0			

#### GENERAL COMMENTS

Misc: 0% standby for fuel barge, and high current. The dredge is now dredging to a depth of -44 + the tide. Now leaving -42' of water at 0.0 tide in high frequency and deeper in low frequency).

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated.

SSHO: Continued correcting deficiencies from COE Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the Swing Anchor to pass ship traffic, shift anchors, and adding pontoons.

Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations.

CONTRACTOR CERTIFICATION	material used and work performed dur	In behalf of the contractor, I certify that this Report is complete and correct and all equipment and naterial used and work performed during this Reporting period are in compliance with the contract lans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE								

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 2	29 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								15
CHARACTER O REPORT	F	X MAINTE	NANCE			<	ENV	IRONMENT	۹L			<b>DATE</b> 04/15	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	PER WE	EK	
DRED	GE	Pipeline Dredg		Н			05001/50				NO	2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEME		тот	Δ1
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDOL	ONOR	-	OTTER		101/	1L
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	IANNEL OF WORK									
		REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL AREA USED QTY DEPOSITED GROSS (CY)				ED		CUMML			
LOCATIC			230+35 to	226+6	5		North	Pinto	GROSS (CY) 13,767				DEPOS		DA (C 3,613	Y)
01145407		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN STONE SHEL					отн	ER
CHARACT MATERIA		0 %	10 %		0 %	15 %		75 %		0 % 0 %					0 %	
CHANNEL C	CONDITION	ļ	AVERAGE DEPTH BEF				ORE DREI	DGING		39.20	AFTE	R DRED	GING		42	2
RIVER/	TIDE	MIN	MIN 0.30 TIME 07:00 N			MAX	1.60	тім	/IE 23	:00 GA	GE LOC	ATION E	Electron	ic Gag	e	
STAG	θE	MIN	MIN 0 TIME 00:00 M				MAX	0 TIME 00:00 GAGE DATUM						MLLW		
	WEATHER T				TEMP (min/	/max)	VIS	SIBILITY	1W	ND						
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			54 °F	/ 73 °F		10 MI		10 north	n MPH			
		WORK PERFO	RMED							DISTRIBL		F WOR	K			
ITEM	1	UNIT			QUANTITY									HF	र.	MIN.
AVERAGE OF CU		FT	FT 360					G OR DRED		ABLE TO COST ( G		(K)			17	5
TOTAL AD\ THIS PEF		FT		370				EFFECTIVE	TIM	E			71%			
TOTAL AD\ PREVIOU		FT		5,055										-		
TOTAL AD\ TO DA	-	FT				5,425		IG PIPE LINI		EABLE COST OF	WURK	)			0	15
SCOWS LC	DADED	NUMBER				C									1	10
AVERAGE PER SC		CY				(								2	0	
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0		FOR SCOW		D SUCTION HEAD	)				0	45
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	<u>г</u>			6,540	-			OR ANCHORAGE					0	0
		0.0000				-	CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	в				0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	IG NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		13,767			12,515	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		179,846		1	61,315	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			193,613		1	73,830		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		805.87			732.59		FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SUI	PPLIES							KING UP TOW	KS				0	0
						_			ID SATURDAYS					0	0	
СОММОЕ		CONSUME	CONSUMED CREDITED			SUNDAY	S AND HOLI	IDAY	YS					0	0	
ITEM	UNIT	QUANTITY	(	QUANTITY			FIRE DR	ILL							0	0
FUEL	BBL		2,250			C	MOVING	OUT OF WA	AY O	OF TRAFFIC					2	45
ELECTRICITY	KW		0			(	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			TOTAL NON-EFFECTIVE TIME							6	55		
MOB DATE		DREDGE START	EDGE START DEMOB DATE			PCT. OF NON-EFFECTIVE 29%					29%					
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								24	0		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		15				
DREDGE	Pipeline Dredge Missouri H		<b>TE</b> )4/15/2019							
	ATTENDANT PLANT			LOST TIME	T OF WORK)					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
			PERCENTAGE OF TOTAL TIME							
			TOTAL TIME IN PERIOD     24							

### GENERAL COMMENTS

The dredge decreased production due to the strong out bound current.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated.

SSHO: Continued correcting deficiencies from COE Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the Swing Anchor to pass ship traffic, shift anchors, and adding pontoons. Yearly inspections crane hoist, chain falls, & derrick. Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that the material used and work performed during plans and specifications, to the best of my	this Reporting period are in complia	nce with the contract					
QC REPRESENTATIVE'S SIGNATURE	E DATE SUPERINTENDENT'S INITIALS DATE							

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 3	1 of 143			
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								16
CHARACTER O REPORT	F				NEW WORK	K	ENV	IRONMENT	۹L			<b>DATE</b> 04/16/2019				
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK	_
DRED	GE	Pipeline Dredg	ZE	н		ЦОР	SEPOWER	1			NO	2	W MEMB	EDS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL C	IANNEL OF WORK								
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU DEPOSI			
WOR			226+65 to	224+00	)		North Pinto 20,200			200		001		,813	.,	
CHARACT		GRAVEL	SAND		CLAY	MUE	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %	0	75 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	/	AVERAGE DEPTH BEF				ORE DRE	DGING		36.80	AFTE	R DRED	GING		42	2
RIVER/		MIN	MIN 0.30 TIME 07:00 N				MAX	1.70	тім	1E 23	:00 GA	GE LOC	ATION E	lectroni	c Gag	e
STAC	GE	MIN 0 TIME 00:00 N				MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	<b>ILLW</b>			
	WEATHER				TEMP (min/	(max)	VIS	BILITY	WI	ND						
WEATHER C	ONDITION	Weather Not	Weather Not Entered				59 °F .	9 °F / 78 °F 10 MI 10 varies MPH								
		WORK PERFO	RMED							DISTRIBL		FWOR	κ	1		
ITEM		UNIT	UNIT QUANTITY							CTIVE WORKING ABLE TO COST (		YK)		HF	ł.	MIN.
AVERAGE OF CL		FT	FT 310					G OR DRED							15	30
TOTAL AD THIS PEF		FT		265			´	EFFECTIVE	TIM	E			65%	-		
TOTAL AD PREVIOU	-	FT		5,425												
TOTAL AD TO DA		FT				5,690	HANDLIN	(CHA		EABLE COST OF	WORK	)			0	25
SCOWS LC	DADED	NUMBER				C		HANDLING ANCHOR LINES							0	25
AVERAGE PER SC	-	CY				C									3	35
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM	ERGED PIPE	0	CLEARING CUTTER AND SUCTION HEAD							2	0	
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	т			6,460				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
					OREDITED		LOSS DU	JE TO OPPC	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		20,200			18,400	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		193,613		17	73,830	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN			213,813		19	92,230		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D								FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT			1,303.23		1,7	187.10	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SU	PPLIES							BETWEEN WOR	KS				0	0
СОММОЕ	DITY	CONSUME	CONSUMED CREDITED												0	0
ITEM	UNIT	QUANTITY	(		QUANTITY	FIRE DR		UAY	15					0	0	
FUEL	BBL		3,940			C									2	5
ELECTRICITY	КW		0			0 MOVING OUT OF WAY OF TRAFFIC 0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0		
			10				TOTAL NON-EFFECTIVE TIME							8	30	
LUBRICANTS MOB DATE	GAL		10				PCT. OF NON-EFFECTIVE 35%					35%				
	04/01/2019		DREDGE START DEMOB DATE 04/01/2019				TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							24	0	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE			CONTRACTOR		REP	ORT NO.	Page 32 of 143		
W9127818D0103 W9127818F0624	Maintenance Dredging of Mob	Maintenance Dredging of Mobile Harbor         Mike Hooks, L.L.C								
DREDGE	Pipeline Dredge Missouri H		<b>DAT</b> 04	E /16/2019						
	ATTENDANT PLANT			LOST TIME	T OF WORK)					
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	0		
				TOTAL LOST TIME			0	0		
			PERCENTAGE OF TOTAL TIME	1%						
			TOTAL TIME IN PERIOD   24							

### **GENERAL COMMENTS**

The dredge production decreased due to the strong out bound current.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated. SSHO: Continued correcting deficiencies from COE Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the Swing Anchor to pass ship traffic, shift anchors, and take out pontoons.

Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations.

CONTRACTOR CERTIFICATION	material used and work performed	fy that this Report is complete and correct a I during this Reporting period are in compli sst of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 3	3 of 143				
CONTRACT NO		CONTRACT TITLE					CONTRA	CTOR				REPORT NO.				
W9127818D0103 V	N9127818F062	4 Maintenance	Maintenance Dredging of Mobile Harbor					Mike Hooks, L.L.C				17				17
CHARACTER O REPORT	F		X MAINTENANCE NEW WORK						٩L			<b>DATE</b> 04/17	/2019			
										SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		н								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO. SHORE		W MEME		тот	<u></u>
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDGE	ONOR	-	OTTER		1017	
		8000		0	4000		0		0	25		4		0		29
			1		LOCAT	ION/C	HANNEL O	F WORK							•	
		REACH DREDO	GED; STAT	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMML			
LOCATIC			224+00 to	221+4	5		North	Pinto		GROSS (CY) 12,	905		DEPOS		DA (C 5,718	Y)
01145407		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN	STONE	-	SHELL		отн	ER
CHARACT MATERIA		0 %	10 %		0 %	15 %		75 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPTI	Н	BEF	ORE DREI	DGING		38	AFTE	R DRED	GING		42	2
RIVER/		MIN	0.80	TIME	0	8:00	MAX	1.70	тім	/IE 02	:00 GA	GE LOC	ATION E	Electroni	ic Gag	e
STAG	GE	MIN	0	TIME	0	0:00	MAX 0 TIMI			/E 00	:00 GA	GE DATI	JM N	MLLW		
		WEATHER	WEATHER				TEMP (min/	/max)	VIS	BILITY	WI	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			68 °F /	/ 79 °F		10 MI		10 SSE	MPH			
		WORK PERFOR	RMED							DISTRIBL		FWOR	(	1		
ITEM	1	UNIT			QUANTITY									HF	۲.	MIN.
AVERAGE OF CU		FT		310			(CHARGEABLE TO COST OF WORK) PUMPING OR DREDGING							15	35	
TOTAL ADVANCE THIS PERIOD		FT	FT 2		255							65%	-			
TOTAL ADVANCE PREVIOUSLY		FT				5,690								-		
TOTAL ADVANCE TO DATE FT		FT				5,945		IG PIPE LINI		EABLE COST OF	WORK	)			0	0
SCOWS LOADED		NUMBER				C		IG ANCHOR	LIN	IES					0	35
AVERAGE PER SC		CY				C	)								2	30
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0		FOR SCOW		SUCTION HEAD	)				0	50
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Γ			6,380				OR ANCHORAGE	:				0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
							LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		12,905 11		11,732	32 SHORE LINE AND SHORE WORK								0	0	
AMOUNT PREV	IOUSLY	213,813 192		92,230	30 WAITING FOR BOOSTER								0	0		
TOTAL AMOUN DREDGED TO D			226,718		203,962 MINOR OPERATING REPAIRS (EXPLAIN				IN REMARKS)				0	0		
AMOUNT DRED	GED PER		828.13 752.8			752.86	WAITING FOR ATTENDANT PLANT							0	0	
PUMPING/CUTT	TING HR						PREPARATION AND MAKING UP TOW							0	0	
OPERATING SUPPLIES					TRANSFERRING PLANT BETWEEN WORKS							0	0			
COMMODITY		CONSUME	CONSUMED CREDITED			LAY TIME OFF SHIFT AND SATURDAYS SUNDAYS AND HOLIDAYS								0	0	
ITEM	UNIT	QUANTITY	,		QUANTITY		FIRE DRI								0	0
FUEL	BBL		3,372			C								4	30	
ELECTRICITY	KW		0			C	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10			C	TOTAL NON-EFFECTIVE TIME							8	25	
MOB DATE	-	DREDGE START		DEMC	B DATE							35%				
	04/01/2019	04	/01/2019							NON-EFFECTIVI T OF WORK)	= TIME				24	0

	PAG	E NO.	Page 34 of 143							
CONTRACT NO.         CONTRACT TITLE         CONTRACTOR           W9127818D0103         W9127818F0624         Maintenance Dredging of Mobile Harbor         Mike Hooks, L.L.C							REPORT NO.			
DREDGE	Pipeline Dredge Missouri H						DATE 04/17/2019			
	ATTENDANT PLANT	LOST TIME	ST TIME (NOT CHARGEABLE TO COST OF WORK)							
ITEM	NAME OR NUMBER	H.P.	HOURS	RS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	0		
				TOTAL LOST TIME			0	0		
				PERCENTAGE OF TOTAL TIME	0	%				
				TOTAL TIME IN PERIOD			24	0		

### **GENERAL COMMENTS**

The dredge production decreased due to the strong out bound current.

#### SAFETY

Daily JSAs and work briefings conducted, and Weather reports generated. SSHO: Continued correcting deficiencies from COE Safety Inspection. Observed the Outside Crew: cleaning the pump & cutter, move the Swing Anchor to pass ship traffic, shift anchors, and adding/removing pontoons.

Engineers: Monitored Engine Room, performed preventative maintenance, clean the engine room and equipment repairs if needed.

Night Shift: servicing all Tenders, Light-Plants (fill out equipment inspection forms. and ensure all equipment is properly illuminated during night operations.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.							
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE					

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 3	85 of 143				
CONTRACT NO		CONTRACT TITLE					CONTRA	CTOR				REPORT NO.				
W9127818D0103 V	N9127818F062	4 Maintenance	Maintenance Dredging of Mobile Harbor					Mike Hooks, L.L.C				18				18
CHARACTER O REPORT	F								٩L			<b>DATE</b> 04/18	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	E MISSOURI	н			SEPOWER	1			NO	2	W MEME			7
		PIPELINE	DIPPER		DREDGE	SUC	CTION	CUTTER O	R	DREDGE	SHORE				тот	4
			BUCKET		PUMP	PIPE	EJET	BUCKET			00.	-	0			
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL C	F WORK								
1001710		REACH DRED	GED; STAT	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMML DEPOS			
LOCATIO			221+45 to	218+4	D		North	Pinto			021		DEPUS		,739	ŤĴ
CHARACT		GRAVEL	SAND	-	CLAY	ми		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %		75 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPTI	4	BE	FORE DREI	DGING		38.10	AFTE	R DRED	GING		42	2
RIVER/		MIN	1.70	TIME	0	0:00	MAX	2.40	TIM	/IE 23	:00 GA	GE LOC	ATION E	Electroni	c Gag	e
STAG	θE	MIN	0	ТІМЕ	0	0:00	MAX	0	TIN	/IE 00	:00 GA	AGE DATUM MLLW				
		WEATHER	WEATHER				TEMP (min/	/max)	VIS	SIBILITY	IW	ND				
WEATHER CO	ONDITION	Weather Cau	sed Non-C	ritical [	Delay		59 °F .	/ 76 °F		10 MI		15 SSE	MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(	1		
	ITEM UNIT QUAI			QUANTITY			EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WO						HF	ł.	MIN.	
AVERAGE WIDTH FT OF CUT			310										14	50		
TOTAL ADVANCE THIS PERIOD		FT				305	5 PCT OF I						62%	_		
TOTAL ADVANCE PREVIOUSLY		FT				5,945				ECTIVE WORKI				-		
TOTAL ADVANCE FT				6,250			) HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			1	15
SCOWS LOADED		NUMBER				(		IG ANCHOR	LIN	IES					0	40
AVERAGE LOAD		CY				(	-	ig pump an	ID P	PUMP LINES					4	10
PER SC		SHORE PIPE 5,5	00	SUBM	ERGED PIPE	0				D SUCTION HEAD	2				2	5
				SODIVI				FOR SCOW							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г — — Т			6,820	-			OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					IG NATURAL ELE					0	30
AMOUNT DRED THIS DATE	GE		15,021 13		13,656									0	0	
AMOUNT PREV	IOUSLY		226,718 203,96			03,962	2 WAITING FOR BOOSTER								0	0
REPORTED			241,739 217		17,618	8 MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS)								0	0	
DREDGED TO D		211,00 217,0			,010	WAITING FOR ATTENDANT PLANT								0	0	
AMOUNT DRED PUMPING/CUTT	-		1,012.65 920.63				PREPARATION AND MAKING UP TOW							0	0	
OPERATING SUPPLIES					TRANSFERRING PLANT BETWEEN WORKS								0	0		
COMMODITY		CONSUME	CONSUMED CREDITED				LAY TIME OFF SHIFT AND SATURDAYS						0	0		
ITEM UNIT QU		QUANTITY	QUANTITY QUANTITY			SUNDAYS AND HOLIDAYS								0	0	
FUEL	BBL		2,766				FIRE DRILL							0	0	
			,						-	AIN IN REMARK	S)				0	30
ELECTRICITY	KW		0			(	, 				-1				9	10
LUBRICANTS	GAL		10			(						38%			.0	
MOB DATE		DREDGE START	104/00 :	DEMC	B DATE		PCT. OF NON-EFFECTIVE 38% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME						24	0		
	04/01/2019	04	/01/2019				(CHARGI	EABLE TO C	OST	T OF WORK)					24	0

	PA	PAGE NO. Page 36 of 143						
CONTRACT NO.	RE	REPORT NO.						
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	e Harbor	N	like Hooks, L.L.C			18	
DREDGE	Pipeline Dredge Missouri H		<b>DATE</b> 04/18/2019					
	ATTENDANT PLANT		LOST TIME	(NOT CHARGEABLE TO COST OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN	
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0	
Tender	Ashley	250	24:00	CESSATION		0	0	
Tender	Grayson	500	24:00	COLLISIONS	0	0		
				MISCELLANEOUS		0	0	
				TOTAL LOST TIME		0	0	
				PERCENTAGE OF TOTAL TIME	0%			
				TOTAL TIME IN PERIOD	ŀ	24	0	

### **GENERAL COMMENTS**

The dredge production decreased due to the strong out bound current.

#### SAFETY

Day Shift: Dredge continued to dredge. Weather reports generated. The JSA meetings were held. Dredging continued in the Mobile water way. DTL updated, assisted in cleaning trash from the dredge and making corrections to issue on the DTL. -Outside Crew: Shifted Anchors/Pontoon Lines. Cleaned Pump/Cutter, Cleaned boats/Barges. photos taken of the Debris from the cutter.

- Welder completing reinstalling down mid guard rails on the bottom decks.
- Engineers: Monitored Engine Room, performed preventative maintenance and equipment repairs. Night Shift: Shifted Anchors, Refuel Tenders, Light-Plants.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE						

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 3	7 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								19
CHARACTER O REPORT	F	X MAINTE	NANCE		NEW WORK	C	ENV	IRONMENT	۹L			<b>DATE</b> 04/19	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	e Missouri ZE	Н							NO	2				7
		PIPELINE	DIPPER		DREDGE	SUC	RSEPOWER	CUTTER O	R	DREDGE	SHORE		W MEMB	ERS	TOTA	
			BUCKET		PUMP	PIP	E JET	BUCKET			001.	-	o			-
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STAT	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU DEPOSI			
WOR			218+40 to	216+8	5		North	Pinto			25		DEI 001		3,864	.,
CHARACT		GRAVEL	SAND		CLAY	MU	D	SILT		HARDPAN	STONE		SHELL		OTHE	ĒR
MATERIA		0 %	10 % 0 % 15 %				6	75 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	, A	AVERAGE DEPTH BEF				FORE DREI	DGING		38.10	AFTE	R DRED	GING		42	<u>.</u>
RIVER/		MIN 1.70 TIME 00:00 M				MAX	2.40	тім	/IE 23	:00 GA	GE LOC	ATION E	lectron	ic Gag	e	
STAC	<b>BE</b>	MIN	0	TIME	0	0:00	MAX	IAX 0 TIME 00:00 GAGE DATUM						ILLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	IW	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			48 °F	/ 64 °F		5 MI		15 NW	MPH			-
		WORK PERFO	RMED							DISTRIBL		F WOR	(	1	<u> </u>	
ITEM		UNIT			QUANTITY		4			CTIVE WORKING		8K)		HF	र.	MIN.
AVERAGE OF CL		FT			(CHARGEABLE TO COST OF WORK) 310 PUMPING OR DREDGING								6	10		
TOTAL ADV THIS PEF		FT		155 PCT OF EFFECTIVE TIME						26%	-					
TOTAL AD PREVIOU		FT		6,250 BOOSTER (IN LINE)								-				
TOTAL AD TO DA		FT				6,40	5 HANDLIN	IG PIPE LINI		EABLE COST OF	WORK	.)			0	0
SCOWS LC	DADED	NUMBER				(	HANDLING ANCHOR LINES								0	25
AVERAGE PER SC		CY				(	0								3	55
FLOATING PIPE	1,320	SHORE PIPE 5,5	00	SUBM	ERGED PIPE	0		FOR SCOV		D SUCTION HEAD					0	50 0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			6,82	D TO AND	FROM WHA	RF (	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	ON C	OF PLANT ON JO	В				0	0
AMOUNT DRED	05						LOSS DL	JE TO OPPC	SIN	IG NATURAL ELE	MENTS	3			0	0
THIS DATE	GE		7,125			6,478	<sup>B</sup> SHORE L	INE AND SH	HOR	RE WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		241,739		2	17,61	B WAITING	FOR BOOS	STER	२					0	0
TOTAL AMOUN			248,864		22	24,09	6 MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,155.41		1.0	050.4	9	FOR ATTE							0	0
PUMPING/CUTT	TING HR		,		-,-		PREPAR								0	0
OPERATING SUPPLIES					_			BETWEEN WOR					0	0		
СОММО		CONSUME	D		CREDITED										0	0
ITEM	UNIT	QUANTITY	ſ		QUANTITY		SUNDAYS AND HOLIDAYS								0	0
FUEL	BBL		2,512			(	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							0	30	
ELECTRICITY	КW		0			(	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10				0 TOTAL NON-EFFECTIVE TIME							5	40	
MOB DATE	-	DREDGE START		DEMO	B DATE			NON-EFFEC					24%			
04/01/2019 04/01/2019						-			NON-EFFECTIV T OF WORK)	ETIME				11	50	

	PAGE NO. Page 38 of 143						
CONTRACT NO.	F	REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	N	like Hooks, L.L.C			19	
DREDGE	Pipeline Dredge Missouri H				C	0 <b>ATE</b> 04/19/2019	
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN
Tender	Arthur	250	24:00	MAJOR REPAIRS		12	10
Tender	Ashley	250	24:00	CESSATION		0	0
Tender	Grayson	500	24:00	COLLISIONS		0	0
				MISCELLANEOUS		0	0
				TOTAL LOST TIME		12	10
				PERCENTAGE OF TOTAL TIME	519	%	
				TOTAL TIME IN PERIOD	·	24	0

### GENERAL COMMENTS

The dredge went down for mechanical repair at 11:50 (STB spud hauling gear).

#### SAFETY

Day Shift: Dredge continued to dredge. Weather reports generated. The JSA meetings were held in galley and engine room . A weekly safety meeting was conducted. SSHO completed a full inspection of the dredge, all work areas and observed all employees while preforming work duties. The DTL was updated as issues were corrected. A copy of the updated DTL highlighting the corrections were given to the Corp. Officer. Dredging continued in the Mobile water way, Until mid- day of shift, the vessel was pulled over due to difficulties with machinery in the after engine room.

Outside Crew: Shifted Anchors/Pontoon Lines. Cleaned Pump/Cutter, Cleaned boats/Barges. photos taken of the Debris from the cutter and the pump. Welder working to assist the engine room employees with the removal/repair of the failed equipment in the engine room. Engineers: Engine Room employees worked to remove/repair failed equipment.

Night Shift: Shifted Anchors, Refuel Tenders, ensured Light-Plants worked at the landing and all employees followed all safety requirements. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performe	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and naterial used and work performed during this Reporting period are in compliance with the contract lans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

	QUALITY CONTROL REPORT-BUCKET/PIPELINE											Page 3	39 of 143			
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								20
CHARACTER O REPORT	F		NANCE			<	ENV	IRONMENTA	۹L			<b>DATE</b> 04/20	/2019			
										SHIFTS PER D	AY		DAYSF	PER WE	EK	
DRED	GE	Pipeline Dredg		i H								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO. SHORE	OF CRE			тот	A I
		FIFELINE	BUCKET		PUMP	PIPE	E JET	BUCKET		DREDGE	SHUK	=	UTHER		101/	<b>∼∟</b>
		8000		0	4000		0		0	25		4		0		29
	LOCATION/CH					HANNEL C	F WORK									
		REACH DREDO	GED: STA		O STATION	DISI	POSAL AREA USED QTY DEPOSITED				Đ		CUMMU			
							Image: North Pinto   Image: GROSS (CY)     0						DEPOS			Y)
			vance ma		-			1							3,864	
CHARACT MATERIA		GRAVEL 0 %	SAND 10 %		CLAY 0%	MUE 15 %		SILT         HARDPAN         STONE         SHELL           75 %         0 %         0 %         0 %							OTH 0 %	ER
CHANNEL C							ORE DRE	DGING		38.10	AFTE	R DRED	GING		42	2
		MIN	MIN 0 TIME 00:00 N			MAX						ATION I	Electron	ic Gag	e	
RIVER/ STAG		MINI	MIN 0 TIME 00:00 N			MAX	0	тім		00 64	GE DATI	IM I	MLLW			
						TEMP (min/				WIN						
WEATHER CO	ONDITION		used No Delay				46 °F	,		MI			- 15 MPH	1		
		WORK PERFOR	RMED							DISTRIBL						
ITEM	1	UNIT			QUANTITY			EF	FEC	CTIVE WORKING	TIME			HF	2	MIN.
AVERAGE OF CU		FT				310		(CHARGEABLE TO COST OF WORK) PUMPING OR DREDGING							 0	0
TOTAL AD THIS PER		FT				) PCT OF I	EFFECTIVE	TIME	E			0%		1		
TOTAL AD	-			C 405				R (IN LINE)								
PREVIOL		FT		6,405			-			ECTIVE WORKI						
TOTAL AD TO DA	-	FT				6,405	HANDLIN	IG PIPE LINE	G PIPE LINES						0	0
SCOWS LC	DADED	NUMBER				(	HANDLING ANCHOR LINES								0	0
AVERAGE PER SC		CY				(	CLEARING PUMP AND PUMP LINES								0	0
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0		FOR SCOW		SUCTION HEAD	)				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F				6,820	-			OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGING LOCATION OF PLANT ON JOB								0	0
		GRU33			CREDITED		LOSS DL	ΙΕ ΤΟ ΟΡΡΟ	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		0			(	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		248,864		2:	24,096	WAITING	FOR BOOS	TER	2					0	0
			248,864		22	24,096		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			NA			NA			NDA	NT PLANT					0	0
PUMPING/CUTT	ING HR					117	PREPAR			KING UP TOW					0	0
		OPERATING SUP	PLIES				_			BETWEEN WOR	KS				0	0
СОММОЕ	ОГТҮ	CONSUMED CREDITED								ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY QUANTITY				FIRE DR	S AND HOLI	UAY						0	0	
FUEL	BBL		2,512			(	]		AY O	E TRAFFIC					0	0
ELECTRICITY	КW		0			ſ	0 MOVING OUT OF WAY OF TRAFFIC							0	0	
			-			TOTAL NON-EFFECTIVE TIME							0	0		
LUBRICANTS	GAL				PCT. OF NON-EFFECTIVE 0%					0%						
MOB DATE	ATE DREDGE START DEMOB DATE 04/01/2019 04/01/2019			TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							0	0				
	3 113 112013	0-					CHARG	EABLE TO C	051	I UF WURK)				1	-	

	PA	PAGE NO. Page 40 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile			20					
DREDGE	Pipeline Dredge Missouri H			<b>TE</b> 04/20/2019					
	ATTENDANT PLANT		LOST TIME	(NOT CHARGEABLE TO COST OF WOR					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		24	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME	24	0			
				PERCENTAGE OF TOTAL TIME	100%	6			
			TOTAL TIME IN PERIOD		24	0			

#### GENERAL COMMENTS

The dredge was down for mechanical repair all day (STB spud hauling gear).

#### SAFETY

The SSHO monitored the crew and working environment as repairs were being made to the dredge. No incidents or accidents to report.

CONTRACTOR CERTIFICATION	material used and work performed	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 4	l1 of 143				
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								21
CHARACTER O REPORT	F		NANCE		NEW WORK	K	ENV	IRONMENT	۹L			<b>DATE</b> 04/21	/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		н			05001050					2		500		7
		PIPELINE	ZE   DIPPER (	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEME	ERS	тот	
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDGE	ONOR	-	OTTIER		1017	1
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL C	F WORK							•	
		REACH DREDO	GED; STAT		O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMMU			
LOCATIC			216+85 to	214+6(	D		GROSS (CY) North Pinto 9,462				162		DEPOSI		DA (C 3,326	Y)
01145407		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN	STONE	-	SHELL		отн	ER
CHARACT MATERIA		0 %	10 %		0 %	15 %		75 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	ļ	AVERAGE DEPTH BEF				FORE DREI	DGING		38.10	AFTE	R DRED	GING		42	2
RIVER/	TIDE	MIN	MIN -0.10 TIME 02:00 N			MAX	1.90	TIM	/E 15	:00 GA	GE LOC/	ATION E	lectron	ic Gag	e	
STAG	θE				MAX						JM N	/LLW				
		WEATHER					TEMP (min/			BILITY	IW		-			
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			75 °F.	/ 56 °F		5 MI		NW 5-1	0 MPH			
		WORK PERFOR	RMED							DISTRIBL			K			
ITEM	1	UNIT			QUANTITY									HF	۶.	MIN.
AVERAGE OF CU		FT	т 310					G OR DRED		ABLE TO COST ( G	DF WOR	(K)			13	20
TOTAL AD\ THIS PEF		FT		225			5 PCT OF I	EFFECTIVE	TIM	E			56%			
TOTAL AD\ PREVIOU		FT		6,405										-		
TOTAL AD\ TO DA	-	FT				6,630	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	35
SCOWS LC	DADED	NUMBER				(	HANDLING ANCHOR LINES								0	25
AVERAGE PER SC		CY				(	CLEARING PUMP AND PUMP LINES								4	30
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM	ERGED PIPE	0		FOR SCOW		SUCTION HEAD	2				1	5
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Γ			6,940	-			OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	в				0	0
		0.000					LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		9,462			8,062	2 SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		248,864		22	24,096	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			258,326		23	32,158		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		709.65			604.65	5	FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SUI								KING UP TOW					0	0
	OPERATING SUPPLIES								ID SATURDAYS					0	0	
СОММОЕ		CONSUME	D		CREDITED			S AND HOLI							0	0
ITEM	UNIT	QUANTITY QUANTITY				FIRE DR								0	0	
FUEL	BBL		2,172			<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								2	15	
ELECTRICITY	KW		0			(	MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			(		ION-EFFECT	IVE	TIME					8	50
MOB DATE		DREDGE START DEMOB DATE				PCT. OF NON-EFFECTIVE 37% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					37%					
04/01/2019 04/01/2019								NON-EFFECTIVI T OF WORK)	ETIME				22	10		

	PAGE NO. Page 42 of 143								
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile			21					
DREDGE	DREDGE Pipeline Dredge Missouri H								
	ATTENDANT PLANT	LOST TIME	(NOT (	CHAR	GEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN	
Tender	Arthur	250	24:00	MAJOR REPAIRS			1	50	
Tender	Ashley	250	24:00	CESSATION			0	0	
Tender	Grayson	500	24:00	COLLISIONS			0	0	
				MISCELLANEOUS			0	0	
				TOTAL LOST TIME			1	50	
		PERCENTAGE OF TOTAL TIME	8	%					
				TOTAL TIME IN PERIOD			24	0	

### **GENERAL COMMENTS**

Repairs to the starboard spud hauling gear were completed @ 01:50 hours.

#### SAFETY

Dredge up and running again, Weather reports was given to the Captain and placed in the engine room. SSHO completed a full inspection of the dredge, all work areas and observed all employees while preforming work duties. The DTL was updated as issues were corrected throughout the day. A copy of the updated DTL highlighting the corrections were placed in the Corp. Office. -Outside Crew: Shifted Anchors/Pontoon Lines. Cleaned Pump/Cutter, Cleaned boats/Barges. photos taken of the Debris from the cutter and the pump. Welder working to assist the engine room employees with the removal/repair of the failed equipment in the engine room. Engineers: Engine Room employees worked to remove/repair failed equipment.

Night Shift: Shifted Anchors, Refuel Tenders, ensured Light-Plants worked at the landing and ensured all employees followed all safety requirements.

No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work perform	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 4	3 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	V9127818F062	4 Maintenance	Dredging (	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								22
CHARACTER O REPORT	F		-		NEW WOR	к	ENV	IRONMENT	٩L	_		<b>DATE</b> 04/22	/2019			
		NAME AND T Pipeline Dredg		ц						SHIFTS PER D	AY		DAYS PI	ER WE	EK	_
DRED	GE	_	ZE			HOR	SEPOWER				NO		W MEMBI	-RS		7
		PIPELINE	DIPPER (		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORI		OTHER		TOT	AL.
			BUCKET		PUMP	PIPE	E JET	BUCKET								
		8000		0	4000		0							0		29
					LOCAT	TION/C	HANNEL O	F WORK								
LOCATIO	ON OF	REACH DRED	GED; STAT		O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOSI			
WOR	ĸ		214+60 to 2	211+75	i		North	North Pinto 13,168						271	,494	
CHARACT		GRAVEL	SAND			MUE		SILT 75 %		HARDPAN 0 %	STONE 0 %	E	SHELL 0 %		ОТН 0 %	ER
CHANNEL C	. ,		0 % 10 % 0 % 15 %							38.10		R DRED			<b>0</b> /8 42	)
CHANNEL	ONDITION	MIN						1.90	TIM				ATION E	ectroni		
RIVER/ STAG										1					0049	-
		MIN	0	TIME	(	1 00:00			TIM			GE DATI	JM M	LLW		
WEATHER CO	ONDITION	WEATHER Weather Cau	sod No Do	lov			/TEMP (min 61 °F	,	VIS	SIBILITY 5 MI	WI		riable MP	Ц		
		WORK PERFO		ay				701		DISTRIBL				1		
ITEM	l	UNIT			QUANTITY			EF	FEC	CTIVE WORKING	TIME			HF	,	MIN.
AVERAGE OF CU		FT						(CHAR		ABLE TO COST ( G	OF WOF	RK)			. 14	45
TOTAL AD\ THIS PEF		FT				285	PCT OF I	EFFECTIVE	TIM	E			61%			
TOTAL AD PREVIOU		FT		6,630				R (IN LINE)	-EFF		NG TIM	E				
TOTAL AD TO DA	/ANCE	FT				6,915		(CHA		EABLE COST OF	WORK	.)			1	20
SCOWS LC		NUMBER				C	HANDLING ANCHOR LINES								0	40
AVERAGE							CLEARING PUMP AND PUMP LINES								4	5
PER SC		CY				C	·	IG CUTTER	AND	SUCTION HEAD	)				1	45
FLOATING PIPE	1,620	SHORE PIPE 5,5	00	SUBM	ERGED PIPE		-	FOR SCOV							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			7,120				OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED					OF PLANT ON JO					0	0
AMOUNT DRED	GE		40.400			44.074		JE TO OPPC	SIN	G NATURAL ELE	MENTS	6			0	0
THIS DATE	-		13,168			11,971	SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		258,326		2	232,158		FOR BOOS							0	0
TOTAL AMOUN DREDGED TO D			271,494		2	244,129	)			PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT	-		892.75			811.59				NT PLANT					0	0
		OPERATING SU	PPLIES							BETWEEN WOR	KS				0	0
соммое		CONSUME	 D		CREDITED		LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
							SUNDAY	S AND HOL	IDAY	YS					0	0
ITEM	UNIT	QUANTITY			QUANTITY		FIRE DRILL								0	0
FUEL	BBL		2,942			C	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								0	20
ELECTRICITY	кw		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			ſ	TOTAL NON-EFFECTIVE TIME							8	10	
MOB DATE	U.L.	DREDGE START		DEMO	B DATE		PCT. OF	NON-EFFEC					34%			
	04/01/2019		4/01/2019	-						NON-EFFECTIVI T OF WORK)	E TIME				22	55

	PAGE NO.	Page 44 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile			22					
DREDGE	C	0 <b>ATE</b> 04/22/2019							
	(NOT C	HARGEABLE TO COS	ST OF WORK)						
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		1	5		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
			TOTAL LOST TIME		1	5			
				PERCENTAGE OF TOTAL TIME	,				
				TOTAL TIME IN PERIOD		24	0		

### GENERAL COMMENTS

The dredge lost 01:05 (0%) fixing the port swing cable.

### SAFETY

Weather reports was given to the Captain and placed in the lever room. SSHO completed a full inspection of the dredge, ensuring all work areas and work activity was being done safely.

-Outside Crew: Shifted Anchors/Pontoon Lines. Cleaned Pump/Cutter, Cleaned boats/Barges. photos taken of The Debris from the cutter and the pump. . The welder assist the out side crew in making up of lines.

Engineers: Engine Room employees worked to maintain all engine room equipment.

Night Shift: Shifted Anchors, Refuel Tenders, ensured Lights were in place and operating throughout the shift. Alternate SSHO ensured employees followed all safety requirements.

No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performed d	that this Report is complete and correct a luring this Reporting period are in compli t of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										I	Page 4	l5 of 143			
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								23
CHARACTER O REPORT	F		-		NEW WORK	K	ENV	IRONMENTA	۹L			<b>DATE</b> 04/23	/2019			
		NAME AND T Pipeline Dredg		ы						SHIFTS PER D	AY		DAYS P	PER WE	EK	_
DRED	GE	-	ZE			ЦОР	SEPOWER	•			NO	2	W MEME	REDS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	E JET	BUCKET								
		8000		0	4000		0		0	25		4		0		29
					LOCATI	ION/C	IANNEL OF WORK									
LOCATIO		REACH DRED	GED; STAT	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMML			
WOR		:	211+75 to	209+9	0		North	Pinto	8,548						), <b>042</b>	.,
CHARACT		GRAVEL	SAND		CLAY	MUE	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %	0	75 % 0 % 0 %							0 %	
CHANNEL C	CONDITION	4	AVERAGE DEPTH BEF			ORE DRE	DRE DREDGING 38.90 AFTER DREDGING							42	2	
RIVER/	TIDE	MIN	MIN 0.30 TIME 01:00 M			MAX	IAX 2.20 TIME 16:00					ATION E	Electron	ic Gag	е	
STAG	θE	MIN	/IN 0 TIME 00:00 M			MAX	AX 0 TIME 00:00 GAG				GE DATI	JM N	MLLW			
		I WEATHER T			TEMP (min/	/max)	VIS	SIBILITY	1W	ND						
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			65 °F .	/ 79 °F		4 MI		SW 5 -	10 MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		SK)		HF	۶.	MIN.
AVERAGE OF CU		FT		360				G OR DRED							14	5
TOTAL AD\ THIS PEF		FT		185			5 PCT OF I	EFFECTIVE	TIM	E			59%			
TOTAL AD\ PREVIOU		FT		6,915						ECTIVE WORKI				-		
TOTAL AD TO DA	-	FT		7,100			) HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	.)			0	40
SCOWS LC	DADED	NUMBER				C		HANDLING ANCHOR LINES							0	30
AVERAGE PER SC		CY				C	CLEARING PUMP AND PUMP LINES								2	50
FLOATING PIPE		SHORE PIPE 5,5	00		IERGED PIPE					SUCTION HEAD	)				0	45
TOTAL LENGTH				2,000		8 340	0 TO AND FROM WHARF OR ANCHORAGE								0	0
						0,010	CHANGING LOCATION OF PLANT ON JOB								0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		8,548			7,771	SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		271,494		24	44,129	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			280,042		25	51,900		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		606.96		Ę	551.79		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR	OPERATING SUI					PREPAR								0	0
		OPERATING SUI	PLIES				_			BETWEEN WOR	KS				0	0
СОММОЕ		CONSUME	JMED CREDITED					S AND HOLI							0	0
ITEM	UNIT	QUANTITY	(	QUANTITY			FIRE DR								0	0
FUEL	BBL		3,150			<sup>0</sup> MOVING OUT OF WAY OF TRAF				F TRAFFIC					4	35
ELECTRICITY	KW		0			0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0			
LUBRICANTS	GAL		10			C	0 TOTAL NON-EFFECTIVE TIME							9	20	
MOB DATE	-	DREDGE START		DEMC	DB DATE 39%					39%						
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								23	25	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile				23					
DREDGE	Pipeline Dredge Missouri H		<b>DATE</b> 04/	E 23/2019						
	ATTENDANT PLANT		LOST TIME	(NOT C	(NOT CHARGEABLE TO COST OF WORK					
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	35		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	0		
				TOTAL LOST TIME			0	35		
				PERCENTAGE OF TOTAL TIME	29	%				
		TOTAL TIME IN PERIOD	·		24	0				

## GENERAL COMMENTS

The dredge lost 00:35 (0%) re-packing the main pump.

#### SAFETY

No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work perform	rtify that this Report is complete and correct a ed during this Reporting period are in compli- best of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 4	17 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	V9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoc	ks, L.L.C								24
CHARACTER O REPORT	F		-			(	ENV	IRONMENTA	٩L			<b>DATE</b> 04/24	/2019			
										SHIFTS PER D	AY		DAYS P	PER WE	EK	_
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER	1			NO	2				7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	IJET	BUCKET					-			
		8000		0	4000		0		0	25		4		0		29
					LOCAT	ION/C	HANNEL OF WORK									
LOCATIO		REACH DREDO	GED; STAT	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU			
WOR			209+90 to	207+8	0		North	North Pinto 10,031							),073	
CHARACT		GRAVEL	SAND		CLAY	MUE	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %	0	75 % 0 % 0 %					0 %		0 %	
CHANNEL C	ONDITION	ŀ	AVERAGE DEPTH BEF			ORE DRE	DRE DREDGING 37.70 AFTER DREDGING							42	2	
RIVER/		MIN	MIN 0.50 TIME 01:00 M			MAX	2.30	TIN	/IE 15	:00 GA	GE LOC	ATION E	Electron	ic Gag	e	
STAC	5E	MIN 0 TIME 00:00 M			MAX	IAX 0 TIME 00:00				GE DATI	JM M	MLLW				
		WEATHER 1			TEMP (min	/max)	VIS	BILITY	IW	ND						
WEATHER C	ONDITION	Weather Cau	sed No De				65 °F	/ 78 °F		4 MI		S 5-10 I	MPH			
		WORK PERFOR	RMED							DISTRIBL		FWOR	(	1		
ITEM		UNIT			QUANTITY		4			CTIVE WORKING ABLE TO COST (		2K)		HF	र.	MIN.
AVERAGE OF CL		FT		260			PUMPIN	PUMPING OR DREDGING							11	10
TOTAL AD THIS PEF		FT		210				EFFECTIVE	TIM	E			47%	-		
TOTAL AD PREVIOU		FT		7,100										-		
TOTAL AD TO DA		FT				7,310	HANDLIN	IG PIPE LINI		EABLE COST OF	WORK	)			0	0
SCOWS LC	DADED	NUMBER				C									0	25
AVERAGE PER SC		CY				C	CLEARING PUMP AND PUMP LINES								2	30
FLOATING PIPE	840	SHORE PIPE 5,5	00	SUBM 2.000	IERGED PIPE			FOR SCOW		SUCTION HEAL	)				1	0
TOTAL LENGTH	OF DISCHA	RGE PIPE F		2,000		8,340				OR ANCHORAGE					0	0
CUBIC YARDS I		GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
		GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		10,031			9,119	SHORE I	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		280,042		25	51,900	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			290,073		26	61,019	MINOR	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		898.30			316.63		FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SU	PPLIES							KING UP TOW	K S				0	0
			ERATING SUPPLIES							ID SATURDAYS					0	0
СОММОЕ	י ווכ ו	CONSUME			CREDITED		SUNDAY	S AND HOLI	DAY	ŕS					0	0
ITEM	UNIT	QUANTITY	r		QUANTITY	SUNDAYS AND HOLIDAYS								0	0	
FUEL	BBL		3,952			C	0 MOVING OUT OF WAY OF TRAFFIC							7	55	
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0		
LUBRICANTS	GAL		10			C	TOTAL NON-EFFECTIVE TIME							11	50	
MOB DATE		DREDGE START		DEMC	B DATE							49%		-		
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								23	0		

	PAGE NO. Page 48 of 143									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	1	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile			24						
DREDGE	Pipeline Dredge Missouri H	1	DATE 04/24/2019							
	ATTENDANT PLANT	LOST TIME	(NOT C	CHARGEABLE TO COS	ST OF WORK)					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	30			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	30			
				TOTAL LOST TIME		1	0			
				PERCENTAGE OF TOTAL TIME	4%	6				
				TOTAL TIME IN PERIOD	•	24	0			

### GENERAL COMMENTS

(0%) The dredge lost 00:30 re-packing the main pump and 00:30 replacing a leaking pontoon gasket.

#### SAFETY

Weather reports was given to the Captain and placed in the lever room. SSHO completed a full inspection of the dredge, the landing and all areas of work activity. All dredge and equipment fire extinguishers were updated for and annual inspections Contractors will return to complete the fire alarm system. All trash was removed from the dredge. The DTL was updated as Deficiencies noted was resolved. -Outside Crew: Shifted Anchors/Pontoon Lines for passing tow, Cleaned Pump and the cutter, photos taken of The Debris from the cutter and the pump. Outside crews were tasked to also assist the yard rep. and subcontractors to repair damaged submerge lines. Engineers: Engine Room employees worked to maintain all engine room equipment.

Night Shift: Shifted Anchors, Refuel Tenders, ensured Lights were in place and operating throughout the shift. Alternate SSHO ensured employees followed all safety requirements. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performed d	that this Report is complete and correct a uring this Reporting period are in compli- of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										I	Page 4	19 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	V9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoc	ks, L.L.C								25
CHARACTER O REPORT	F		-			K	ENV	IRONMENTA	٩L	_		<b>DATE</b> 04/25	/2019			
		NAME AND T Pipeline Dredg		ы						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE	-	ZE				SEPOWER	•			NO	2	W MEME			7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL
			BUCKET		PUMP	PIPE	E JET	BUCKET								
		8000		0	4000		0		0	26		4		0		30
					LOCAT	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMML			
WOR			207+80 to	204+9	0		North	Pinto			497		DE: 00		),570	.,
CHARACT		GRAVEL	SAND		CLAY	MUC	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	10 %		0 %	15 %	0	75 %         0 %         0 %         0 %           RE DREDGING         38.60         AFTER DREDGING							0 %	
CHANNEL C	ONDITION	/	AVERAGE DEPTH BEF			ORE DRE	DGING	AFTE	R DRED	GING		42	2			
RIVER/		MIN	MIN 0.70 TIME 01:00 M			MAX	2.90	тім	/E 15	:00 GA	GE LOC	ATION E	Electron	ic Gag	e	
STAG	θE	MIN	MIN 0 TIME 00:00 M			MAX	0	тім	/E 00	:00 GA	GE DATI	JM N	ЛLLW			
		WEATHER T			TEMP (min	/max)	VIS	BILITY	1W	ND						
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			64 °F	/ 74 °F		4 MI		S 10 - 1	5 MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM		UNIT			QUANTITY		4			CTIVE WORKING ABLE TO COST (		r)		HF	२.	MIN.
AVERAGE OF CU		FT	FT 260			PUMPIN	G OR DRED							11	20	
TOTAL AD\ THIS PEF		FT		290			PCT OF	EFFECTIVE	TIM	E			47%	_		
TOTAL AD\ PREVIOU		FT			7,310					ECTIVE WORKI				-		
TOTAL AD TO DA	-	FT				7,600	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	40
SCOWS LC	ADED	NUMBER				0	HANDLING ANCHOR LINES								0	40
AVERAGE		CY				0	CLEARING PUMP AND PUMP LINES								2	20
PER SC		SHORE PIPE 5,5	00		IERGED PIPE		CLEARING CUTTER AND SUCTION HEAD								1	15
	,			2,000				FOR SCOW							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г ————————————————————————————————————			8,580	TO AND FROM WHARF OR ANCHORAGE								0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					G NATURAL ELE					0	0
AMOUNT DRED THIS DATE	GE		10,497			9,543						,			0	0
AMOUNT PREV	IOUSLY		290,073		26	61,019		FOR BOOS							0	0
REPORTED			300,570		27	70,562	MINOR	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D						0,002			NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT	-		926.21		٤	342.03	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SUI	PPLIES				TRANSF	ERRING PLA	٩NT	BETWEEN WOR	KS				0	0
соммог	ОГТҮ	CONSUMED CREDITED								ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY QUANTITY						S AND HOLI	IDAY	YS					0	0
FUEL	BBL		4,000			0									0	0
						0 MOVING OUT OF WAY OF TRAFFIC					S)				5 0	15
ELECTRICITY	KW		0										10	10		
LUBRICANTS	GAL		10			0					42%					
MOB DATE		DREDGE START	1/01/2010	DEMC	B DATE		TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					1.1.1		21	30	
	04/01/2019	04	/01/2019				(CHARG	EABLE TO C	OST	T OF WORK)					21	30

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	R	EPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil	e Harbor	Ν	/ike Hooks, L.L.C		25				
DREDGE	Pipeline Dredge Missouri H		D	<b>ATE</b> 04/25/2019						
	ATTENDANT PLANT			LOST TIME	(NOT CHARGEABLE TO COST OF WORK					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		2	30			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		2	30			
				PERCENTAGE OF TOTAL TIME	109	6				
		TOTAL TIME IN PERIOD		24	0					

### GENERAL COMMENTS

(0%) The dredge lost 02:30 repairing/re-packing the main pump.

#### SAFETY

No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work performed	y that this Report is complete and correct a during this Reporting period are in complia st of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

		QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page {	51 of 143		
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								26
CHARACTER O REPORT	F		-		NEW WORK	K	ENV	IRONMENTA	٩L			<b>DATE</b> 04/26	/2019			
		NAME AND T Pipeline Dredg		ы						SHIFTS PER D	AY		DAYS P	PER WE	EK	_
DRED	GE	· ·	ZE	п		ЦОР	SEPOWER	•			NO	2	W MEME			7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	E JET	BUCKET				_				-
		8000		0	4000		0		0	26		4		0		30
		-			LOCAT	ION/C	HANNEL C	F WORK								
1001710		REACH DREDO	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU			
LOCATIO		204+	90 to 201-	75 Eas	st Cut		North	North Pinto 12,187					DEPUS		DA (C 2,757	Y)
01145407		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN STONE SH				•	отн	ER
CHARACT MATERIA		0 %	20 %		0 %	10 %		70 % 0 % 0 %							0 %	
CHANNEL C	CONDITION	ŀ	AVERAGE DEPTH BEF			ORE DREI	ORE DREDGING 38 AF					GING		42	2	
RIVER/		MIN	MIN 0.90 TIME 06:00 N			MAX	IAX 2.30 TIME 18:00					ATION E	Electron	ic Gag	е	
STAG	GE	MIN	0 TIME 00:00 M			MAX	AX 0 TIME 00:00				GE DATI	JM N	MLLW			
		WEATHER	<u> </u>   Т			TEMP (min/	/max)	VIS	BILITY	WIN	ND					
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			61 °F	/ 79 °F		3 MI		NNW @	) 10 TO 1	5 MPH		
		WORK PERFOR	RMED							DISTRIBL		F WOR	K			
ITEM	1	UNIT			QUANTITY									HF	र.	MIN.
AVERAGE OF CU		FT		250			(CHARGEABLE TO COST OF WORK) PUMPING OR DREDGING								14	0
TOTAL AD\ THIS PEF		FT		315			PCT OF I	EFFECTIVE	TIM	E			58%	-		
TOTAL AD\ PREVIOU		FT		7,600						ECTIVE WORKI				-		
TOTAL AD TO DA	-	FT		7,915 <sub>F</sub>			HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			1	30
SCOWS LC	DADED	NUMBER				C	HANDLING ANCHOR LINES								0	20
AVERAGE PER SC		CY				C	CLEARING PUMP AND PUMP LINES								2	20
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM 2.000	IERGED PIPE			FOR SCOW		SUCTION HEAD	)				1	25
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г	2,000		9,060				OR ANCHORAGE					0	0
		00000					CHANGING LOCATION OF PLANT ON JOB								0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DU		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		12,187			11,079	SHORE L	LINE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		300,570		27	70,562	WAITING	FOR BOOS	TER	8					0	0
TOTAL AMOUN DREDGED TO D			312,757		28	31,641	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		870.50			791.36	-	FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR	OPERATING SU					PREPAR								0	0
		OPERATING SUP								BETWEEN WOR	KS				0	0
СОММОЕ		CONSUME	D		CREDITED										0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		SUNDAYS AND HOLIDAYS							0	0	
FUEL	BBL		2,382			C	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC						2	25		
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0		
LUBRICANTS	GAL		10			0								8	0	
MOB DATE	-	DREDGE START		DEMC	DB DATE	-		NON-EFFEC					33%			
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								22	0		

	F	PAGE NO.	Page 52 of 143						
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Maintenance Dredging of Mobile Harbor         Mike Hooks, L.L.C							
DREDGE	Pipeline Dredge Missouri H	1	DATE 04/26/2019						
	ATTENDANT PLANT	LOST TIME	(NOT C	HARGEABLE TO COS	ST OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		2	0		
				TOTAL LOST TIME		2	0		
				PERCENTAGE OF TOTAL TIME	8%				
				TOTAL TIME IN PERIOD		24	0		

## GENERAL COMMENTS

(0%) The dredge lost 02:00 re-packing the main pump.

#### SAFETY

Repairing or replacing items to correct minor deficiencies. No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work performe	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and naterial used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE								

	QUALITY CONTROL REPORT-BUCKET/PIPELINE											Page {	53 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	RT NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								27
CHARACTER O REPORT	F	X MAINTE	-		NEW WORK	(	ENV	IRONMENT	٩L			<b>DATE</b> 04/27	7/2019			
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER				NO	2				7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	 AL
			BUCKET		PUMP	PIPE	IJET	BUCKET								
		8000		0	4000		0		0	26		4		0		30
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STAT	TION T	O STATION	DISF	POSAL AREA USED QTY DEPOSITED GROSS (CY)				D		CUMML DEPOS			
WOR			201+75 to	197+8	0		North	Pinto			492				1,249	17
CHARACT		GRAVEL	SAND		CLAY	MUC	)	SILT		HARDPAN STONE SHELL					отн	ER
MATERIA		0 %					, 0	70 %		0 %		0 %				
CHANNEL O	CONDITION	ļ	AVERAGE DEPTH BEF				ORE DRE	DGING		38.70	AFTE	R DRED	GING		42	2
RIVER/		MIN	MIN 0.80 TIME 03:00 M			MAX	2.30	тім	1E 17	:00 GA	GE LOC	ATION E	Electron	ic Gag	e	
STAC	GE	MIN	MIN 0 TIME 00:00 M				MAX	0	тім	1E 00	:00 GA	GE DATI	UM N	ЛLLW		
		WEATHER	WEATHER T				TEMP (min/	/max)	VIS	BILITY	1W	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			60 °F .	/ 77 °F		5 MI		S 5-10	MPH			
		WORK PERFO	RMED							DISTRIBL		F WOR	۲	1		
ITEN	1	UNIT			QUANTITY									HF	२.	MIN.
AVERAGE OF CL		FT	Т 220				PUMPIN	G OR DRED		ABLE TO COST ( G		(1)			12	15
TOTAL AD THIS PER		FT		395			·	EFFECTIVE	TIM	E			51%	_		
TOTAL AD PREVIOU		FT		7,915										-		
TOTAL AD TO DA	-	FT		8,310			HANDLIN	(CHA		EABLE COST OF	WORK	.)			0	55
SCOWS LC	DADED	NUMBER				0	HANDLING ANCHOR LINES								0	30
AVERAGE PER SC		CY				0									2	0
FLOATING PIPE		SHORE PIPE 5,5	00	SUBM 2.000	IERGED PIPE		CLEARING CUTTER AND SUCTION HEAD								1	35
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г	2,000		9,180				OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
							LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	MENTS	6			0	0
AMOUNT DRED THIS DATE	GE		11,492		1	10,447	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		312,757		28	31,641	WAITING	FOR BOOS	TER	R					0	0
TOTAL AMOUN DREDGED TO D			324,249		29	92,088		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		938.12		6	352.82									0	0
PUMPING/CUT1		OPERATING SU	PPLIES							KING UP TOW	KS				0	0
соммог		CONSUME								ID SATURDAYS					0	0
		CONSOME			OREDITED		SUNDAYS AND HOLIDAYS			/S					0	0
ITEM	UNIT	QUANTITY	(		QUANTITY		FIRE DRILL							0	0	
FUEL	BBL		4,714			0	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							3	50	
ELECTRICITY	ĸw		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0		
LUBRICANTS	GAL		10			0	TOTAL NON-EFFECTIVE TIME							8	50	
MOB DATE		DREDGE START	TART DEMOB DATE				NON-EFFEC					37%		-		
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								21	5		

	AGE NO.	Page 54 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil			27					
DREDGE	Pipeline Dredge Missouri H	C	0 <b>ATE</b> 04/27/2019						
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)		
ITEM	NAME OR NUMBER	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	55		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		2	0		
				TOTAL LOST TIME		2	55		
			PERCENTAGE OF TOTAL TIME	%					
				TOTAL TIME IN PERIOD   24					

### GENERAL COMMENTS

(0%) The dredge lost 02:55 taking on fuel and re-packing the main pump.

#### SAFETY

Repairing or replacing items to correct minor deficiencies. No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work perform	ertify that this Report is complete and correct ned during this Reporting period are in comp a best of my knowledge, except as noted abov	iance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 5	5 of 143			
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								28
CHARACTER O REPORT	F		-		NEW WORK	ζ.	ENV	IRONMENTA	٩L			<b>DATE</b> 04/28	/2019			
		NAME AND T Pipeline Dredg		: <b>ப</b>						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE	-	ZE			HOR	SEPOWER	,			NO		W MEMB	ERS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	IJET	BUCKET								
		8000		0	4000		0		0	28		4		0		32
					LOCAT	ION/C	HANNEL OF WORK									
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU DEPOSI			
WOR			197+80 to	195+0	5		North	Pinto		5,4				9,704	.,	
CHARACT		GRAVEL	SAND		CLAY	MUC	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	25 %		0 %	15 %	0	60 %         0 %         0 %         0 %								
CHANNEL C	CONDITION	1	AVERAGE DEPTH BEFC				ORE DRE	DGING	-	38.70	AFTE	R DRED	GING		42	2
RIVER/		MIN	MIN 1 TIME 08:00 M			MAX	1.60	тім	1E 00	:00 GA	GE LOC	ATION E	lectron	ic Gag	e	
STAG	<b>GE</b>	MIN 0 TIME 00:00 M				MAX	AX 0 TIME 00:00 GAGE DATUM 1						1LLW			
	WEATHER 1				TEMP (min/	/max)	VIS	BILITY	IW	ND						
WEATHER CO	ONDITION	Weather Cau	er Caused No Delay				59 °F .	/ 79 °F		4 MI	MPH					
		WORK PERFO	RMED							DISTRIBL		FWOR	K	1		
ITEM		UNIT			QUANTITY		4			CTIVE WORKING ABLE TO COST (		2K)		HF	R.	MIN.
AVERAGE OF CU		FT	150				PUMPIN	G OR DRED							8	25
TOTAL AD\ THIS PEF		FT		275			PCT OF I	EFFECTIVE	TIME	E			35%			
TOTAL AD\ PREVIOU		FT		8,310						ECTIVE WORKI				-		
TOTAL AD TO DA	-	FT			8,585			(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	35
SCOWS LC	DADED	NUMBER				0	HANDLING ANCHOR LINES								0	20
AVERAGE PER SC		CY				0	CLEARING PUMP AND PUMP LINES								1	20
FLOATING PIPE		SHORE PIPE 5,5	00		IERGED PIPE					SUCTION HEAD	0				0	15
TOTAL LENGTH				2,000		9 540	WAITING FOR SCOWS 0 TO AND FROM WHARF OR ANCHORAGE								0	0
						0,040				F PLANT ON JO					0	55
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		5,455			4,959	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		324,249		29	92,088	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			329,704		29	97,047	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		648.12			589.19		FOR ATTE							0	0
PUMPING/CUTT	TING HR	OPERATING SUI					PREPAR								2	15
		OPERATING SUI								BETWEEN WOR	KS				0	0
СОММОЕ	ОІТҮ	CONSUME	D		CREDITED										0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		SUNDAYS AND HOLIDAYS								0	0
FUEL	BBL		3,660			0	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC						9	55		
ELECTRICITY	ĸw		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0		
LUBRICANTS	GAL		54			0	TOTAL NON-EFFECTIVE TIME							15	35	
MOB DATE		DREDGE START		DEMC	DB DATE					65%						
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								24	0		

	PAGE NO. Page 56 of 143								
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	e Harbor	N	like Hooks, L.L.C					
DREDGE	Pipeline Dredge Missouri H			<b>DATE</b> 04/	E /28/2019				
	ATTENDANT PLANT			LOST TIME	OST TIME (NOT CHARGEABLE TO COST OF WC				
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN	
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0	
Tender	Ashley	250	24:00	CESSATION			0	0	
Tender	Grayson	500	24:00	COLLISIONS			0	0	
				MISCELLANEOUS			0	0	
				TOTAL LOST TIME			0	0	
				PERCENTAGE OF TOTAL TIME	0%	%			
			TOTAL TIME IN PERIOD 24						

### GENERAL COMMENTS

(70%) 8:55 for traffic (stand by due to Drilling Rig being towed into the harbor going pass the dredging area) The East cut was completed at 11:00 hours.

#### SAFETY

Repairing or replacing items to correct minor deficiencies. No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work perforn	ertify that this Report is complete and correct ned during this Reporting period are in comple best of my knowledge, except as noted above	iance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	age 5	57 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F0624	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								29
CHARACTER O REPORT	F		NANCE			ĸ	ENV	IRONMENT	۹L			<b>DATE</b> 04/29	/2019			
										SHIFTS PER D	AY		DAYS PI	ER WE	EK	
DRED	GE	Pipeline Dredg	e Missouri ZE	Н							NO	2		-00		7
		PIPELINE	DIPPER		DREDGE	SU	RSEPOWER CTION	CUTTER O	R	DREDGE	SHORE		W MEMB	=R5	TOTA	 \
			BUCKET		PUMP	PIP	EJET	BUCKET				_				_
		8000		0	4000		0		0	28		4		0		32
					LOCAT	ION/O	CHANNEL C	F WORK								
LOCATIO		REACH DREDO	GED; STA	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU			
WOR		231+7	'5 to 232+:	30 (we	st cut)		North	North Pinto 3,921							625	.,
CHARACT		GRAVEL	SAND		CLAY	мυ	D	SILT		HARDPAN		SHELL		отн	ER	
MATERIA		0 %	25 %		0 %	15 '	%	60 %		0 %	0 %		0 %			
CHANNEL O	CONDITION	ŀ	AVERAGE DEPTH BEFC			FORE DREI	DRE DREDGING 42 AF					GING		47	,	
RIVER/	TIDE	MIN 1 TIME 08:00 M			MAX	1.60	GE LOC	ATION E	ectroni	c Gag	e					
STAC		MIN	MIN 0 TIME 00:00 M			MAX					GE DATI	JM M	LLW			
		WEATHER					TEMP (min/	(max)	VIS	SIBILITY	1W	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			64 °F	/ 78 °F		4 MI		South @	010 MPH	I		
		WORK PERFOR	RMED							DISTRIBL			(			
ITEN	1	UNIT			QUANTITY									HF	<u>ا</u> .	MIN.
AVERAGE OF CL		FT				35		G OR DRED		ABLE TO COST ( G		(K)			3	50
TOTAL AD THIS PER		FT			55			EFFECTIVE	ТІМІ	E			16%			
TOTAL AD PREVIOU		FT		8,585												
TOTAL AD TO DA		FT			8,640			IG PIPE LINI		EABLE COST OF	WORK	.)			0	0
SCOWS LC	DADED	NUMBER					HANDLING ANCHOR LINES								0	0
AVERAGE PER SC		CY					CLEARING PUMP AND PUMP LINES								0	0
FLOATING PIPE	1,120	SHORE PIPE 5,5	00	SUBN	IERGED PIPE	0		FOR SCOV		D SUCTION HEAL	J				0	0
TOTAL LENGTH	I OF DISCHAI	RGE PIPE F	r			6,62	0 TO AND	FROM WHA	RF (	OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
							LOSS DU	JE TO OPPC	SIN	IG NATURAL ELE	EMENTS	6			0	0
AMOUNT DRED THIS DATE	GE		3,921			3,56	<sup>5</sup> SHORE L	INE AND SH	HOR	RE WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		329,704		2	97,04	7 WAITING	FOR BOOS	STER	र					0	0
TOTAL AMOUN DREDGED TO D			333,625		3	00,61	2 MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,022.87			930.0	0	FOR ATTE							0	0
PUMPING/CUT1	ING HR	OPERATING SU	PPLIES				<b>-</b>			KING UP TOW					0	0
		OPERATING SUPPLIES			_			ID SATURDAYS					0	0		
СОММО		CONSUME	D		CREDITED			S AND HOL							0	0
ITEM	UNIT	QUANTITY	(		QUANTITY		FIRE DRILL								0	0
FUEL	BBL		1,110				<sup>0</sup> MOVING	OUT OF WA	AY O	OF TRAFFIC					2	50
ELECTRICITY	KW		0				0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0
LUBRICANTS	GAL		10				TOTAL NON-EFFECTIVE TIME								2	50
MOB DATE	-	DREDGE START		DEMC	DB DATE		PCT. OF NON-EFFECTIVE 12%					12%				
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								6	40	

	PA	GE NO.	Page 58 of 143						
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobi			29					
DREDGE	Pipeline Dredge Missouri H	<b>DA</b> 0	<b>TE</b> 4/29/2019						
	ATTENDANT PLANT			LOST TIME	T TIME (NOT CHARGEABLE TO COST OF WO				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		15	30		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		1	50		
				TOTAL LOST TIME		17	20		
				PERCENTAGE OF TOTAL TIME	72%				
				TOTAL TIME IN PERIOD     24					

#### GENERAL COMMENTS

MOR: (0%) 15:30 Disassemble the main pump. MISC: (0%) 1:50 Wash out pipeline and move the dredge to Pinto Island (landing area) for repairs to the main pump.

#### SAFETY

Repairing or replacing items to correct minor deficiencies. Observed the crew disassemble the main pump. No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work perform	rtify that this Report is complete and correct a red during this Reporting period are in complia best of my knowledge, except as noted above	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 5	9 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	V9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								30
CHARACTER O REPORT	F		-		NEW WOR	K	ENV	IRONMENTA	۸L			<b>DATE</b> 04/30	/2019			
										SHIFTS PER D	AY		DAYS PE	ER WE	EK	_
DRED	GE	Pipeline Dredg	ZE	н			RSEPOWER	1			NO	2	W MEMBI	-00		7
		PIPELINE	DIPPER		DREDGE	SU	CTION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIF	PE JET	BUCKET					-			
		8000		0	4000		0		0	30		0		0		30
					LOCAT	TION/	CHANNEL C	F WORK								
LOCATIO		REACH DREDO	GED; STAT	TION T	O STATION	DIS	SPOSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMUI DEPOSI			
WOR		N	o work pe	erforme	əd					(	)				625,6	17
CHARACT		GRAVEL	SAND		CLAY	ми	ID	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	0 %		0 %	0 %	0	0 %	0% 0%						100 %	6
CHANNEL C	ONDITION	ŀ	AVERAGE DEPTH BEFO				FORE DREI	DGING		0	AFTE	R DRED	GING		0	
RIVER/	TIDE	MIN	MIN 0 TIME 00:00 M			МАХ	AAX 0 TIME 00:00 GAGE LOCATIO									
STAG	<b>BE</b>	MIN	0 TIME 00:00 M				MAX	0	TIM	1E 00	:00 GA	GE DATI	JM			
		WEATHER	THER TI				TEMP (min/	/max)	VIS	IBILITY	WI	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	· · · · · · · · · · · · · · · · · · ·				/ 82 °F		4 MI		ESE @	5 to 10 M	РΗ		
		WORK PERFOR	RMED							DISTRIBL		FWOR	(			
ITEM		UNIT			QUANTITY		_			TIVE WORKING		YK)		HF	R.	MIN.
AVERAGE OF CU		FT		(CHARGEABLE TO COST C <sup>0</sup> PUMPING OR DREDGING									0	0		
TOTAL AD\ THIS PEF		FT				0 PCT OF I	EFFECTIVE	TIME	E			0%		•		
TOTAL AD PREVIOU		FT		8,640 -				R (IN LINE)	EFF	ECTIVE WORKI	NG TIM	=				
TOTAL ADV TO DA	-	FT								EABLE COST OF	WORK	)			0	0
SCOWS LC		NUMBER					0 HANDLIN	DLING ANCHOR LINES							0	0
AVERAGE	LOAD	СҮ					CLEARING PUMP AND PUMP LINES								0	0
PER SC							°	IG CUTTER	AND	SUCTION HEAD	)				0	0
FLOATING PIPE	0	SHORE PIPE 0		SUBM	IERGED PIPE	0	WAITING	WAITING FOR SCOWS							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	r				°			OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED					OF PLANT ON JO					0	0
AMOUNT DRED THIS DATE	GE		0				0					•			0	0
AMOUNT PREV	IOUSLY		333,625		3	300,61		FOR BOOS							0	0
REPORTED	г		333,625			300,61				PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			555,025			500,01			NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT	-		NA			N	A PREPAR	ATION AND	MAk	KING UP TOW					0	0
		OPERATING SUP	PPLIES				TRANSF	ERRING PLA	NT	BETWEEN WOR	KS				0	0
СОММОЕ	DITY	CONSUME	CONSUMED CREDITED			LAY TIME	E OFF SHIFT	- AN	D SATURDAYS					0	0	
ІТЕМ	UNIT	QUANTITY	(		QUANTITY		SUNDAYS AND HOLIDAYS								0	0
														0	0	
FUEL	BBL		0											0	0	
ELECTRICITY	KW		0				0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		0											0	0	
MOB DATE		DREDGE START						0%		-						
04/01/2019 04/01/2019				TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								0	0			

	PA	GE NO.	Page 60 of 143						
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobi			30					
DREDGE	Pipeline Dredge Missouri H		<b>TE</b> )4/30/2019						
	ATTENDANT PLANT			LOST TIME	LOST TIME (NOT CHARGEABLE TO COST OF W				
ITEM	NAME OR NUMBER	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		24	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		24	0		
				PERCENTAGE OF TOTAL TIME	6				
			TOTAL TIME IN PERIOD		24	0			

### GENERAL COMMENTS

MOR: (0%) 24:00 Replacing the main pump

#### SAFETY

Repairing or replacing items to correct minor deficiencies. Observed the crew disassemble the main pump. No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work perform	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and naterial used and work performed during this Reporting period are in compliance with the contract lans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

QUALITY CONTROL REPORT-BUCKET/PIPELINE											Page 6	1 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	V9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoc	oks, L.L.C								31
CHARACTER O REPORT	F		NANCE		NEW WOR	К	ENV	IRONMENTA	٩L			<b>DATE</b> 05/01	/2019			
										SHIFTS PER D	۹Y		DAYS PI	ER WE	EK	
DRED	GE	Pipeline Dredg		Н								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		RSEPOWER CTION	CUTTER O	R	DREDGE	NO. SHORE		W MEMB	ERS	тоти	1
			BUCKET		PUMP	PIP	E JET	BUCKET		DICEDOL	ONOR	-	OTTIER		1017	
		8000		0	4000		0		0	30		0		0		30
					LOCAT	TION/0	CHANNEL C	F WORK								
		REACH DREDO	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMMU			
LOCATIC			Down for	repairs			North	GROSS (CY) North Pinto 0					DEPOSI		DA (C 3.625	Y)
01145407		GRAVEL	SAND		CLAY	ми		SILT		HARDPAN STONE SHELL					отн	ER
CHARACT MATERIA		0 %	0 %		0 %	0 %		0 %		0 % 0 % 0 % 100 %						
CHANNEL C	CONDITION	ŀ	AVERAGE DEPTH BEF				FORE DRE	DGING		0	AFTE	R DRED	GING		0	
RIVER/	TIDE	MIN	0 TIME 00:00 N				MAX	0	TIM	IE 00:	:00 GA	GE LOC	ATION			
STAG	θE	MIN	0	ТІМЕ	(	00:00	MAX	0	ТІМ	1E 00:	:00 GA	GE DATI	JM			
		WEATHER					TEMP (min			IBILITY	WIN		-			
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			66 °F	/ 82 °F		МІ		SSE@	5 to 10 MF	РΗ		
		WORK PERFOR	RMED							DISTRIBU		FWOR	K			
ITEM	l	UNIT			QUANTITY					TIVE WORKING				HF	र.	MIN.
AVERAGE OF CU		FT					G OR DRED		ABLE TO COST ( G	DF WOR	K)			0	0	
TOTAL AD\ THIS PEF		FT				EFFECTIVE	TIME	=			0%					
TOTAL AD PREVIOU		FT		BOOSTER (IN LINE) 8,640 NON-EFFECTIVE WORKING T												
TOTAL AD TO DA	-	FT		(CHARGEABLE COST OF WO 8,640 HANDLING PIPE LINES				WORK	)			0	0			
SCOWS LC	DADED	NUMBER						NG ANCHOR	LIN	ES					0	0
AVERAGE PER SC		CY					0	IG PUMP AN							0	0
FLOATING PIPE		SHORE PIPE 0		SUBM	IERGED PIPE	0		G CUTTER		SUCTION HEAD	)				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г							OR ANCHORAGE	:				0	0
		0.0000			00501750		CHANGI	NG LOCATIC	DN O	F PLANT ON JO	В				0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		0				<sup>0</sup> SHORE I	LINE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		333,625		3	300,61	2 WAITING	FOR BOOS	TER						0	0
TOTAL AMOUN DREDGED TO D			333,625		3	300,61	2			PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		NA			N	A	FOR ATTEN							0	0
PUMPING/CUTT	ING HK	OPERATING SU	PPLIES							KING UP TOW	KS				0	0
соммог									D SATURDAYS					0	0	
COMMOL		CONSUMED CREDITED			SUNDAY	S AND HOLI	DAY	′S					0	0		
ITEM	UNIT	QUANTITY	(	QUANTITY			FIRE DR								0	0
FUEL	BBL		150			<sup>0</sup> MOVING	OUT OF WA	Y O	FTRAFFIC					0	0	
ELECTRICITY	KW		0			0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0		
LUBRICANTS	GAL		0			TOTAL NON-EFFECTIVE TIME							0	0		
MOB DATE		DREDGE START DEMOB DATE					NON-EFFEC					0%				
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								0	0	

	PA	GE NO.	Page 62 of 143						
CONTRACT NO.	CONTRACT TITLE Maintenance Dredging of Mobile			ONTRACTOR	RE	PORT NO.	-		
W9127818D0103 W9127818F0624			31						
DREDGE	Pipeline Dredge Missouri H			<b>TE</b> 05/01/2019					
	ATTENDANT PLANT			LOST TIME (NOT CHARGEABLE TO COST OF					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		24	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		24	0		
				PERCENTAGE OF TOTAL TIME	100%	6			
			TOTAL TIME IN PERIOD 24						

### GENERAL COMMENTS

MOR: (0%) 24:00 Continue Replacing the main pump

#### SAFETY

Repairing or replacing items to correct minor deficiencies. Observed the crew disassemble the main pump. No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work performed of	that this Report is complete and correct a luring this Reporting period are in compli- t of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 6	63 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	bile Harbor		Mike Hoo	ks, L.L.C								32
CHARACTER O REPORT	F					ζ.	ENV	IRONMENTA	٩L			<b>DATE</b> 05/02	2/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE			ЦОР	SEPOWER				NO	2	W MEMB	EDS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL
			BUCKET		PUMP	PIPE	E JET	BUCKET								
		8000		0	4000		0		0	30		4		0		34
					LOCAT	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL AREA USED QTY DEPOSITED GROSS (CY)				ED		CUMMU DEPOSI			
WOR		232+2	25 to 232+	50 (we	st cut)		North	North Pinto 1,833							5, <b>458</b>	.,
CHARACT		GRAVEL	SAND	-	CLAY	MUC	)	SILT		HARDPAN	,					ER
MATERIA		0 %					0	60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	, A	AVERAGE DEPTH BEF				ORE DRE	DGING		42	AFTE	R DRED	GING		47	7
RIVER/		MIN	1.20 TIME 19:00 N				MAX	1.50	тім	/IE 00	:00 GA	GE LOC	ATION E	lectron	ic Gag	e
STAC	GE	MIN	0	TIME	0	0:00	MAX	0	тім	/E 00	:00 GA	GE DATI	JM N	1LLW		
		WEATHER					TEMP (min/	max)	VIS	SIBILITY	WI	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	elay			67 °F	/ 81 °F		3 MI		E @ 5 t	o 10 MPH	ł		
		WORK PERFO	RMED							DISTRIBL		F WOR	(			
ITEM	1	UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		N()		HF	۶.	MIN.
AVERAGE OF CL		FT	FT 365				PUMPIN	G OR DRED				(K)			2	35
TOTAL AD THIS PEF		FT				·	EFFECTIVE	TIM	E			11%	-			
TOTAL AD PREVIOU	-	FT			8,640 BOOSTER (					ECTIVE WORKI						
TOTAL AD TO DA		FT			(CHARGEABLE COST OF V 8,665 HANDLING PIPE LINES					WORK	.)			0	0	
SCOWS LC	DADED	NUMBER				0	HANDLIN	NDLING ANCHOR LINES							0	0
AVERAGE		CY				0	CLEARING PUMP AND PUMP LINES								0	0
PER SC			00	SUDM		0				SUCTION HEAD	)				0	0
	,	SHORE PIPE 5,5		30610	IERGED PIPE		-	FOR SCOW							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	[			6,620				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					G NATURAL ELE					0	0
AMOUNT DRED THIS DATE	GE		1,833			1,667	,	INE AND SH							0	0
AMOUNT PREV	IOUSLY		333,625		30	0,612	-	FOR BOOS							0	0
REPORTED			335,458		30	)2,279	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			,			-,		FOR ATTE	NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT			709.55		6	645.29	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SUI	OPERATING SUPPLIES				TRANSF	ERRING PLA	٩NT	BETWEEN WOR	KS				0	0
СОММОЕ	ΟΙΤΥ	CONSUMED CREDITED								ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	QUANTITY QUANTITY				FIRE DR	S AND HOLI	IDAY	rs					0	0
FUEL	BBL		462	L				AY O	OF TRAFFIC					2	25	
ELECTRICITY	КW		0			0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0		
LUBRICANTS	GAL		10			n	TOTAL NON-EFFECTIVE TIME							2	25	
MOB DATE		DREDGE START	10	DEMO	DB DATE		·	NON-EFFEC	CTIV	Έ			10%			
	04/01/2019		4/01/2019				-			NON-EFFECTIV T OF WORK)	E TIME		•		5	0

	PA	PAGE NO. Page 64 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	N	like Hooks, L.L.C	32					
DREDGE	Pipeline Dredge Missouri H		DA C	<b>TE</b> 5/02/2019					
	ATTENDANT PLANT			LOST TIME	LOST TIME (NOT CHARGEABLE TO COST OF				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		19	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		19	0		
				PERCENTAGE OF TOTAL TIME	79%				
			TOTAL TIME IN PERIOD 24						

### GENERAL COMMENTS

MOR: (0%) 19:00 Completed replacing the main pump, move dredge to location, and prep. to start dredging.

#### SAFETY

Repairing or replacing items to correct minor deficiencies. Observed the crew reassemble the new main pump, move dredge to location, prep. to start dredging, and move dredge to pass ship traffic No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work performed	fy that this Report is complete and correct a I during this Reporting period are in complia est of my knowledge, except as noted above	ince with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 6	5 of 143				
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.		-	
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								33
CHARACTER O REPORT	F		NANCE			<	ENV	IRONMENT	٩L			<b>DATE</b> 05/03	/2019			
										SHIFTS PER D	۹Y		DAYS PE	ER WE	EK	
DRED	GE	Pipeline Dredg		I H			05001/50					2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEMBI	-85	TOT	21
			BUCKET		PUMP	PIPE	EJET	BUCKET		DILEDGE	onora	-	OTTIER		1017	
		8000		0	4000		0		0	30		4		0		34
			1		LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMMU			
LOCATIC		232+5	0 to 235+	10 (we	st cut)		North	GROSS (CY) North Pinto 28,060					DEPOSI		DA (C 5,518	Y)
01145407		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN STONE SHELL					отн	ER
CHARACT MATERIA		15 %	25 %		0 %	0 %		60 %	0 % 0 % 0 %						0 %	
CHANNEL C	CONDITION	ŀ	AVERAGE DEPTH BEF				ORE DREI	DGING		40	AFTE	R DRED	GING		47	7
RIVER/	TIDE	MIN	MIN 1 TIME 22:00 M				MAX	1.90	тім	1E 16	:00 GA	GE LOC	ATION E	ectroni	c Gag	e
STAG	θE	MIN	MIN 0 TIME 00:00 M				MAX	0	тім	1E 00	:00 GA	GE DATI	JM M	LLW		
		WEATHER					TEMP (min/	/max)	VIS	BILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	elay			70 °F	/ 82 °F		3 MI		Variable	e @ 5 MPF	ł		
		WORK PERFOR	RMED							DISTRIBL		F WOR	۲ <u>ــــــــــــــــــــــــــــــــــــ</u>			
ITEM	1	UNIT			QUANTITY									HR	ł.	MIN.
AVERAGE OF CU		FT				365		G OR DRED		ABLE TO COST ( G		(K)			13	50
TOTAL AD\ THIS PEF		FT			260			EFFECTIVE	TIM	E			58%			
TOTAL AD\ PREVIOU		FT			8,665											
TOTAL AD\ TO DA	-	FT				8,925		IG PIPE LINI		GEABLE COST OF WORK)					0	0
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	ES					0	25
AVERAGE PER SC		CY				C	)			-					1	30
FLOATING PIPE	1,120	SHORE PIPE 5,5	00	SUBN	IERGED PIPE	0		FOR SCOV		SUCTION HEAD					1	30
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			6,620	TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
							LOSS DU	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		28,060		2	25,510	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		335,458		30	02,279	WAITING	FOR BOOS	TER	R					0	0
			363,518		32	27,789		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D							-	FOR ATTE		NT PLANT					0	0
PUMPING/CUTT	-		2,028.43		1,8	844.10	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SUP	PPLIES				TRANSF	ERRING PLA	ANT	BETWEEN WOR	KS				0	0
СОММОЕ	ΟΙΤΥ	CONSUME	D		CREDITED		LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	,		QUANTITY			S AND HOLI	IDAY	/S					0	0
FUEL	BBL		2,492				FIRE DR								0	0
	DDL			92 0										6 0	45	
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	
LUBRICANTS	GAL		10 0-				0					400%		10	10	
MOB DATE		DREDGE START DEMOB DATE				PCT. OF NON-EFFECTIVE 42% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					42%		_			
	04/01/2019	04	/01/2019							T OF WORK)					24	0

	PAGE NO. Page 66 of 143								
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	like Hooks, L.L.C				33			
DREDGE	Pipeline Dredge Missouri H			<b>DATI</b> 05/	E /03/2019				
	ATTENDANT PLANT			LOST TIME	(NOT (	CHAR	RGEABLE TO COS	T OF WORK)	
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN	
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0	
Tender	Ashley	250	24:00	CESSATION			0	0	
Tender	Grayson	500	24:00	COLLISIONS			0	0	
				MISCELLANEOUS			0	0	
				TOTAL LOST TIME			0	0	
				PERCENTAGE OF TOTAL TIME	0	%			
			TOTAL TIME IN PERIOD 24						

### GENERAL COMMENTS

Dredging production has increased since dredging south bound (with the strong current).

#### SAFETY

Repairing or replacing items to correct minor deficiencies. Observed the crew move dredge to pass ship traffic, shift swing anchors, clean the pump and the cutter No accidents or incidents to report.

CONTRACTOR CERTIFICATION	material used and work performe	tify that this Report is complete and correct a ed during this Reporting period are in complia best of my knowledge, except as noted above	ince with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	age f	67 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA		REPOR	T NO.						
W9127818D0103 V	W9127818F0624	Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	oks, L.L.C								34
CHARACTER O REPORT	F				NEW WOR	к	ENV	IRONMENT	٩L			DATE 05/04/2019				
		NAME AND T Pipeline Dredg		: <b>ப</b>						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE		IZE			HOE	SEPOWER	,			NO		W MEMB	FRS		7
		PIPELINE	DIPPER		DREDGE	SUC	CTION	CUTTER O	R	DREDGE	SHOR		OTHER		TOTA	۹L
			BUCKET		PUMP	PIP	E JET	BUCKET								
		8000		0	4000		0		0	28		4		0		32
					LOCAT	TION/C	HANNEL C	OF WORK								
LOCATIO	ON OF	REACH DRED	GED; STA	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOSI			
WOR		235+1	10 to 238+	90 (we:	st cut)		North	North Pinto 20,270							6,788	
CHARACT	TER OF	GRAVEL	SAND		CLAY	MU		SILT		HARDPAN	=	SHELL		OTH	ER	
MATERIA		0 %	25 %		0 %	15 %		60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	,	AVERAGE DEPTH BEFC				FORE DREI	DGING	-	43.30	AFTE	R DRED	GING		47	,
RIVER/	TIDE	MIN	MIN 0.90 TIME 22:00 M				MAX	AX 2.30 TIME 16:00 GAGE LOCATIO						lectroni	c Gag	е
STAG		MIN	0			00:00	ΜΔΥ	0	ТІМ	1E 00	:00 GA	GE DATI		1LLW		
		WEATHER					TEMP (min/	-			WI					
WEATHER CO	ONDITION	Weather Cau	sed No De	elay				/ 79 °F		4 MI			to 15 to 2	0 MPH		
		WORK PERFO	RMED							DISTRIBL			K			
ITEM	1	UNIT			QUANTITY					CTIVE WORKING				HR	٤.	MIN.
AVERAGE OF CU		FT				35		(CHAR G OR DRED		ABLE TO COST ( G	DF WOF	<b>(</b> Κ)			14	50
TOTAL AD\ THIS PEF		FT						EFFECTIVE	TIM	E			62%			
TOTAL AD\ PREVIOU		FT			8,925											
TOTAL AD\ TO DA		FT				9,30	5 HANDLIN			EABLE COST OF	WORK	.)			0	40
SCOWS LC	DADED	NUMBER						NG ANCHOR	LIN	ES					0	30
AVERAGE PER SC		CY				(	0			UMP LINES					0	40
FLOATING PIPE	1,680	SHORE PIPE 5,5	00	SUBM	IERGED PIPE	0		FOR SCOV		SUCTION HEAD					0	45
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			7,18	D TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	ON C	OF PLANT ON JO	В				0	0
							LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	EMENTS	6			0	0
AMOUNT DRED THIS DATE	GE		20,270			18,42	7 SHORE L	LINE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		363,518		3	827,78	9 WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN			383,788		3	346,21		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D								FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT			1,366.52		1,	,242.2	7 PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SU	PPLIES				TRANSF	ERRING PLA	٩NT	BETWEEN WOR	KS				0	0
СОММОЕ	ОІТҮ	CONSUME	D		CREDITED		LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
ІТЕМ	UNIT	QUANTITY	(		QUANTITY			'S AND HOL	IDAY	/S					0	0
FUEL	PDI		3,164				FIRE DR								0	0
FUEL	BBL		3,104				MICOFU				<u></u>				6	35
ELECTRICITY	KW		0			(					3)				0	0
LUBRICANTS	GAL		10		_	(	0	ION-EFFECT							9	10
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC		E NON-EFFECTIV			38%			
04/01/2019 04/01/2019					-			T OF WORK)					24	0		

	P/	PAGE NO. Page 68 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RI	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mob	ile Harbor	like Hooks, L.L.C			34			
DREDGE	Pipeline Dredge Missouri H				<b>ATE</b> 05/04/2019				
	ATTENDANT PLANT			LOST TIME (NOT CHARGEABLE TO COST O					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		0	0		
				PERCENTAGE OF TOTAL TIME	0%				
			TOTAL TIME IN PERIOD 24						

### GENERAL COMMENTS

Dredging production has increased since dredging south bound (with the strong current).

#### SAFETY

Repairing or replacing items to correct minor deficiencies. Observed the crew move dredge to pass ship traffic, shift swing anchors, clean the pump and the cutter No accidents or incidents to report.

Night Shift: Ensure all equipment is properly illuminated during night operations. Service all tenders and derrick. No accidents or injuries to report.

CONTRACTOR CERTIFICATION	material used and work perform	ertify that this Report is complete and corr ned during this Reporting period are in co best of my knowledge, except as noted a	npliance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIAL	S DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	Page 6	i9 of 143					
CONTRACT NO	•	CONTRACT T	CONTRACT TITLE				CONTRA	CTOR				REPORT NO.				
W9127818D0103	N9127818F062	4 Maintenance	Maintenance Dredging of Mobile Harbor					Mike Hooks, L.L.C					35			
CHARACTER O REPORT	F										<b>DATE</b> 05/05	/2019				
										SHIFTS PER D	AY		DAYS PE	ER WE	EK	
DREDGE		Pipeline Dredg		н								2		- 00		7
		PIPELINE			DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEMBI	ERS	тот	<u></u>
			BUCKET		PUMP	PIPI	E JET	BUCKET		DIVEDUE	ONOR	-	OTTIER		1017	
		8000		0	4000		0		0	28		4		0		32
					LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED: STAT		O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMMUI			
LOCATIO		238+0	0 to 242+9	90 (wo	st cut)		North	Pinto		GROSS (CY)	687		DEPOSI		DA (C 7 <b>,475</b>	Y)
		GRAVEL	SAND	50 (we	CLAY	MU		SILT		HARDPAN	STONE		SHELL	391	,475 ОТН	ED
CHARACT MATERIA		0 %	25 %		0 %	15 %		60 %		0 %	0 %	-	0 %		0%	LK
CHANNEL C		ŀ	VERAGE	DEPT	H	BEI	FORE DREI	DGING		44.60	AFTE	R DRED	GING		47	7
RIVER/	TIDE	MIN	0.30	TIME	2	3:00	MAX	2.10	тім	/IE 13	:00 GA	GE LOC	ATION E	ectroni	c Gag	e
STAC	<b>BE</b>	MIN	0 TIME 00:0		0:00	MAX 0 TIN		TIN	ME 00:00 GA		GE DATI	JM M	MLLW			
		WEATHER	WEATHER				TEMP (min/	/max)	VIS	SIBILITY	WI	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			67 °F	/ 82 °F		4 MI		Variable	@ 5 MPF	-		
		WORK PERFOR	RMED				_			DISTRIBL		FWOR	۲ 			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		PK)		HR	ł.	MIN.
AVERAGE OF CL		FT 350				PUMPING OR DREDGING							11	30		
TOTAL ADVANCE THIS PERIOD FT				400 PCT OF EFFECTIVE TIME 48%						48%						
TOTAL ADVANCE PREVIOUSLY FT			BOOSTER (IN LINE) 9,305 NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK)													
TOTAL AD TO DA	-	FT	FT 9,705			5 HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	50	
SCOWS LOADED NUMBER					(		HANDLING ANCHOR LINES							0	40	
AVERAGE LOAD CY				CLEARING PUMP AND PUMP LINE					UMP LINES					0	30	
PER SC		SHORE PIPE 5,5	0	SUBM	IERGED PIPE	0				SUCTION HEAD	2				0	25
				CODIN				FOR SCOW		OR ANCHORAGE					0	0
TOTAL LENGTH		RGE PIPE F				7,500	-			OF PLANT ON JO					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED					G NATURAL ELE		;			0	0
AMOUNT DRED THIS DATE	GE		13,687	7 12,4		12,443	3 SHORE LINE AND SHORE WORK								0	0
AMOUNT PREV REPORTED	IOUSLY		383,788	3 346,210		6 WAITING FOR BOOSTER								0	0	
TOTAL AMOUNT			397,475		3:	58,659	MINOR OPERATING REPAIRS (EXPLAIN IN R					ARKS)			0	0
			,	5 556,0		-	WAITING FOR ATTENDANT PLANT								0	0
AMOUNT DREDGED PER PUMPING/CUTTING HR			1,190.17	7 1,082.0		082.00	PREPARATION AND MAKING UP TOW								0	0
OPERATING SUPPLIES					TRANSF	ERRING PLA	NT	BETWEEN WOR	KS				0	0		
COMMODITY CONSUMED		D		CREDITED		LAY TIME OFF SHIFT AND SATURDAYS							0	0		
ITEM	UNIT	QUANTITY	,		QUANTITY					rs					0	0
FUEL	BBL		2,834			(									0 10	5
			0						-	AIN IN REMARK	S)				0	0
ELECTRICITY	KW					(	TOTAL N	ION-EFFECT							12	30
LUBRICANTS	GAL		10	<u> </u>		(	PCT. OF	NON-EFFEC	TIV	Έ			52%			
MOB DATE	04/01/2019	DREDGE START	/01/2019	DEMC	)B DATE		TOTAL E	FFECTIVE A	ND	NON-EFFECTIV	E TIME				24	0
	3 113 112013	0-					(CHARG	EABLE TO C	051	T OF WORK)						

	P/	PAGE NO. Page 70 of 143							
CONTRACT NO.	RI	REPORT NO.							
W9127818D0103 W9127818F0624	Maintenance Dredging of Mob	ile Harbor	N	like Hooks, L.L.C		35			
DREDGE	Pipeline Dredge Missouri H		DATE 05/05/2019						
	ATTENDANT PLANT		LOST TIME	OST TIME (NOT CHARGEABLE TO COST OF WORK					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		0	0		
				PERCENTAGE OF TOTAL TIME	0%				
				TOTAL TIME IN PERIOD		24	0		

### GENERAL COMMENTS

Dredging production has increased since dredging south bound (with the strong current).

#### SAFETY

Observed the crew move dredge to pass ship traffic, shift swing anchors, add pontoons, clean the pump and the cutter. No accidents or incidents to report.

Night Shift: Ensure all equipment is properly illuminated during night operations. Service all tenders and derrick. No accidents or injuries to report.

CONTRACTOR CERTIFICATION	material used and work performed du	hat this Report is complete and correct a rring this Reporting period are in complia of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	Page 7	1 of 143					
CONTRACT NO		CONTRACT T	CONTRACT TITLE				CONTRA	CTOR				REPORT NO.				
W9127818D0103 V	V9127818F062	4 Maintenance	Maintenance Dredging of Mobile Harbor				Mike Hooks, L.L.C				36				36	
CHARACTER O REPORT	F					(	ENVIRONMENTAL					DATE 05/06/2019				
		NAME AND T Pipeline Dredg		ы						SHIFTS PER D	۹Y		DAYS P	ER WE	EK	_
DREDGE			ZE	п		HOR	SEPOWER				NO		W MEMB	ERS		7
		PIPELINE	PIPELINE DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	LIKU	TOT	AL.
			BUCKET		PUMP		EJET	BUCKET								
		8000		0	4000		0		0	28		4		0		32
					LOCAT	ION/C	HANNEL C	FWORK					-			
LOCATIO	ON OF	REACH DRED	GED; STA	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU DEPOSI			
WOR	K	242+90 to 245	+25, 241+ to 228		45+00, 226+16		North	Pinto		17,	501			414	,976	
CHARACT	ER OF	GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN	STONE		SHELL		OTH	ER
MATERIA	. ,	0 %	25 %		0 %	15 %		60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION		VERAGE			<u> </u>				42.50					45	-
RIVER/ STAC		MIN	0.20	TIME	0	0:00	MAX	2.10	TIN	1E 14	:00 GAGE LOCAT		ATION Electron		c Gag	e
		MIN			0:00 I	MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	1LLW			
WEATHER C		WEATHER		1		-	TEMP (min/	max)	VIS	BILITY	WI	ND				
		Weather Cau		lay			64 °F .	/ 84 °F		4 MI			e @5 MPH	1		
ITEM			RIVIED							DISTRIBU		F WOR	<b>`</b>			
AVERAGE		UNIT QUANTITY			_	EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK)						HF	ł.	MIN.		
OF CL	OF CUT FT 350			350		G OR DRED	GINC	G					13	55		
TOTAL ADVANCE THIS PERIOD FT			764			PCT OF I						58%				
TOTAL ADVANCE PREVIOUSLY FT		FT		9,7		9,705	BOOSTER (IN LINE) NON-EFFECTIVE WORKING TIME									
TOTAL AD	TAL ADVANCE ET 10.469					RG	EABLE COST OF					0	0			
TO DA								IG ANCHOR		ES					0	15
SCOWS LOADED N		NUMBER				C	CLEARING PUMP AND PUMP LINES								1	20
AVERAGE PER SC		CY		0			CLEARING CUTTER AND SUCTION HEAD								0	15
FLOATING PIPE	1,000	SHORE PIPE 5,5	00	SUBMERGED PIPE 0 WAITING FOR SCOWS										0	0	
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			6,500	TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	)F PLANT ON JO	В				1	0
							LOSS DL	IE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		17,501	1 15,		15,911	SHORE LINE AND SHORE WORK								0	0
AMOUNT PREV REPORTED	IOUSLY		397,475	5 358,65		58,659	9 WAITING FOR BOOSTER								0	0
			414,976	374		74,570	MINOR OPERATING REPAIRS (EXPLAIN IN R				IN REM	ARKS)			0	0
AMOUNT DREDGED PER		1,257.56	1 1 1 2		143.31	WAITING FOR ATTENDANT PLANT								0	0	
PUMPING/CUTTING HR				',	140.01	PREPARATION AND MAKING UP TOW							1	55		
OPERATING SUPPLIES			TRANSFERRING PLANT BETWEEN WORKS							0	0					
COMMODITY CONSUMED			CREDITED		LAY TIME OFF SHIFT AND SATURDAYS							0	0			
ITEM	UNIT	QUANTITY	r		QUANTITY	SUNDAYS AND HOLIE			IDAY	AYS					0	0
FUEL	BBL		462			0									4	0 40
										AIN IN REMARK	S)				4	20
ELECTRICITY	KW		0			C	, 	ON-EFFECT			- /				9	45
LUBRICANTS	GAL		10			C	)	NON-EFFEC					41%		-	
MOB DATE		DREDGE START	1/01/2010	DEMC	B DATE		TOTAL E	FFECTIVE A	ND	NON-EFFECTIVI	ETIME				23	40
	04/01/2019	02	/01/2019				(CHARGI	EABLE TO C	OST	F OF WORK)					20	+0

	P	PAGE NO. Page 72 of 143							
CONTRACT NO.	R	EPORT NO.							
W9127818D0103 W9127818F0624	818D0103 W9127818F0624 Maintenance Dredging of Mobile Harbor Mike Hooks, L.L.C						36		
DREDGE	Pipeline Dredge Missouri H						DATE 05/06/2019		
	LOST TIME	(NOT CH	IARGEABLE TO COS	T OF WORK)					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	20		
				TOTAL LOST TIME		0	20		
				PERCENTAGE OF TOTAL TIME	1%				
				TOTAL TIME IN PERIOD		24	0		

#### GENERAL COMMENTS

Misc: (0%) Replace burnt fuse in SCR unit.

Misc: (70%) Incident: Tug with 2 barges Grazed the starboard corner of the dredge)

Dredging production has increased since dredging south bound (with the strong current).

#### SAFETY

Observed the crew move dredge to pass ship traffic, shift swing anchors, move the dredge twice,, clean the pump and the cutter and incident with Tug James Davison. No injuries to report.

Night Shift: Ensure all equipment is properly illuminated during night operations. Service all tenders and derrick. No accidents or injuries to report.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE							

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	age 7	'3 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	W9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								37
CHARACTER O REPORT	F				NEW WORK	<	ENV	IRONMENTA	٩L			<b>DATE</b> 05/07	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS PE	R WE	ΞK	
DRED	GE	Pipeline Dredg	ZE			HOR	SEPOWER	,			NO		W MEMBE	-RS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	_110	TOTA	AL.
			BUCKET		PUMP	PIPE	JET	BUCKET								
		8000		0	4000		0		0	28		4		0		32
					LOCAT	ION/C	HANNEL C	OF WORK								
LOCATIO	ON OF	REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMUL DEPOSIT			
WOR		228+2	25 to 232+	75 (we	st cut)		North	Pinto		12,	833			427	,809	
CHARACT	FER OF	GRAVEL	SAND		CLAY	MUD		SILT		HARDPAN	STONE		SHELL		OTHE	ER
MATERIA	. /	0 %	25 %		0 %	15 %		60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION		AVERAGE				ORE DREI			40		R DRED			42	
RIVER/ STAC		MIN	0.20	TIME	0	1:00	MAX	2.20	TIN	/E 15	:00 GA	GE LOC	ATION EI	ectroni	c Gag	e
STAC	36	MIN	0	TIME	0	0:00	MAX	0	тім	/E 00	:00 GA	GE DATI	JM M	LLW		
WEATHER C		WEATHER				٦	TEMP (min/	/max)	VIS	SIBILITY	11W	ND				
		Weather Cau		lay			69 °F .	/ 83 °F		4 MI DISTRIBL			e @ 5 MPH ,	1		
ITEM	1	UNIT			QUANTITY								` 		<u> </u>	
AVERAGE		FT			QUANTIT	250				CTIVE WORKING ABLE TO COST (		RK)		HF		MIN.
OF CL		FI				350	PUMPIN	G OR DRED	GIN	G					9	30
TOTAL AD THIS PEF		FT		450									40%			
TOTAL AD PREVIOU	-	FT				10,469	BOOSTER (IN LINE) NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK)									
TOTAL AD TO DA		FT				10,919									0	0
SCOWS LC	DADED	NUMBER				0	HANDLIN	IG ANCHOR	LIN	IES					0	35
AVERAGE		CY				0	-	IG PUMP AN	ID P	PUMP LINES					1	25
PER SC		SHORE PIPE 5,5	00	SUDM	IERGED PIPE	0				D SUCTION HEAD	0				0	35
	,			SODIVI				FOR SCOW							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			6,500									0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED					OF PLANT ON JO						0
AMOUNT DRED	GE		12,833			11,666				IG NATURAL ELE	MENIS	5			0	0
THIS DATE	IOUSI Y		,				SHORE								0	0
REPORTED			414,976		3.	74,570		FOR BOOS		× PAIRS (EXPLAIN		ADKS)			0	0
TOTAL AMOUN DREDGED TO D			427,809		38	86,236	·	FOR ATTE				ANIO			0	0
AMOUNT DRED PUMPING/CUTT			1,350.84		1,2	228.00		-		KING UP TOW					7	50
		OPERATING SUI	PPLIES				I			BETWEEN WOR	KS				0	0
соммог		CONSUME	D		CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
							SUNDAY	S AND HOLI	IDAY	YS					0	0
ITEM	UNIT	QUANTITY	r		QUANTITY		FIRE DR	ILL							0	0
FUEL	BBL		2,638			0	MOVING	OUT OF WA	AY O	OF TRAFFIC					4	5
ELECTRICITY	КW		0			0	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10			0		ION-EFFECT	IVE	TIME					14	30
MOB DATE		DREDGE START		DEMC	B DATE			NON-EFFEC					60%			
	04/01/2019	04	4/01/2019				-			NON-EFFECTIVI T OF WORK)					24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE	ONTRACTOR		REPORT NO.						
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C			37			
DREDGE	Pipeline Dredge Missouri H			1	DATE 05/07/2019					
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
				TOTAL TIME IN PERIOD		24	0			

#### GENERAL COMMENTS

Dredging operations in the west cut was completed at 16:10. Started prepping equipment and towing equipment to next assignment starting at station 9+30 in the Mobile River.

#### SAFETY

Observed the crew move dredge to pass ship traffic, shift swing anchors, clean the pump and cutter, and prepping to move dredge & equipment to new location (assignment #3). No injuries to report.

Night Shift: Ensure all equipment is properly illuminated during night operations. (towing equipment to new location (North Turning Basin area) Service all tenders and derrick. No injuries to report.

CONTRACTOR CERTIFICATION	material used and work perform	behalf of the contractor, I certify that this Report is complete and correct and all equipment and erial used and work performed during this Reporting period are in compliance with the contract as and specifications, to the best of my knowledge, except as noted above.											
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE										

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	Page 7	5 of 143					
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								38
CHARACTER O REPORT	F	X MAINTE			NEW WORK	ζ.	ENV	IRONMENT	٩L			<b>DATE</b> 05/08	/2019			
		NAME AND T Pipeline Dredg		ы						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE		ZE			HOR	SEPOWER				NO		W MEMB	ERS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		TOT	۸L
			BUCKET		PUMP	PIPE	JEI	BUCKET								
		8000		0	4000		0		0	28		4		0		32
					LOCATI	ION/CI	HANNEL C	F WORK								
LOCATIO	ON OF	REACH DRED	GED; STAT		O STATION	DISP	OSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU DEPOSI			
WOR	ĸ	9+3	0 to 10+00	(west	cut)		North	Blakley		4,7	52			432	2,561	
CHARACT	TER OF	GRAVEL	SAND		CLAY	MUD		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	25 %		0 %	15 %		60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION		VERAGE	DEPTI T	H	BEF	ORE DREI	DGING		36.40	AFTE	R DRED	GING		43	}
RIVER/		MIN	1.20	TIME	23	3:00 N	AX	2.10	TIN	/IE 18	:00 GA	GE LOC	ATION E	lectron	ic Gag	e
STAG	<b>BE</b>	MIN	0	TIME	00	0:00 N	ЛАХ	0	тім	/E 00	:00 GA	GE DATI	JM M	/LLW		
		WEATHER					EMP (min/	/max)	VIS	SIBILITY	WIN	ND				
WEATHER CO	UNDITION	Weather Cau		lay			73 °F .	/ 85 °F		10 MI			SE-SE 10	MPH		
		WORK PERFO	RMED							DISTRIBL		FWOR	(			
ITEM		UNIT			QUANTITY		-			CTIVE WORKING ABLE TO COST (		K)		HF	R.	MIN.
AVERAGE OF CU		FT				250	PUMPIN	G OR DRED				,			4	35
TOTAL AD\ THIS PEF		FT		70			PCT OF I	EFFECTIVE	TIM	E			19%			
TOTAL AD	-	FT		10,919				R (IN LINE)	-EFF			Ξ		-		
TOTAL AD TO DA	/ANCE	FT			1	10,989	HANDLIN	(CHA		EABLE COST OF	WORK	)			0	0
SCOWS LC		NUMBER				0		IG ANCHOR		IES					0	0
AVERAGE		_					CLEARIN	IG PUMP AN	ID P	UMP LINES					0	0
PER SC		CY				0	CLEARIN	IG CUTTER	AND	SUCTION HEAD	)				0	0
FLOATING PIPE	920	SHORE PIPE 750	)	SUBM 1,000	IERGED PIPE		WAITING	FOR SCOV	/S						0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			2,670	TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					OF PLANT ON JO					1	0
AMOUNT DRED	GE		4,752			4,320				G NATURAL ELE	MENTS				0	0
THIS DATE			,			-	SHORE	INE AND SH							0	0
REPORTED			427,809		38	36,236				R PAIRS (EXPLAIN					0	0
TOTAL AMOUN DREDGED TO D			432,561		39	90,556		FOR ATTE		,		ARKS)			0	0
AMOUNT DRED PUMPING/CUTT			1,036.80		ç	942.55				KING UP TOW					4	0
		OPERATING SUI	PPLIES				TRANSF	ERRING PLA	ANT	BETWEEN WOR	KS				0	0
СОММОЕ	DITY	CONSUME			CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
							SUNDAY	S AND HOL	IDAY	YS					0	0
ITEM	UNIT	QUANTITY	ſ		QUANTITY		FIRE DR	ILL							0	0
FUEL	BBL		3,048			0	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								0	55
ELECTRICITY	кw		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			0	TOTAL NON-EFFECTIVE TIME							5	55	
MOB DATE		DREDGE START	-	DEMC	B DATE			NON-EFFEC					25%			
	04/01/2019	04	4/01/2019				-			NON-EFFECTIVI T OF WORK)	= TIME				10	30

	Р	PAGE NO. Page 76 of 143					
CONTRACT NO.	CONTRACT TITLE		ONTRACTOR	R	EPORT NO.		
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	Ν	like Hooks, L.L.C			38
DREDGE	Pipeline Dredge Missouri H			D	<b>ATE</b> 05/08/2019		
	ATTENDANT PLANT			LOST TIME	(NOT CH	ARGEABLE TO COS	T OF WORK)
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0
Tender	Ashley	250	24:00	CESSATION		0	0
Tender	Grayson	500	24:00	COLLISIONS		0	0
				MISCELLANEOUS		13	30
				TOTAL LOST TIME		13	30
				PERCENTAGE OF TOTAL TIME	56%	<u>ó</u>	
				TOTAL TIME IN PERIOD	ŀ	24	0

#### GENERAL COMMENTS

MISC: (0%) Excessive time to move dredge. Dredge moved from south turning basin to north turning basin Mobile river. Started operations in new assignment at 17:30 at station 9+30 (west cut).

#### SAFETY

Day Shift: Weather reports generated. SSHO made rounds of the vessel, Crew change briefing and Worked assisting in moving Equipment to the new dump site,

Outside Crew: moved and connected all need piping to start in new task area. to start the dredging operation.

Engineers: performed preventative maintenance and monitored Engine Room.

Night Shift: Checked Pipeline/Barge/Anchor lighting, made rounds closing hand-rails, trip hazards. Ensured all personnel were wearing proper PPE. Dredging started under upstream by Cochran Bridge.

CONTRACTOR CERTIFICATION	material used and work per	formed during th	s Report is complete and correct ar his Reporting period are in complia knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE		SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									P	age 7	7 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	bile Harbor		Mike Hoo	ks, L.L.C								39
CHARACTER O REPORT	F				NEW WORK	C	ENV	IRONMENTA	٩L			<b>DATE</b> 05/09	/2019			
										SHIFTS PER D	AY		DAYS PE	R WEI	EK	
DRED	GE	Pipeline Dredg	e Missour	IH			SEPOWER				NO	2	W MEMBE	.00		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE			:KƏ	TOT	AI
			BUCKET		PUMP	PIPE	JET	BUCKET			00	-	o men			-
		8000		0	4000		0		0	27		4		0		31
					LOCATI	ION/C	HANNEL O	F WORK								
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	A USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMUL DEPOSIT			
WOR		10+0	0 to 12+8	5 (west	t cut)		North E	Blakeley			263				, <b>824</b>	17
CHARACT		GRAVEL	SAND		CLAY	MUE	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	25 %		0 %	15 %	Ď	60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	A	VERAGE	DEPT	Н	BEF	ORE DREI	DGING		37.10	AFTE	R DRED	GING		43	3
RIVER/		MIN	0.90	ТІМЕ	02	2:00	MAX	3	тім	/IE 14	:00 GA	GE LOC	ATION EI	ectroni	c Gag	e
STAG	θE	MIN	0	TIME	00	D:00 I	MAX	0	тім	/E 00	:00 GA	GE DATI	JM MI	LW		
		WEATHER					TEMP (min/	max)	VIS	SIBILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	elay			72 °F /	/ 82 °F		10 MI		5-10-15	S-SE MPH	1		
		WORK PERFO	RMED							DISTRIBL		F WOR	<u> </u>			
ITEM	l	UNIT			QUANTITY		4			CTIVE WORKING ABLE TO COST (		PK)		HR	.	MIN.
AVERAGE OF CU		FT				250	PUMPING	G OR DRED				(K)			16	40
TOTAL AD\ THIS PEF		FT		285 PCT OF EFFECTIVE TIME							69%		·			
TOTAL AD\ PREVIOU	-	FT		BOOSTER (IN LINE) 10,989 NON-EFFECTIVE WORKING TIM												
TOTAL AD TO DA		FT			1	11,274	HANDLIN	(CHA IG PIPE LINI		EABLE COST OF	WORK	)			0	20
SCOWS LC	DADED	NUMBER				C	HANDLIN	IG ANCHOR	LIN	IES					0	20
AVERAGE		CY				0	-	IG PUMP AN	ID P	UMP LINES					2	0
PER SC		SHORE PIPE 750	)		IERGED PIPE					SUCTION HEAD	2				0	40
TOTAL LENGTH	,			1,000		2 070		FOR SCOW		OR ANCHORAGE	:				0	0
						3,070				OF PLANT ON JO					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		17,263		1	15,694	SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		432,561		39	90,556	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			449,824		40	06,250	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			1,035.78		c	941.64		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	ING HR					741.04	PREPAR			KING UP TOW					0	0
		OPERATING SUI	PPLIES							BETWEEN WOR	KS				0	0
СОММОЕ	ОГТҮ	CONSUME	D		CREDITED			S AND HOLI							0	0
ITEM	UNIT	QUANTITY	r		QUANTITY		FIRE DRI			15					0	0
FUEL	BBL		2,546			C		OUT OF WA	AY O	F TRAFFIC					3	20
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			C		ON-EFFECT	IVE	TIME					6	40
MOB DATE	-	DREDGE START		DEMC	DB DATE			NON-EFFEC					28%		,	
	04/01/2019	04	4/01/2019				-			NON-EFFECTIV T OF WORK)	E TIME				23	20

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	ONTRACT NO. CONTRACT TITLE CONTRACTOR									
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	like Hooks, L.L.C				39			
DREDGE	Pipeline Dredge Missouri H				<b>DAT</b> 05	<b>E</b> /09/2019				
	ATTENDANT PLANT			LOST TIME	(NOT	CHAF	RGEABLE TO COS	T OF WORK)		
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	40		
				TOTAL LOST TIME			0	40		
				PERCENTAGE OF TOTAL TIME	3	8%				
				TOTAL TIME IN PERIOD	•		24	0		

#### GENERAL COMMENTS

MISC: (0%) Pack main pump.

### SAFETY

Day Shift: Weather reports generated. JSA meetings were held. SSHO made rounds of the vessel ensuring all employees were wearing proper PPE, Trash was removed from the vessel. Dump site area was inspected. Photos of large snake was taken with in the work area additional awareness training will done. Photos of trash and debris from the pump cleaning was taken.

Outside Crew: crews was observed shifting anchors, adjusting pipe lines. and cleaning cutter.

Engineers: performed preventative maintenance and monitored Engine Room.

Night Shift: Checked Pipeline/Barge/Anchor lighting, made rounds closing hand-rails, trip hazards. Ensured all personnel were wearing proper PPE. Dredging started under upstream by Cochran Bridge.

CONTRACTOR CERTIFICATION	material used and work perform	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and naterial used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									F	Page 7	′9 of 143					
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								40
CHARACTER O REPORT	F		NANCE			K	ENV	IRONMENT	٩L			<b>DATE</b> 05/10	/2019			
										SHIFTS PER D	AY		DAYS PE	ER WE	EK	
DRED	GE	Pipeline Dredg		Н							NO	2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		RSEPOWER CTION	CUTTER O	R	DREDGE	NO.		W MEMBE	-85	TOT	
			BUCKET		PUMP	PIPI	E JET	BUCKET		DIVEDGE	ONOR	-	OTTIER		1017	1
		8000		0	4000		0		0	27		4		0		31
			1		LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED; STA	ΓΙΟΝ Τ	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMMUL			
LOCATIC		12+8	5 to 15+4	5 (west	t cut)		North E	Blakeley		GROSS (CY)	302		DEPOSIT		DA (C , <b>126</b>	Y)
01145407		GRAVEL	SAND		CLAY	MU		SILT		HARDPAN	STONE	-	SHELL		отн	ER
CHARACT MATERIA		0 %	25 %		0 %	15 %		60 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPTI	Н	BEI	FORE DREI	DGING		39.10	AFTE	R DRED	GING		43	3
RIVER/	TIDE	MIN	MIN 1.40 TIME 02:00 M				MAX	1AX 2.60 TIME 19:00 GAGE LOCA					ATION EI	ectroni	c Gag	e
STAG	θE	MIN	0	TIME	0	0:00	MAX	0	тім	/E 00	:00 GA	GE DATI	JM M	LLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			72 °F	/ 80 °F		10 MI		SE-SSV	V 5-10 MP	Н		
		WORK PERFOR	RMED							DISTRIBL		F WOR	<b>(</b>			
ITEM	1	UNIT			QUANTITY									HR	ε.	MIN.
AVERAGE OF CU		FT				250		G OR DRED		ABLE TO COST ( G		(K)			13	35
TOTAL AD\ THIS PEF		FT			260			PCT OF EFFECTIVE TIME 57%								
TOTAL AD\ PREVIOU		FT		11,274				BOOSTER (IN LINE) NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK)								
TOTAL AD\ TO DA	-	FT				11,534	4 HANDLIN	HANDLING PIPE LINES							1	20
SCOWS LC	DADED	NUMBER				(		IG ANCHOR	LIN	IES					0	25
AVERAGE PER SC		CY				(	0			UMP LINES					4	45
FLOATING PIPE		SHORE PIPE 1,0	00	SUBM 1.000	IERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	30
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г	1,000		3,640				OR ANCHORAGE					0	0
							CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		10,302			9,368	5 SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		449,824		40	06,250		FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			460,126		41	15,615	5 MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			758.43		f	589.45		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR						PREPAR								0	0
		OPERATING SUP	PLIES				_			BETWEEN WOR	KS				0	0
СОММОЕ		CONSUME	D		CREDITED			S AND HOLI							0	0
ITEM	UNIT	QUANTITY	·		QUANTITY		FIRE DR								0	0
FUEL	BBL		4,564			(		OUT OF WA	AY O	F TRAFFIC					2	30
ELECTRICITY	KW		0			(	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			(	TOTAL N	ION-EFFECT	IVE	TIME					9	30
MOB DATE	-	DREDGE START		DEMC	DB DATE			NON-EFFEC					40%			
	04/01/2019		/01/2019	-						NON-EFFECTIVI T OF WORK)	E TIME				23	5

	P	AGE NO.	Page 80 of 143								
CONTRACT NO.	ONTRACT NO. CONTRACT TITLE CONTRACTOR										
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	Ν	like Hooks, L.L.C			40				
DREDGE	Pipeline Dredge Missouri H				<b>ATE</b> 05/10/2019						
	ATTENDANT PLANT			LOST TIME	(NOT CHARGEABLE TO COST OF WOR						
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		0	55				
				TOTAL LOST TIME		0	55				
				PERCENTAGE OF TOTAL TIME	4%						
				TOTAL TIME IN PERIOD		24	0				

### GENERAL COMMENTS

MISC: (0%) 0:55 Packing main pump.

#### SAFETY

Day Shift: Weather reports generated. JSA meetings were held. SSHO made rounds of the vessel and all areas of Work activity, ensured housekeeping was maintained on Dredge. The dump site area was inspected, all deficiencies from the dump were reported to the project manager. Weekly Safety meeting was held, All employees were reminded of snakes, Rodents and insects in the weekly safety meeting. The DTL was updated as deficiencies were corrected. Photos of trash and debris from the pump cleaning was taken. Photos were also taken of the lights on the pipe line.

Outside Crew: crews was observed shifting anchors, adjusting pipe lines. and cleaning the pump.

Engineers: performed preventative maintenance and monitored Engine Room and repairs on a tender boat.

Night Shift: Checked Pipeline/Barge/Anchor lighting, made rounds closing hand-rails, trip hazards. Ensured all personnel were wearing proper PPE. Dredging started under upstream by Cochran Bridge.

CONTRACTOR CERTIFICATION	material used and work performed d	behalf of the contractor, I certify that this Report is complete and correct and all equipment and terial used and work performed during this Reporting period are in compliance with the contract ns and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

			QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									10.	F	Page 8	31 of 143	
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.		_	
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								41
CHARACTER O REPORT	F		NANCE		NEW WORK	(	ENV	IRONMENT	۹L			<b>DATE</b> 05/11	/2019			
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		iН								2				7
		SI. PIPELINE	ZE DIPPER	OR	DREDGE		RSEPOWER	CUTTER O	R	DREDGE	NO. SHORE		W MEMB	ERS	тот	<u></u>
		PIPELINE	BUCKET		PUMP	PIP	E JET	BUCKET		DREDGE	SHUK	=	UTHER		101/	٩L
		8000		0	4000		0		0	27		4		0		31
					LOCATI	ION/C	CHANNEL C	F WORK								
		REACH DREDO	GED: STA		O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMMU			
			,		vest cut) 9+00					GROSS (CY) 16,	720		DEPOSI		DA (C . <b>855</b>	Y)
			30 (starte	d cent	er cut) CLAY	MU		Blakeley SILT				-	4/0			
CHARACT MATERIA		GRAVEL 0 %	SAND 25 %		0 %	15 9		60 %		HARDPAN 0 %	STONE 0 %		SHELL 0 %		ОТН 0 %	=R
CHANNEL C	. ,	P	VERAGE	DEPT	H	BE	FORE DREI	DGING		40.20	AFTE	R DRED	GING		43	3
RIVER/		MIN	1	ТІМЕ	TIME 03:00 MAX 2.80 TIME 17:00 GAGE LOC				GE LOC	ATION E	lectroni	c Gag	e			
STAG	θE	MIN	0	TIME	00	0:00	MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	/LLW		
		WEATHER				_	TEMP (min/	/max)	VIS	BILITY	WI	ND				
WEATHER CO	ONDITION	Weather Cau	sed Non-C	Critical [	Delay		71 °F .	/ 82 °F		8 MI		S 5-10 I	MPH			
		WORK PERFOR	RMED							DISTRIBL		FWOR	K			
ITEM	l	UNIT			QUANTITY					CTIVE WORKING		N()		HR	l.	MIN.
AVERAGE OF CU		FT				25		G OR DRED				.rx)			17	20
TOTAL AD\ THIS PEF		FT						EFFECTIVE	TIM	E			72%	-		
TOTAL AD\ PREVIOU		FT			11,534					ECTIVE WORKI						
TOTAL AD\ TO DA		FT			1	11,79	9 HANDLIN								0	55
SCOWS LC	DADED	NUMBER					HANDLING ANCHOR LINES								0	25
AVERAGE PER SC		CY					0	IG PUMP AN		PUMP LINES					0	0
FLOATING PIPE	1,160	SHORE PIPE 1,0	00	SUBM 1,000	IERGED PIPE			FOR SCOV		JOUCHON HEAL					0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F1	г			3,16	0 TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	ON C	OF PLANT ON JO	В				1	55
AMOUNT DRED	CE.							JE TO OPPC	SIN	G NATURAL ELE	MENTS				0	0
THIS DATE	GL		16,729		1	15,20	<sup>8</sup> SHORE L	INE AND SH	HOR	E WORK					0	0
AMOUNT PREV	IOUSLY		460,126		41	15,61	5 WAITING	FOR BOOS	TER	R					0	0
TOTAL AMOUN DREDGED TO D			476,855		43	30,82	3 MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT	-		965.13		8	377.3	8			NT PLANT					0	0
	NOTIK	OPERATING SUF	PPLIES				<b>-</b>			BETWEEN WOR	KS				0	0
соммог		CONSUME					LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
				CREDITED			SUNDAY	S AND HOL	IDAY	/S					0	0
ITEM	UNIT	QUANTITY	·		QUANTITY										0	0
FUEL	BBL		2,222				<sup>0</sup> MOVING	OUT OF WA	AY O	F TRAFFIC					0	45
ELECTRICITY	ĸw		0					ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10			TOTAL NON-EFFECTIVE TIME						4	0			
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC					17%			
	04/01/2019	04	/01/2019				TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							21	20	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Maintenance Dredging of Mobile Harbor         Mike Hooks, L.L.C								
DREDGE	Pipeline Dredge Missouri H	C	DATE 05/11/2019							
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		2	40			
				TOTAL LOST TIME		2	40			
				PERCENTAGE OF TOTAL TIME	11	%				
				TOTAL TIME IN PERIOD		24	0			

### GENERAL COMMENTS

MISC: (0%) 02:40 Packing main pump.

### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO made rounds of the vessel and all areas of Work activity, ensured housekeeping was maintained on Dredge. The dump site area was inspected, all deficiencies from the dump were reported to the project manager. Photos of trash and debris from the pump and cutter cleaning was taken. Outside Crew: crews was observed shifting anchors, adjusting pipe lines, and cleaning the pump and cutter. Engineers: performed preventative maintenance and monitored Engine Room. Night Shift: Checked Pipeline/Barge/Anchor lighting, made rounds closing hand-rails, trip hazards. Ensured all personnel were wearing proper PPE.

CONTRACTOR CERTIFICATION	material used and v	vork performed during t	is Report is complete and correct an his Reporting period are in complia knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DA	ſE	SUPERINTENDENT'S INITIALS	DATE

			QUALITY CONTROL REPORT-BUCKET/PIPELINE									F	Page 8	3 of 143		
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	RT NO.			
W9127818D0103 V	W9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								42
CHARACTER O REPORT	F		NANCE			(	ENV	IRONMENTA	٩L			<b>DATE</b> 05/12	2/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER	1			NO	2				7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHOR		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	E JET	BUCKET								
		8000		0	4000		0		0	27		4		0		31
					LOCAT	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DREDO	GED; STAT	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMML DEPOS			
WOR		10+30 to	12+25 (sta	arted c	enter cut)		North E	Blakeley			625			8,480	.,	
CHARACT		GRAVEL	SAND		CLAY	MUE	)	SILT		HARDPAN	STON		SHELL	OTHER		
MATERIA		0 %	25 %		0 %	15 %	6	60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	AGE DEPTH BEFORE DREDGING 37 AFTER DR					R DRED	GING		43	3			
RIVER/		MIN	1.20	TIME	0	06:00 MAX 2.40 TIME 18:00 GAGE LOCATION				ATION E	Electroni	ic Gag	e			
STAC	GE	MIN	0	ТІМЕ	0	0:00	MAX	0	TIN	/E 00	:00 GA	GE DATI	JM N	/LLW		
		WEATHER					TEMP (min/	/max)	VIS	BILITY	wi	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			68 °F .	/ 79 °F		10 MI		SW - 10	) MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM		UNIT			QUANTITY					CTIVE WORKING ABLE TO COST (		SK)		HF	R.	MIN.
AVERAGE OF CL		FT				250		G OR DRED				(()			17	20
TOTAL ADV THIS PEF		FT			195 PCT OF EFFECTIVE TIME						72%	_				
TOTAL AD PREVIOU		FT			BOOSTER (IN LINE) 11,799 NON-EFFECTIVE WORKING T (CHARGEABLE COST OF WO							-				
TOTAL AD TO DA		FT				11,994	HANDLIN	IG PIPE LINI		EABLE COST OF	WURK	.)			0	0
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	IES					0	10
AVERAGE PER SC		CY				C	)								4	25
FLOATING PIPE	1,160	SHORE PIPE 1,0	00	SUBM 1.000	IERGED PIPE			FOR SCOW		SUCTION HEAD	J				1	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	r	.,		3,160	) TO AND	FROM WHA	RF (	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
		00000			UNEDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	IGE		16,625		,	15,114	SHORE L	LINE AND SH	IOR	EWORK					0	0
AMOUNT PREV REPORTED	IOUSLY		476,855		43	30,823	WAITING	FOR BOOS	TER	ξ					0	0
TOTAL AMOUN DREDGED TO D			493,480		44	45,937	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		959.13		8	371.96	6								0	0
PUMPING/CUTT		OPERATING SU	PPLIES							KING UP TOW	KS				0	0
соммог		CONSUME			CREDITED		_			ID SATURDAYS					0	0
COMINIOL		CONSOME			CREDITED		SUNDAY	S AND HOLI	DAY	ŕS					0	0
ITEM	UNIT	QUANTITY	r		QUANTITY										0	0
FUEL	BBL		2,814			<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							1	5		
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0		
LUBRICANTS	GAL		10			TOTAL NON-EFFECTIVE TIME						6	40			
MOB DATE	IOB DATE DREDGE START DEMOB DATE PCT. OF				NON-EFFEC					28%						
04/01/2019 04/01/2019			/01/2019			TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							24	0		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		42				
DREDGE	Pipeline Dredge Missouri H		DATE 05/12/2019							
	(NOT (	CHARGEABL	E TO COS	T OF WORK)						
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	0		
				TOTAL LOST TIME			0	0		
				PERCENTAGE OF TOTAL TIME	00	%				
				TOTAL TIME IN PERIOD			24	0		

## GENERAL COMMENTS

The dredge is now dredging to a depth of -43 + the tide.

### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO made rounds of the vessel and all areas of Work activity, ensured housekeeping was maintained on Dredge. The dump site area was inspected, all deficiencies from the dump were reported to the project manager. Photos of trash and debris from the pump and cutter cleaning was taken. Outside Crew: crews was observed shifting anchors, adjusting pipe lines, and cleaning the pump and cutter. Engineers: performed preventative maintenance and monitored Engine Room, engineers was force to change packing in the pump

causing a delay in dredging once completed dredging continued.

	-										
CONTRACTOR CERTIFICATION	material used and wo	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE	DATE SUPERINTENDENT'S INITIALS DATE										

		QUALITY CONTROL REPORT-BUCKET/PIPELINE									F	Page 8	5 of 143			
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	oks, L.L.C								43
CHARACTER O REPORT	F		NANCE		NEW WORK	K	ENV	IRONMENT	۹L			<b>DATE</b> 05/13	/2019			
										SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg		н								2		500		7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEME		тот	<u></u>
			BUCKET		PUMP	PIPI	E JET	BUCKET		DIVEDGE	onora	-	OTTIER		1017	
		8000		0	4000		0		0	27		4		0		31
			1		LOCATI	ION/C	HANNEL C	F WORK							•	
		REACH DREDO	GED; STAT		O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMMU			
LOCATIC		12+2	5 to 15+60	(cente	er cut)		North E	Blakeley		GROSS (CY) 21,	799		IT FOR DA (CY) 515,279			
01145407		GRAVEL	SAND	(00	CLAY	MUI		SILT		HARDPAN	STONE	-	SHELL			
CHARACT MATERIA		0 %	25 %		0 %	15 %		60 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	A	AVERAGE DEPTH BEFORE DREDGING 40.90 AFTER DR					R DRED	GING		43	3				
RIVER/	TIDE	MIN	0.70	D         TIME         10:00         MAX         1.90         TIME         00:00         GAGE LOCATION					ATION E	N Electronic Gage						
STAG	θE	MIN	0	ТІМЕ	00	0:00	MAX	0	ТІМ	1E 00	:00 GA	GE DATI	JM N	/LLW		
		WEATHER	-				TEMP (min/			BILITY	IW		-			
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			59 °F	/ 82 °F		10 MI		VARIAE	BLE 5-10	MPH		
		WORK PERFOR	RMED							DISTRIBL			K			
ITEM	1	UNIT			QUANTITY									HF	۶.	MIN.
AVERAGE OF CU		FT				350		G OR DRED		ABLE TO COST ( G	DF WOR	(K)			20	20
TOTAL AD\ THIS PEF		FT						EFFECTIVE	TIM	E			85%			
TOTAL AD\ PREVIOU		FT			11,994 BC									-		
TOTAL AD\ TO DA	-	FT			1	12,329	9 HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			1	5
SCOWS LC	DADED	NUMBER				(		NG ANCHOR	LIN	ES					0	25
AVERAGE PER SC		CY				(	0			-					1	20
FLOATING PIPE	1,240	SHORE PIPE 1,2	50	SUBM 1.000	IERGED PIPE			FOR SCOV		SUCTION HEAD	)				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F1	г	,		3,490	D TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I		GROSS					CHANGI	NG LOCATIO	ON C	OF PLANT ON JO	В				0	0
CUBIC TARDS I	REMOVED	GR035			CREDITED		LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		21,799		1	19,817	7 SHORE L	LINE AND SH	HOR	E WORK					0	0
AMOUNT PREV	IOUSLY		493,480		44	45,937	7 WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			515,279		46	65,754	4 MINOR C	DPERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			1,072.08			974.6 <sup>,</sup>		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR					974.0	PREPAR			KING UP TOW					0	0
		OPERATING SUP	PLIES				_				KS				0	0
СОММОЕ	ОТҮ	CONSUME	D		CREDITED			S AND HOLI		ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		FIRE DR								0	0
FUEL	BBL		2,218			(	0 MOVING	OUT OF WA	AY O	F TRAFFIC					0	50
ELECTRICITY	КW		0			(		ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10									3	40			
MOB DATE	PCT. OF NON-EFFECTIVE 15%					15%										
04/01/2019 04/01/2019								NON-EFFECTIVI FOF WORK)	ETIME				24	0		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	like Hooks, L.L.C		4					
DREDGE	Pipeline Dredge Missouri H	1	DATE 05/13/2019							
	(NOT C	HARGEABLE TO COS	T OF WORK)							
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%	,				
				TOTAL TIME IN PERIOD		24	0			

## GENERAL COMMENTS

The dredge is now dredging to a depth of -43 + the tide. Dredging from station 12+25 to station 15+60 (center cut).

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO completed inspections of all work activity thought out the work shift, an audit of the dredge and barges were completed, ensured housekeeping was maintained on Dredge and equipment and work areas. The dump site area was inspected, Photos of trash and debris from the pump and cutter cleaning was taken. Outside Crew: crews was observed shifting anchors, adjusting pipe lines, and cleaning the pump and cutter. Engineers: performed preventative maintenance and monitored Engine Room, equipment was delivered to the engine room. The delivery check off list was given to the Engine room Chief. No injury reported.

CONTRACTOR CERTIFICATION	material used and work pe	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.									
QC REPRESENTATIVE'S SIGNATURE	DATE		SUPERINTENDENT'S INITIALS	DATE							

			QUALITY CONTROL REPORT-BUCKET/PIPELINE									10.	F	Page 8	37 of 143	
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								44
CHARACTER O REPORT	F		NANCE			(	ENV	IRONMENT	٩L			<b>DATE</b> 05/14	/2019			
										SHIFTS PER D	AY		DAYS PE	ER WE	EK	
DRED	GE	Pipeline Dredg		i H								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO. SHORE		W MEMBI	ERS	тот	N
		FIFELINE	BUCKET		PUMP	PIPE	E JET	BUCKET		DREDGE	SHUK	=	OTHER		1017	<b>~L</b>
		8000		0	4000		0		0	27		4		0		31
					LOCATI	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED; STA	TION T	O STATION	DIS	POSAL ARE	EA USED			ED		CUMMU			
		15+60	) to 19+65	i (cente	er cut)		North E	Blakeley		GROSS (CY)	563		IT FOR DA (CY) 537,842			
		GRAVEL	SAND	(00	CLAY	MUD		SILT		HARDPAN	STONE	-	SHELL		отн	ER
CHARACI MATERIA		0 %	25 %		0 %	15 %		60 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPT	Н	BE	FORE DREI	DGING		39.10	AFTE	R DRED	GING		43	3
RIVER/	TIDE	MIN	1	1 TIME 08:00 MAX 1.60 TIME 15:00 GAGE LOCATIO					ATION E	ectroni	c Gag	e				
STAC	θE	MIN	0	TIME	00	0:00	MAX	0	TIN	/E 00	:00 GA	GE DATI	JM M	LLW		
		WEATHER					TEMP (min/	/max)	VIS	BILITY	1W	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	elay			58 °F	/ 82 °F		10 MI		variable	5-10 MPH	1		
		WORK PERFOR	RMED							DISTRIBL		FWOR	(			
ITEM	1	UNIT			QUANTITY		_			CTIVE WORKING		N()		HR	ł.	MIN.
AVERAGE OF CL		FT				350		G OR DRED				.rx)			21	30
TOTAL AD THIS PEF		FT			405 <sup> </sup>			EFFECTIVE	TIM	E			90%			
TOTAL AD PREVIOU		FT			E 12,329					ECTIVE WORKI						
TOTAL AD TO DA	-	FT			1	12,734	<sup>1</sup> HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	30
SCOWS LC	DADED	NUMBER				(		IG ANCHOR	LIN	IES					0	35
AVERAGE PER SC		CY				(		IG PUMP AN	ID P	UMP LINES					0	45
FLOATING PIPE		SHORE PIPE 1,2	50		IERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	0
TOTAL LENGTH	OF DISCHA	RGE PIPE F	r	1,000		3 890	-			OR ANCHORAGE					0	0
		-				0,000				OF PLANT ON JO					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		22,563		2	20,512	2 SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV REPORTED	IOUSLY		515,279		46	65,754	4 WAITING	FOR BOOS	TER	<b>λ</b>					0	0
TOTAL AMOUN			537,842		48	36,266		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			1,049.44			954.05		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR					504.00	PREPAR			KING UP TOW					0	0
		OPERATING SU	PPLIES								KS				0	0
СОММОГ	אדוכ	CONSUME	D		CREDITED					ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	(		QUANTITY		SUNDAYS AND HOLIDAYS						0	0		
FUEL	BBL		4,904			(	]		Y O	OF TRAFFIC					0	40
ELECTRICITY	КW		0			0 MOVING OUT OF WAY OF TRAFFIC 0 MISCELLANEOUS (EXPLAIN IN REMARKS)						0	0			
			10			TOTAL NON-EFFECTIVE TIME						2	30			
LUBRICANTS MOB DATE	GAL	DREDGE START	10		DB DATE		<b>^</b>	NON-EFFEC	TIV	Έ			10%			
	04/01/2019		4/01/2019	DEMIC						NON-EFFECTIV	E TIME				24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Maintenance Dredging of Mobile Harbor         Mike Hooks, L.L.C								
DREDGE	Pipeline Dredge Missouri H	ſ	<b>DATE</b> 05/14/2019							
	(NOT C	HARGEABLE TO COS	T OF WORK)							
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%	,				
				TOTAL TIME IN PERIOD		24	0			

## GENERAL COMMENTS

The dredge is now dredging to a depth of -43 + the tide. Dredging from station 15+60 to station 19+65 (center cut).

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO completed inspections of all work activity thought out the work shift, The dump site area was inspected,

Outside Crew: crews was observed shifting anchors, adjusting pipe lines, and cleaning the pump and cutter.

Engineers: performed preventative maintenance and monitored Engine Room, equipment was delivered to the engine room. New Motor placed in the engine room.

CONTRACTOR CERTIFICATION	material used and work performed d	that this Report is complete and correct a luring this Reporting period are in complia t of my knowledge, except as noted above	ance with the contract					
QC REPRESENTATIVE'S SIGNATURE	DATE SUPERINTENDENT'S INITIALS DATE							

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	age 8	39 of 143			
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								45
CHARACTER O REPORT	F		-			<	ENV	IRONMENT	۹L			<b>DATE</b> 05/15	6/2019			
										SHIFTS PER D	AY		DAYS PI	ER WE	EK	
DRED	GE	Pipeline Dredg		Н								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER TION	CUTTER O	R	DREDGE	NO.		W MEMB	ERS	TOT	
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDUE	ONOR	-	OTTLER		1017	1
		8000		0	4000		0		0	29		4		0		33
			1		LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED; STA	ΓΙΟΝ Τ	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMMU			
LOCATIC		19+64	5 to 21+90	(cente	ar cut)		North F	Blakeley		GROSS (CY)	486		DEPOSI		JA (C , <b>328</b>	Y)
		GRAVEL	SAND	(conte	CLAY	MUE		SILT		HARDPAN	STONE	-	SHELL	000	,о <u>2</u> 0 ОТН	EP
CHARACT MATERIA		0 %	50 %		0 %	0 %		50 %		0 %	0 %	-	0 %		0 %	
CHANNEL C	CONDITION	ļ	AVERAGE DEPTH BEF				ORE DRE	ORE DREDGING 39.10 AFTER DREDGING							43	}
RIVER/	TIDE	MIN	MIN 1.20 TIME 04:00 N				MAX	IAX 1.60 TIME 23:00 GAGE LOCA						lectrop	nic Ga	ge
STAG	θE	MIN	MIN 0 TIME 00:00 N				IAX 0 TIME 00:00 GAGE DATUM						JM M	LLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			62 °F	/ 82 °F		4 MI		Variable	e @ 5 MPI	4		
		WORK PERFOR	RMED							DISTRIBL			(			
ITEM	1	UNIT			QUANTITY									HF	2.	MIN.
AVERAGE OF CU		FT		350 PUMPING OR				`		ABLE TO COST ( G		(K)			12	20
TOTAL AD\ THIS PEF		FT			225 PCT OF EFFECTIVE TIME							51%				
TOTAL AD\ PREVIOU		FT				12,734				ECTIVE WORKI						
TOTAL AD TO DA	-	FT				12,959	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	30
SCOWS LC	DADED	NUMBER				C	HANDLIN	IG ANCHOR	NCHOR LINES						0	0
AVERAGE PER SC		CY				C	)			UMP LINES					0	0
FLOATING PIPE	-	SHORE PIPE 1,2	50	SUBM 1.000	IERGED PIPE			FOR SCOV		SUCTION HEAD	0				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г	1,000		4,210				OR ANCHORAGE					0	0
		0.0000					CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	в				0	0
CUBIC YARDS I		GROSS			CREDITED		LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		12,486			11,351	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		537,842		48	86,266	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			550,328		49	97,617	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,012.38			920.35	5	FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SU	PPLIES							KING UP TOW					0	0
										ID SATURDAYS					0	0
СОММОЕ	י ווכ ו	CONSUME	CONSUMED CREDITED				SUNDAY	S AND HOL	IDAY	ŕS					0	0
ITEM	UNIT	QUANTITY	QUANTITY QUANTITY				SUNDAYS AND HOLIDAYS FIRE DRILL								0	0
FUEL	BBL		2,988 <sup>0</sup> MOVING OL				IOVING OUT OF WAY OF TRAFFIC							2	0	
ELECTRICITY	KW		0			C	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				6	0
LUBRICANTS	GAL		54			C		ION-EFFEC1	IVE	TIME					8	30
MOB DATE		DREDGE START DEMOB DATE									35%					
	04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								20	50	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT NO. CONTRACT TITLE CONTRACTOR										
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		45					
DREDGE	Pipeline Dredge Missouri H					<b>ATE</b> 05/15/2019					
	ATTENDANT PLANT			LOST TIME	(NOT CH	ARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		3	10				
				TOTAL LOST TIME		3	10				
				PERCENTAGE OF TOTAL TIME	13%						
				TOTAL TIME IN PERIOD		24	0				

#### GENERAL COMMENTS

Misc: (70%) Weld knife in the main pump (to help decrease pump chokes).

Misc: (0%) Too much time taken to weld the knife in the main pump and replace leaking pontoon gasket.

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. (Annual Equipment inspection by Insurance Carrier Inspector). SSHO completed inspections of all work activity through out the work shift, The dump site area was inspected, Outside Crew: crews was observed shifting anchors, adjusting pipe lines, and moving the dredge to pass ship traffic and weld a knife in the main pump.

Engineers: performed preventative maintenance and monitored Engine Room equipment. (No injuries reported)

CONTRACTOR CERTIFICATION	material used and work perform	certify that this Report is complete and co rmed during this Reporting period are in o he best of my knowledge, except as noted	compliance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIA	ALS DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										F	Page 9	91 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.		-	
W9127818D0103 V	W9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								46
CHARACTER O REPORT	F		-			(	ENV	IRONMENT	۹L			<b>DATE</b> 05/16	6/2019			
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER				NO	2	W MEME			7
		PIPELINE	DIPPER		DREDGE	SUC	CTION	CUTTER O	R	DREDGE	SHORE				тот	 AL
			BUCKET		PUMP	PIPI	EJET	BUCKET					-		-	
		8000		0	4000		0		0	29		4		0		33
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		JLATIVE AND QTY IT FOR DA (CY)			
WOR		21+90	) to 26+00	(cente	er cut)		North E	North Blakeley 18,800					DEI 00		, <b>128</b>	.,
CHARACT		GRAVEL	SAND		CLAY	MU	D	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %						50 % 0 % 0 %							0 %	
CHANNEL C	CONDITION	/	VERAGE	DEPTI	Н	BEI	FORE DREI	DGING	-	39.50	AFTE	R DRED	GING		43	3
RIVER/	TIDE	MIN	1	ТІМЕ	20	0:00	MAX	1.90 TIME 12:00 GAGE LOCATION E						Electroni	ic Gag	e
STAC	GE	MIN	IN 0 TIME 00:00 M					AX 0 TIME 00:00 GAGE DATUM 1								
		WEATHER		TEMP (min/max)						BILITY	IW		-			
WEATHER C	ONDITION	Weather Cau	sed No De	lay			64 °F .	/ 86 °F		4 MI		South @	0) 5 MPH			
		WORK PERFO	RMED							DISTRIBL			K			
ITEM	1	UNIT			QUANTITY									HF	ł.	MIN.
AVERAGE OF CL		FT		(CHARGEABLE TO COST OF WORK) <sup>350</sup> PUMPING OR DREDGING								21	20			
TOTAL AD THIS PER		FT			410 PCT OF EFFECTIVE TIME							89%				
TOTAL AD PREVIOU		FT			BOOSTER (IN LINE) 12,959 NON-EFFECTIVE WORKING TIME							-				
TOTAL ADV TO DA	-	FT			1	13,369		(CHA IG PIPE LINI		EABLE COST OF	WORK	.)			1	50
SCOWS LC		NUMBER				(		IG ANCHOR	LIN	ES					0	35
AVERAGE		CY				(		ig pump an	ID P	UMP LINES					0	0
PER SC	-	SHORE PIPE 1,0	00	SUBM	IERGED PIPE					SUCTION HEAD	)				0	15
TOTAL LENGTH				1,000		4.000		FOR SCOV		OR ANCHORAGE	:				0	0
		RGE PIPE F				4,960	-			OF PLANT ON JO					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		18,800		1	17,09 <sup>-</sup>	1	INE AND SH							0	0
AMOUNT PREV REPORTED	IOUSLY		550,328		49	97,617	7 WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN			569,128		51	14,708		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D							WAITING	FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	-		881.25		6	301.14	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SUI	PPLIES		TRANSFERRING PLANT BETWEEN WORKS								0	0		
СОММОЕ	ΟΙΤΥ	CONSUME	CONSUMED CREDITED							ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	r		QUANTITY	SUNDAYS AND HOLIDAYS FIRE DRILL								0	0	
FUEL	BBL		3,402			<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							0	0		
ELECTRICITY	KW		0,102				MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
			-				TOTAL NON-EFFECTIVE TIME							2	40	
	GAL		10	DC1 :		(	~ I	NON-EFFEC	CTIV	Έ			11%			
MOB DATE	04/01/2010	DREDGE START DEMOB DATE				TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)						24	0			
	04/01/2019 04/01/2019						(CHARGI	EABLE TO C	UST	I UF WORK)				L	- ·	

	P	PAGE NO. Page 92 of 143								
CONTRACT NO.	ONTRACT NO. CONTRACT TITLE CONTRACTOR									
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	e Harbor	N	like Hooks, L.L.C			46			
DREDGE	Pipeline Dredge Missouri H				<b>ATE</b> 05/16/2019					
	ATTENDANT PLANT		LOST TIME	(NOT CHARGEABLE TO COST OF WO						
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
				TOTAL TIME IN PERIOD		24	0			

## GENERAL COMMENTS

Relocate the discharge in North Blakeley DA and Removing Shore line from North Pinto DA.

### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO inspected the dump site, Outside Crew: was observed shifting anchors and add 1,000' of floating plastic line behind the dredge. Engineers: performed preventative maintenance and monitored Engine Room equipment. (No injuries reported)

CONTRACTOR CERTIFICATION	material used and work performed	ify that this Report is complete and corr d during this Reporting period are in cor est of my knowledge, except as noted al	npliance with the contract						
QC REPRESENTATIVE'S SIGNATURE	E DATE SUPERINTENDENT'S INITIALS DATE								

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 9	93 of 143			
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	RT NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	ile Harbor		Mike Hoo	ks, L.L.C								47
CHARACTER O REPORT	F	X MAINTE			NEW WORK	(	ENV	IRONMENT	۹L			<b>DATE</b> 05/17	//2019			
		NAME AND T Pipeline Dredg		н						SHIFTS PER D	AY	0	DAYS P	ER WE	EK	-
DRED	GE		ZE			HOR	SEPOWER				NO	2 OF CRF		FRS		7
		PIPELINE	DIPPER O		DREDGE PUMP	SUC	TION JET	CUTTER O	R	DREDGE	SHORE		OTHER	2.10	TOT	۹L
			BUCKET					BUCKET								
		8000		0	4000		0		0	29		4		0		33
						<u> </u>	HANNEL C			QTY DEPOSITE	-D		CUMMU			ΟΤΥ
LOCATIO		REACH DRED	JED; STAT	ΠΟΝ Τ	OSTATION	DIS	POSAL ARE	EA USED		GROSS (CY)			DEPOSI	T FOR	DA (C	
WOR	ĸ		0 to 30+60	(cente	,			Blakeley		25,			SHELL	594	,585	
		GRAVEL 0 %	SAND 50 %		CLAY 0%	MUE 0 %	)	SILT 50 %		HARDPAN 0 %	STONE 0 %	=		OTH 0 %	ER	
CHANNEL O	. /	/	AVERAGE DEPTH BEF				ORE DRE	DGING	AFTE	R DRED	GING		43	3		
RIVER/	TIDE	MIN	N 0.90 TIME 21:00 N				MAX	2.20	:00 GA	GE LOC	ATION E	lectron	c Gag	e		
STAC		MIN	11N 0 TIME 00:00 N				MAX	IAX 0 TIME 00:00 0				GE DATI	JM N	ILLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W		-			
WEATHER C	ONDITION	Weather Cau	sed No De	lay			68 °F .	/ 86 °F		4 MI		South @	) 5 to 10	MPH		
		WORK PERFO	RMED							DISTRIBL		F WOR	(			
ITEN		UNIT			QUANTITY					CTIVE WORKING ABLE TO COST (		RK)		HF	ł.	MIN.
AVERAGE OF CL		FT		<sup>350</sup> PUMPING OR DRED										21	50	
TOTAL AD THIS PER		FT			460 PCT OF EFFECTIVE TIME							91%		·		
TOTAL AD PREVIOU	-	FT		BOOSTER (IN LINE) 13,369 NON-EFFECTIVE WORKING TIM												
TOTAL AD TO DA		FT			1	13,829	HANDLIN	(CHA		EABLE COST OF	WORK	.)			1	15
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	IES					0	30
AVERAGE PER SC		CY				C	)			PUMP LINES					0	0
FLOATING PIPE		SHORE PIPE 1,0			IERGED PIPE			IG CUTTER		D SUCTION HEAD	)				0	15
TOTAL LENGTH	I OF DISCHA	RGE PIPE F		1,000		5.440				OR ANCHORAGE					0	0
						-,		NG LOCATIO	ON C	OF PLANT ON JO	в				0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED		LOSS DL		SIN	IG NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		25,457		2	23,143	3 SHORE L	INE AND SH	HOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		569,128		51	14,708	WAITING	FOR BOOS	STEF	२					0	0
TOTAL AMOUN DREDGED TO D			594,585		53	37,851		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,165.97		 1,C	)59.98	3	FOR ATTE							0	0
PUMPING/CUT1	ING HR	OPERATING SU	PPLIES				PREPARATION AND MAKING UP TOW TRANSFERRING PLANT BETWEEN WORKS							0	0	
соммог	עדור	CONSUME								ID SATURDAYS					0	0
COMMOL		CONSOME	T		CREDITED		SUNDAY	S AND HOL	IDA	YS					0	0
ITEM	UNIT	QUANTITY	٢		QUANTITY									0	0	
FUEL	BBL		4,588			C	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							0	10	
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			C	TOTAL NON-EFFECTIVE TIME							2	10	
MOB DATE		DREDGE START DEMOB DATE			PCT. OF NON-EFFECTIVE 9% TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					9%						
	04/01/2019 04/01/2019					-			NON-EFFECTIV T OF WORK)	EIIME				24	0	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPO	ORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	e Harbor	N	like Hooks, L.L.C				47			
DREDGE	Pipeline Dredge Missouri H		I	<b>DATE</b> 05/	E 17/2019						
	ATTENDANT PLANT			LOST TIME	(NOT C	HAR	GEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0			
Tender	Ashley	250	24:00	CESSATION			0	0			
Tender	Grayson	500	24:00	COLLISIONS			0	0			
				MISCELLANEOUS			0	0			
				TOTAL LOST TIME			0	0			
				PERCENTAGE OF TOTAL TIME	0%	6					
				TOTAL TIME IN PERIOD			24	0			

### GENERAL COMMENTS

Relocate the discharge in North Blakeley DA and completed removing Shore line from North Pinto DA.

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO held a Safety Meeting with the crew during lunch break.(Topics discussed: Materia; handling and pinch points.) inspected the dump site, Outside Crew: was observed shifting anchors and add 480' of pontoons behind the dredge.

Engineers: performed preventative maintenance and monitored Engine Room equipment. (No injuries reported)

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify the material used and work performed duri plans and specifications, to the best of	ng this Reporting period are in compl	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										F	Page 9	95 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	V9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								48
CHARACTER O REPORT	F				NEW WORK	C	ENV	IRONMENT	۹L			<b>DATE</b> 05/18	/2019			
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK	_
DRED	GE	Pipeline Dredg	ZE				SEPOWER	1			NO		W MEMB	EDS		7
		PIPELINE	DIPPER		DREDGE	SUC	CTION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	29		4		0		33
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D			ULATIVE AND QTY SIT FOR DA (CY)		
WOR		30+60	) to 33+40	(cente	er cut)		North E	Blakeley		24,	122				, <b>70</b> 7	.,
CHARACT		GRAVEL	SAND	-	CLAY	MU	2	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %						50 %		0 %	0 %		0 %		0 %	
CHANNEL C	ONDITION	, A	AVERAGE DEPTH BEFO					DRE DREDGING 37 AFTER DREDGING							43	3
RIVER/		MIN	1.10	TIME	22	2:00	MAX	2.70	TIN	1E 11	:00 GA	GE LOC	ATION E	lectroni	c Gag	e
STAC	θE	MIN	MIN 0 TIME 00:00 N					AX 0 TIME 00:00 GAGE DATUM						1LLW		
		WEATHER					TEMP (min/	(max)	VIS	BILITY	WI	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			69 °F .	/ 84 °F		3 MI		SSE @	5 to 10 M	IPH		
		WORK PERFO	RMED							DISTRIBL		FWOR	(	1		
ITEM		UNIT			QUANTITY		_			CTIVE WORKING		K)		HF	ł.	MIN.
AVERAGE OF CL		FT		(CHARGEABLE TO COST OF WORK) 350 PUMPING OR DREDGING									19	30		
TOTAL AD THIS PEF		FT			280 PCT OF EFFECTIVE TIME							81%				
TOTAL AD PREVIOU	-	FT			13,829 BOOSTER (IN LINE) NON-EFFECTIVE WORKING TIME											
TOTAL AD TO DA		FT			1	14,109	HANDLIN	(CHA		EABLE COST OF	WORK	)			3	15
SCOWS LC	DADED	NUMBER				(		IG ANCHOR	LIN	ES					0	20
AVERAGE PER SC		CY				(	)			UMP LINES					0	0
FLOATING PIPE		SHORE PIPE 1,0	00	SUBM 1.000	ERGED PIPE			FOR SCOV		SUCTION HEAD	)				0	20
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	 г	1,000		5.870	-			OR ANCHORAGE					0	0
CUBIC YARDS		GROSS			CREDITED	-,	CHANGI	NG LOCATIO	DN C	F PLANT ON JO	В				0	0
	-	GROSS			CREDITED		LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	MENTS				0	0
AMOUNT DRED THIS DATE	GE		24,122		2	21,929	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		594,585		53	87,851		FOR BOOS	STER	2					0	0
TOTAL AMOUN DREDGED TO D			618,707		55	59,780		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,237.03		1.1	124.56		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	ING HR				,		PREPAR				Ve				0	0
			OPERATING SUPPLIES							BETWEEN WOR	NO				0	0
СОММОЕ		CONSUMED CREDITED						S AND HOL							0	0
ITEM	UNIT	QUANTITY	(		QUANTITY FIRE DRILL										0	0
FUEL	BBL		5,800			<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							0	5		
ELECTRICITY	KW		0			(		ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS	GAL		10			(		ON-EFFEC1	IVE	TIME					4	0
MOB DATE		DREDGE START		DEMC	B DATE			NON-EFFEC					17%			
	04/01/2019 04/01/2019					-			NON-EFFECTIVI F OF WORK)	= IIME				23	30	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT NO. CONTRACT TITLE CONTRACTOR									
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil	le Harbor	N	like Hooks, L.L.C				48		
DREDGE	Pipeline Dredge Missouri H					<b>DAT</b> 05	<b>E</b> /18/2019			
	ATTENDANT PLANT			LOST TIME	(NOT	CHAF	RGEABLE TO COS	T OF WORK)		
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0		
Tender	Ashley	250	24:00	CESSATION			0	0		
Tender	Grayson	500	24:00	COLLISIONS			0	0		
				MISCELLANEOUS			0	30		
				TOTAL LOST TIME			0	30		
				PERCENTAGE OF TOTAL TIME	2	2%				
				TOTAL TIME IN PERIOD	·		24	0		

### GENERAL COMMENTS

Misc: (0%) replace leaking pontoon gasket.

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO inspected the dump site, Observed the outside Crew: shifting anchors and adding pontoons behind the dredge, clean the cutter, and replace leaking pontoon gasket. ensured that all equipment was properly illuminated during night operations.

Engineers: performed preventative maintenance and monitored Engine Room equipment. (No injuries reported)

CONTRACTOR CERTIFICATION	material used and work performed d	that this Report is complete and correct a uring this Reporting period are in complia of my knowledge, except as noted above	ance with the contract					
QC REPRESENTATIVE'S SIGNATURE	E DATE SUPERINTENDENT'S INITIALS DATE							

QUALITY CONTROL REPORT-BUCKET/PIPELINE										PAGE	NO.	F	Page 9	97 of 143		
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								49
CHARACTER O REPORT	F					K	ENV	IRONMENTA	۹L			<b>DATE</b> 05/19	/2019			
		NAME AND T Pipeline Dredg		. LI						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE	-	ZE			ЦОР	SEPOWER	1			NO	2	W MEMB	EDS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	29		4		0		33
					LOCAT	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DREDO	GED; STAT	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU DEPOSI			
WOR		33+40	) to 34+40	(cente	er cut)		North E	Blakeley		9,9	79		001		,686	.,
CHARACT		GRAVEL	SAND		CLAY	MUC	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	50 %		0 %	0 %		50 % 0 % 0 %							0 %	
CHANNEL C	CONDITION	ŀ	VERAGE	DEPTI	Н	BEF	FORE DREI	DGING		36	AFTE	R DRED	DREDGING 43			3
RIVER/		MIN	1.10	TIME	2	1:00	MAX	2.90	тім	1E 11	:00 GA	GE LOC	ATION E	Electroni	ic Gag	e
STAG	έE	MIN	MIN 0 TIME 00:00 M											/LLW		
		WEATHER					TEMP (min/	/max)	VIS	BILITY	IIW	ND				
WEATHER CO	UNDITION	Weather Cau		elay			71 °F .	/ 85 °F		2 MI		Ŭ	10 to 40	to 10 M	PH	
		WORK PERFOR	RMED							DISTRIBL		F WOR	(			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		RK)		HF	۲.	MIN.
AVERAGE OF CU	JT	FT	FT 350					G OR DRED				,			18	35
TOTAL AD\ THIS PEF		FT		100				EFFECTIVE	ТІМІ	E			77%	4		
TOTAL AD\ PREVIOU		FT				14,109								-		
TOTAL AD\ TO DA	-	FT				14,209	HANDLIN	IG PIPE LINI		EABLE COST OF	WORK	)			0	0
SCOWS LC	DADED	NUMBER				C	HANDLIN	IG ANCHOR	LIN	ES					0	20
AVERAGE PER SC		CY				C	-	ig pump an	ID P	UMP LINES					0	55
FLOATING PIPE		SHORE PIPE 1,0	00	SUBM 1.000	IERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	25
TOTAL LENGTH	I OF DISCHA	RGE PIPE F		1,000		5.870				OR ANCHORAGE					0	0
						-,	CHANGI		DN C	OF PLANT ON JO	В				0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		9,979			9,072	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		618,707		55	59,780	WAITING	FOR BOOS	STER	2					0	0
TOTAL AMOUN DREDGED TO D			628,686		56	68,852		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		536.99		4	488.18	3								0	0
PUMPING/CUTT		OPERATING SU	PPLIES							KING UP TOW	KS				0	0
соммог		CONSUME			CREDITED					ID SATURDAYS					0	0
							SUNDAY	S AND HOLI	IDAY	/S					0	0
ITEM	UNIT	QUANTITY	UANTITY QUANTITY				FIRE DRILL								0	0
FUEL	BBL		1,986			C	MOVING	OUT OF WA	F TRAFFIC					1	15	
ELECTRICITY	кw		0			0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	25		
LUBRICANTS	GAL		54			0 TOTAL NON-EFFECTIVE TIME						3	20			
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC					14%			
04/01/2019 04/01/2019								NON-EFFECTIVI FOF WORK)	E TIME				21	55		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		c	ONTRACTOR		REP	ORT NO.	Page 98 of 143			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobil	e Harbor	N	like Hooks, L.L.C				49			
DREDGE	Pipeline Dredge Missouri H			<b>DATI</b> 05/	E /19/2019						
	ATTENDANT PLANT			LOST TIME	(NOT	CHAR	RGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS			2	5			
Tender	Ashley	250	24:00	CESSATION			0	0			
Tender	Grayson	500	24:00	COLLISIONS			0	0			
				MISCELLANEOUS			0	0			
				TOTAL LOST TIME			2	5			
				PERCENTAGE OF TOTAL TIME	9	%					
				TOTAL TIME IN PERIOD	·		24	0			

#### GENERAL COMMENTS

Misc: (70%) Tie off cutter to dredge over Gas Pipeline area. MOR: (0 %) Repair swing motor breaker.

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO inspected the dump site, Observed the outside Crew: shifting anchors, tie off the cutter to dredge over gas pipeline area, clean the cutter, clean the pump and repair swing motor breaker. ensured that all equipment was properly illuminated during night operations. (take pictures). Engineers: performed preventative maintenance and monitored Engine Room equipment. (No injuries reported)

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify the material used and work performed duri plans and specifications, to the best of	ng this Reporting period are in compli	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL F							REPORT-BUCKET/PIPELINE					PAGE NO. Page 99 of 143			
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								50
CHARACTER O REPORT	F				NEW WORK	ζ.	ENV	IRONMENTA	۹L			<b>DATE</b> 05/20	/2019			
		NAME AND T Pipeline Dredg		: <b>ப</b>						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE		ZE			HOR	SEPOWER				NO	2	W MEMB	FRS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	LIKU	TOT	AL.
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	29		4		0		33
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO	DN OF	REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOSI			
WOR	K	34+40	to 35+30	(Cente	er Cut)		North E	Blakeley		8,8	895			637	,581	
CHARACT	ER OF	GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA	. ,	0 %	50 %		0 %	0 %		50 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION		VERAGE	1		<u> </u>		DRE DREDGING 36 AFTER DREDGING							43	
RIVER/ STAG		MIN	MIN 0.70 TIME 00:00 N					12:00 GAGE LC						lectron	c Gag	e
STAG		MIN	0	TIME	00	0:00	MAX	0	тім	/E 00	:00 GA	GE DATI	JM N	1LLW		
WEATHER CO		WEATHER		1		-	TEMP (min/	'max)	VIS	SIBILITY	11W	ND				
WEATHER O	ONDITION	Weather Cau		elay			70 °F .	<sup>/</sup> 85 °F		4 MI			@ 5 MPH	1		
	. 1	WORK PERFOI	RMED							DISTRIBL		F WOR	(			
AVERAGE		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		RK)		HF	ł.	MIN.
OF CU		FT	FT 350					G OR DRED	GINC	G					20	25
TOTAL AD\ THIS PEF		FT			90 PCT OF EFFECTIVE TIME					E			85%			
TOTAL AD	-	FT			BOOSTER (IN LINE) 14,209 NON-EFFECTIVE WORKING TIME					=						
TOTAL AD	/ANCE	FT			1	14,299			RG	EABLE COST OF					0	0
TO DA								IG ANCHOR		IES					0	20
SCOWS LC		NUMBER				0	,								0	0
AVERAGE PER SC	-	CY				C	)				5				0	35
FLOATING PIPE	3,870	SHORE PIPE 1,0	00	SUBM 1,000	ERGED PIPE		WAITING	FOR SCOW	/S						0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	r			5,870	) TO AND	FROM WHA	RF C	OR ANCHORAGE	1				0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
AMOUNT DRED	_							IE TO OPPO	SIN	G NATURAL ELE	EMENTS	5			0	0
THIS DATE			8,895			8,087	SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		628,686		56	68,852	2 WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			637,581		57	76,939		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		435.67		3	396.10	) ———	FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SUI								KING UP TOW					0	0
							_			ID SATURDAYS					0	0
СОММОЕ		CONSUME	D		CREDITED										0	0
ITEM	UNIT	QUANTITY	ANTITY QUANTITY				SUNDAYS AND HOLIDAYS								0	0
FUEL	BBL		2,518			C	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							2	5	
ELECTRICITY	KW		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		54			ſ	TOTAL NON-EFFECTIVE TIME							3	0	
MOB DATE	-	DREDGE START		DEMC	B DATE		PCT. OF	NON-EFFEC					12%			
	04/01/2019		4/01/2019				-			NON-EFFECTIV T OF WORK)	E TIME				23	25

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C			50				
DREDGE	Pipeline Dredge Missouri H				ſ	DATE 05/20/2019					
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		0	35				
				TOTAL LOST TIME		0	35				
				PERCENTAGE OF TOTAL TIME	2%						
				TOTAL TIME IN PERIOD		24	0				

## GENERAL COMMENTS

Misc: (0%) Tie up fuel barge along side the dredge and replace leaking pontoon gasket..

#### SAFETY

Day Shift: The Weather reports were submitted. The JSA meetings were held. SSHO inspected the dump site, Observed the outside Crew: shifting anchors, tie up fuel barge to dredge, clean the suction, and move the dredge to pass ship traffic. Ensured that all equipment was properly illuminated during night operations. (take pictures). Engineers: performed preventative maintenance and monitored Engine Room equipment. (No injuries reported)

CONTRACTOR CERTIFICATION	material used a	nd work performed during t	s Report is complete and correct ar his Reporting period are in complian knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL R							EPORT-BUCKET/PIPELINE					PAGE NO. Page 101 of 143				
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	RT NO.				
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mob	oile Harbor		Mike Hoo	ks, L.L.C								51	
CHARACTER O REPORT	F	X MAINTE			NEW WORK	C	ENV	IRONMENT	۹L			<b>DATE</b> 05/21	/2019				
		NAME AND T								SHIFTS PER D	AY		DAYS P	ER WE	EK		
DRED	GE	Pipeline Dredg	ZE			ЦОР	SEPOWER	1			NO	2		EDS		7	
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL	
			BUCKET		PUMP	PIPE	JET	BUCKET									
		8000		0	4000		0		0	29		4		0		33	
					LOCATI	ION/C	HANNEL C	F WORK									
LOCATIO	ON OF	REACH DREDO	GED; STAT	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOSI				
WOR	ĸ	35+30	to 36+00	(Cente	er Cut)		North E	Blakeley		8,0	19		645,600				
CHARACT		GRAVEL 0 %	SAND 50 %		CLAY 0 %	MUD 0 %	)	SILT 50 %		HARDPAN 0 %	STONE 0 %	E	SHELL 0 %		ОТН 0 %	ER	
CHANNEL C			VERAGE				ORE DREI			36		R DRED		43			
		MIN						2.90	TIM				ATION E	lectron			
RIVER/ STAC															o oug		
		MIN	0	TIME	00	0:00		-					UM N	1LLW			
WEATHER C	ONDITION	WEATHER Weather Cau	sed No De	lav			/TEMP (min 64 °F		VIS	SIBILITY 3 MI	WI		ᡚ 5 mph N	лон			
		WORK PERFOI		iay				00 1		DISTRIBL							
ITEM	1	UNIT			QUANTITY			EF	FEC	CTIVE WORKING	TIME			HF	2	MIN.	
AVERAGE OF CL		FT	FT 350					(CHAR		ABLE TO COST ( G	of wor	RK)			 19	50	
TOTAL AD THIS PER		FT		70			PCT OF I	EFFECTIVE	TIM	E			83%				
TOTAL ADV PREVIOU	-	FT			1	14,299		R (IN LINE)	-EFF		NG TIM	E		-			
TOTAL AD TO DA	/ANCE	FT			1	14,369	HANDLIN		RG	EABLE COST OF					0	0	
SCOWS LC		NUMBER				0	HANDLING ANCHOR LINES								0	0	
AVERAGE	LOAD	CY				0		IG PUMP AN	ID P	UMP LINES					0	0	
PER SC				SUBM	IERGED PIPE	0		IG CUTTER	AND	SUCTION HEAD	)				0	0	
FLOATING PIPE	3,870	SHORE PIPE 1,0	00	1,000			WAITING	FOR SCOV	/S						0	0	
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г			5,870									0	0	
CUBIC YARDS	REMOVED	GROSS			CREDITED					OF PLANT ON JO					0	0	
AMOUNT DRED	GE		8,019			7,290				G NATURAL ELE	MENIS	6			0	0	
THIS DATE AMOUNT PREV	IOUSLY		637,581		57	76 030		FOR BOOS							1	45	
REPORTED	т					-,				YAIRS (EXPLAIN	IN REM	ARKS)			0	0	
DREDGED TO D			645,600		58	34,229		FOR ATTE		,		,			0	0	
AMOUNT DRED PUMPING/CUTT			404.32		3	367.56	PREPAR	ATION AND	MAł	KING UP TOW					0	0	
		OPERATING SUI	PPLIES				TRANSF	ERRING PL	<b>N</b> T	BETWEEN WOR	KS				0	0	
соммог	ОІТҮ	CONSUME	D		CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0	
ITEM	UNIT	QUANTITY QUANTITY					SUNDAYS AND HOLIDAYS								0	0	
							FIRE DRILL								0	0	
FUEL	BBL		3,186		2	17,914	914 MOVING OUT OF WAY OF TRAFFIC								1	25	
ELECTRICITY	КW		0			0	0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0	
LUBRICANTS	LUBRICANTS GAL 0 1.350											3	10				
MOB DATE	-	DREDGE START		DEMC	B DATE		PCT. OF	NON-EFFEC					13%				
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)							23	0				

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C			51				
DREDGE	Pipeline Dredge Missouri H			ſ	DATE 05/21/2019						
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		1	0				
				TOTAL LOST TIME		1	0				
				PERCENTAGE OF TOTAL TIME	4%						
				TOTAL TIME IN PERIOD	·	24	0				

### **GENERAL COMMENTS**

Misc: (0%) 1 hour of down time to replace the sheave on the port spud collar.

COE (QAR) and the Qc inspected the North Blakely DA to oversee the elevation of the the discharge pipe above the water level.

Qc was also directed by the QAR (Joe Ellsworth) to place boards in the 2 small weir boxes; both weir boxes were properly blocked off and inspected by the project manager (Brad Wintsell).

### SAFETY

Day Shift: The Weather reports were submitted. SSHO inspected the dump site, Observed the outside Crew: shifting anchors, clean the suction. Ensured that all equipment was properly illuminated during night operations. (take pictures).

Engineers: Engine crew repairing equipment and maintaining compartment. Dump site accessible. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work perform	rtify that this Report is complete and correct a ned during this Reporting period are in compli best of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE									NO.	P	age 10	)3 of 143				
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F0624	4 Maintenance	Dredging	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								52
CHARACTER O REPORT	F		-		NEW WORK	<	ENV	IRONMENTA	۹L			<b>DATE</b> 05/22	/2019			
		NAME AND T Pipeline Dredg		ц						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE		ZE			ЦОР	SEPOWER	•			NO	2	W MEME			7
		PIPELINE	DIPPER (		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		тот	AL.
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	29		4		0		33
					LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED; STAT		O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU			
LOCATIO					over pipeline		North E	Blakeley			665			2,265	1)	
CHARACT		Offsets), & GRAVEL	38+00 to 3	<u>39+70 (</u>	<u>center cut)</u> CLAY	MUE		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	50 %		0 %	0 %		50 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	A	VERAGE	DEPTH	4	BEF	ORE DRE	DGING		37.30	AFTE	R DRED	GING		43	3
RIVER/	TIDE	MIN	0.70	ТІМЕ	0	0:00	MAX 2.60 TIME 13:00 G.					GE LOC	ATION E	Electron	ic Gag	e
STAG	<b>BE</b>	MIN	0	ТІМЕ	0	0:00	MAX	IAX 0 TIME 00:00 GAGE DATUM					JM M	ИLLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	IW	ND				
WEATHER CO	ONDITION	Weather Caus	sed No De	lay			69 °F .	/ 88 °F		10 MI		5 MPH				
		WORK PERFOR	RMED							DISTRIBL		FWOR	(			
ITEM		UNIT			QUANTITY					CTIVE WORKING ABLE TO COST (		2K)		HF	२.	MIN.
AVERAGE OF CU		FT				350		G OR DRED							18	5
TOTAL AD\ THIS PEF		FT		205			5 PCT OF I	EFFECTIVE	TIM	E			75%	_	·	
TOTAL AD\ PREVIOU		FT				14,369				ECTIVE WORKI				-		
TOTAL AD\ TO DA	-	FT				14,574		(CHARGEABLE COST OF WORK) HANDLING PIPE LINES							3	20
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	IES					0	15
AVERAGE PER SC		CY				C		IG PUMP AN	ID P	UMP LINES					0	0
FLOATING PIPE		SHORE PIPE 1,0			ERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	0
TOTAL LENGTH	OF DISCHA	RGE PIPE F1		2,000		7 270	-			OR ANCHORAGE					0	0
			[			7,270				OF PLANT ON JO					1	40
CUBIC YARDS I		GROSS			CREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		16,665			15,150	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		645,600		58	84,229	WAITING	FOR BOOS	TER	۹					0	0
TOTAL AMOUN DREDGED TO D			662,265		59	99,379	)			PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT	-		921.57		٤	837.79	, <u> </u>			NT PLANT					0	0
		OPERATING SUF	PPLIES							BETWEEN WOR	KS				0	0
соммо	DITY	CONSUME	CONSUMED CREDITED					E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
							SUNDAY	S AND HOLI	IDAY	YS					0	0
ITEM	UNIT	QUANTITY	QUANTITY QUANTITY				FIRE DRILL								0	0
FUEL	BBL		3,944 43,920				MOVING OUT OF WAY OF TRAFFIC								0	0
ELECTRICITY	КW	0				0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	25	
LUBRICANTS	GAL	0 1,350												5	40	
MOB DATE		DREDGE START		DEMO	B DATE			NON-EFFEC					24%			
04/01/2019 04/01/2019								NON-EFFECTIV T OF WORK)					23	45		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	PORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C			52				
DREDGE	Pipeline Dredge Missouri H				DA	<b>TE</b> 5/22/2019					
	ATTENDANT PLANT			LOST TIME	(NOT CHA	RGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		0	15				
				TOTAL LOST TIME		0	15				
				PERCENTAGE OF TOTAL TIME	1%						
				TOTAL TIME IN PERIOD	•	24	0				

### GENERAL COMMENTS

Misc: (0%) 0:15 of down time to swap generators.

Misc: (70%) 0:25 of down time to untie cutter head

Dredge Missouri H completed dredging over Mobile gas pipeline, jump the pipeline, and continued dredging at station 38+00.

#### SAFETY

Weather monitored on Wednesday: clear and warm. Outside crew cleaning pump, repairing equipment, maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. One first aid injury reported. No incident reported

CONTRACTOR CERTIFICATION	material used a	and work performed during t	is Report is complete and correct ar his Reporting period are in complia knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	age 10	)5 of 143			
CONTRACT NO		CONTRACT TITLE					CONTRA	CTOR				REPORT NO.				
W9127818D0103	N9127818F0624	Maintenance	Maintenance Dredging of Mobile Harbor				Mike Hoo	ks, L.L.C								53
CHARACTER O REPORT	F	X MAINTE				K	ENV	IRONMENT	۹L			<b>DATE</b> 05/23	/2019			
		NAME AND T Pipeline Dredg		ы						SHIFTS PER D	AY		DAYS P	ER WE	EK	_
DRED	GE		IZE			HOR	SEPOWER	,			NO	2	W MEMB	FRS		7
		PIPELINE	DIPPER		DREDGE	SUC	CTION	CUTTER O	R	DREDGE	SHOR		OTHER		TOTA	AL
			BUCKET		PUMP		E JET	BUCKET								
		8000		0	4000		0		0	29		4		0		33
					LOCAT	ION/C	HANNEL C	OF WORK								
LOCATIO	ON OF	REACH DRED	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU DEPOSI			
WOR		39+70	0 to 42+90	(cente	∍r cut)		North E	Blakeley			125				5,390	
CHARACT	FER OF	GRAVEL	SAND		CLAY	MUI		SILT		HARDPAN	STONE	=	SHELL		OTH	ER
MATERIA		0 %	50 %		0 %	0 %		50 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	/	AVERAGE	DEPTI	H	BE	FORE DREI	DGING		38.20	AFTE	R DRED	GING		43	3
RIVER/	TIDE	MIN	0.60	TIME	0.	1:00	MAX	2.20	тім	1E 13	:00 GA	GE LOC	ATION E	lectroni	c Gag	e
STAC	GE	MIN	0	ТІМЕ	. 0'	0:00	MAX			1E 00	:00 GA	GE DATI	JM M	<b>ILLW</b>		
		WEATHER					TEMP (min/	/max)	VIS	BILITY	WI		-			
WEATHER C	ONDITION	Weather Cau	sed No De	lay			71 °F.	/ 68 °F		10 MI		5 variab	le MPH			
		WORK PERFO	RMED							DISTRIBL			ĸ			
ITEM	1	UNIT			QUANTITY									НБ	٤.	MIN.
AVERAGE WIDTH OF CUT FT				380			(CHARGEABLE TO COST OF WORK) PUMPING OR DREDGING								21	30
TOTAL AD THIS PER	FT						EFFECTIVE	TIM	E			90%				
TOTAL ADVANCE PREVIOUSLY		FT			1	14,574								-		
TOTAL ADVANCE TO DATE		FT				14,894	4 HANDLIN	IG PIPE LIN		EABLE COST OF		.)			0	45
SCOWS LOADED		NUMBER				(		IG ANCHOR	LIN	ES					0	50
AVERAGE LOAD		CY				(	CLEARING PUMP AND PUMP LINES								0	15
PER SCOW FLOATING PIPE 4,790 SHORE P		SHORE PIPE 1,0			IERGED PIPE					SUCTION HEAI	0				0	15
TOTAL LENGTH	OF DISCHAR	RGE PIPE F	 Г	2,000		7.790		FOR SCOV		OR ANCHORAGE					0	0
						.,	-		DN C	OF PLANT ON JO	в				0	0
CUBIC YARDS I	REMOVED	GROSS CREDITED				LOSS DL		SIN	G NATURAL ELE	MENTS	3			0	0	
AMOUNT DRED THIS DATE	GE		23,125		2	<sup>4</sup> SHORE L	SHORE LINE AND SHORE WORK							0	0	
AMOUNT PREV REPORTED	IOUSLY		662,265		599,379		WAITING FOR BOOSTER								0	0
TOTAL AMOUN			685,390		620,493		MINOR OPERATING REPAIRS (EXPLAIN IN RE					ARKS)			0	0
DREDGED TO D					102 01	WAITING FOR ATTENDANT PLANT								0	0	
PUMPING/CUTT	TING HR		1,075.58 982.05				PREPARATION AND MAKING UP TOW							0	0	
		OPERATING SUI	PLIES				TRANSFERRING PLANT BETWEEN WORKS							0	0	
COMMODITY CONSUMED			D	CREDITED			LAY TIME OFF SHIFT AND SATURDAYS								0	0
ITEM	ITEM UNIT QUANTITY QUANTITY											0	0			
FUEL	BBL		4,326			39,594	FIRE DRILL MOVING OUT OF WAY OF TRAFFIC								0	25
ELECTRICITY	KW		0				MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0
	ΛVV														2	30
LUBRICANTS	GAL		0			1,350	0	NON-EFFEC					10%			
MOB DATE	04/01/2019	DREDGE START	4/01/2019	DEMC	DB DATE		TOTAL E	FFECTIVE A	ND	NON-EFFECTIV	E TIME				24	0
					CHARG	EARLE TO C	UST	F OF WORK)				I				

	PAGE NO. Page 106 of 143										
CONTRACT NO.		REPORT NO.									
W9127818D0103 W9127818F0624	818F0624 Maintenance Dredging of Mobile Harbor Mike Hooks, L.L.C							53			
DREDGE	Pipeline Dredge Missouri H						<b>DATE</b> 05/23/2019				
	ATTENDANT PLANT	LOST TIME	(NOT (	NOT CHARGEABLE TO COST OF WORK)							
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0			
Tender	Ashley	250	24:00	CESSATION			0	0			
Tender	Grayson	500	24:00	COLLISIONS			0	0			
				MISCELLANEOUS			0	0			
				TOTAL LOST TIME			0	0			
				PERCENTAGE OF TOTAL TIME	09	%					
				TOTAL TIME IN PERIOD	•		24	0			

### GENERAL COMMENTS

Dredge Missouri H widen the cut 380' to catch the ending of the 3rd cut plus the center cut.

#### SAFETY

Weather monitored on Thursday: sunny and hot. Outside crew cleaning pump, repairing equipment, maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. Safety Meeting: Heat Stress Prevention, Hydration. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.								
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE						

QUALITY CONTROL REPORT-BUCKET/PIPELINE										PAGE NO. Page 107 of 143							
CONTRACT NO	D. CONTRACT TITLE					CONTRA	CTOR				REPORT NO.						
W9127818D0103	W9127818F0624	Maintenance	Maintenance Dredging of Mobile Harbor				Mike Hoo	Mike Hooks, L.L.C					54				
CHARACTER O REPORT	F				NEW WORK	(	ENV	IRONMENT	۹L			<b>DATE</b> 05/24	/2019				
										SHIFTS PER D	۹Y		DAYS P	ER WE	EK		
DRED	GE	Pipeline Dredg	ZE	<u>п</u>			RSEPOWER	•			NO	2 D. OF CREW MEMBERS				7	
		PIPELINE	DIPPER	OR	DREDGE	SUC	CTION	CUTTER C	R	DREDGE	SHORE		OTHER		тот	AL	
			BUCKET		PUMP	PIP	E JET	BUCKET									
		8000		0	4000		0		0	29		4		0		33	
					LOCATI	ION/C	HANNEL C	F WORK									
LOCATIO		REACH DREDO	GED; STAT	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU DEPOSI				
WOF		42+90	) to 46+50	(cente	er cut)		North E	Blakeley		25,	606				,996	.,	
CHARACT		GRAVEL	SAND		CLAY	MU	D	SILT		HARDPAN	STONE		SHELL			ER	
MATERIA		0 %	50 %		0 %	0 %	•	50 %		0 %	0 %		0 %		0 %		
CHANNEL	CONDITION	A	VERAGE	DEPTI	+	BE	FORE DREI	DGING		36.20	AFTE	R DRED	GING		43	3	
RIVER/		MIN	0.60	TIME	04	4:00	MAX	2.50	тім	/IE 17	:00 GA	GE LOC/	ATION E	lectroni	ic Gag	e	
STAC	GE	MIN	MIN 0 T		0(	0:00	MAX	0 TIM		ME 00:00		GE DATI	JM N	1LLW			
		WEATHER	WEATHER				TEMP (min/	MP (min/max) VIS		SIBILITY		ND					
WEATHER C	ONDITION	Weather Cau	Weather Caused No De				71 °F	/ 91 °F		10 MI		5 variab	ariable MPH				
	1	WORK PERFOR	RED							DISTRIBL		FWOR	κ	1			
ITEM UNIT					QUANTITY	_	EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK						HF	۲.	MIN.		
AVERAGE WIDTH OF CUT FT			255											21	30		
TOTAL ADVANCE THIS PERIOD		FT		360		~	EFFECTIVE	TIM	E			90%					
TOTAL ADVANCE PREVIOUSLY		FT			1	14,89											
TOTAL ADVANCE TO DATE		FT			1	15,25	4 HANDLIN	IG PIPE LIN		EABLE COST OF	WORK	)			0	0	
SCOWS LOADED		NUMBER						IG ANCHOR	LIN	IES					0	25	
AVERAGE PER SC		CY					0			D SUCTION HEAD					0	0	
FLOATING PIPE	E 4,790	SHORE PIPE 1,0		SUBM 2,000	IERGED PIPE			FOR SCOV		SUCTION TILAL					0	0	
TOTAL LENGTH	I OF DISCHAF	RGE PIPE F1	г			7,79	0 TO AND	FROM WHA	RF (	OR ANCHORAGE					0	0	
CUBIC YARDS	REMOVED	GROSS			CREDITED	CHANGI	NG LOCATIO	ON C	OF PLANT ON JO	В				0	0		
							LOSS DL	JE TO OPPC	SIN	IG NATURAL ELE	MENTS	;			0	0	
AMOUNT DRED THIS DATE	IGE		25,606			23,279		SHORE LINE AND SHORE WORK							0	0	
AMOUNT PREV	IOUSLY		685,390		620,493		WAITING FOR BOOSTER								0	0	
TOTAL AMOUN DREDGED TO D			710,996		643,772		MINOR OPERATING REPAIRS (EXPLAIN IN REM					ARKS)			0	0	
AMOUNT DRED	GED PER		1,190.98			1,082.74		WAITING FOR ATTENDANT PLANT							0	0	
PUMPING/CUT	FING HR						PREPARATION AND MAKING UP TOW								0	0	
OPERATING SUPPLIES					_				кə				0	0			
COMMODITY		CONSUME	D		CREDITED										0	0	
ITEM	ITEM UNIT QUANTITY QUANTITY				SUNDAYS AND HOLIDAYS							0	0				
FUEL	BBL		4,592			35,05				OF TRAFFIC					1	0	
ELECTRICITY	КW		0				0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0	
						1.00		TOTAL NON-EFFECTIVE TIME							2	25	
LUBRICANTS MOB DATE	GAL	-		1,296 DEMOB DATE		6 PCT. OF NON-EFFECTIVE 10%					10%						
	04/01/2019		0REDGE START DEMO 04/01/2019							NON-EFFECTIVI T OF WORK)	ETIME				23	55	
	1							100									

	PAGE NO. Page 108 of 143										
CONTRACT NO.		REPORT NO.									
W9127818D0103 W9127818F0624	B18F0624         Maintenance Dredging of Mobile Harbor         Mike Hooks, L.L.C						54				
DREDGE	Pipeline Dredge Missouri H						<b>DATE</b> 05/24/2019				
	ATTENDANT PLANT	LOST TIME	(NOT C	IOT CHARGEABLE TO COST OF WORK)							
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0			
Tender	Ashley	250	24:00	CESSATION			0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS			0	5			
				TOTAL LOST TIME			0	5			
				PERCENTAGE OF TOTAL TIME	0%	%					
				TOTAL TIME IN PERIOD	·		24	0			

### GENERAL COMMENTS

Misc: (0%) 0:05 swap generators.

### SAFETY

Weather monitored on Friday: sunny, humid, and hot. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing and maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.							
QC REPRESENTATIVE'S SIGNATURE	DATE		SUPERINTENDENT'S INITIALS	DATE				

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	age 10	9 of 143				
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.				
W9127818D0103 V	N9127818F0624	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								55	
CHARACTER O REPORT	F		-			<	ENV	IRONMENT/	۹L			<b>DATE</b> 05/25	5/2019				
		NAME AND T								SHIFTS PER D	۹Y		DAYS P	ER WE	EK		
DRED	GE	Pipeline Dredg		I H			0000000000					2				7	
		PIPELINE	ZE DIPPER	OR	DREDGE		RSEPOWER	CUTTER O	R	DREDGE	NO. SHORE		W MEMB	ERS	тот	N	
		FIFELINE	BUCKET		PUMP	PIP	E JET	BUCKET		DREDGE	SHUK	=	UTHER		1017	<b>\L</b>	
		8000		0	4000		0		0	29		4		0		33	
		1			LOCAT	ION/O	CHANNEL O	FWORK									
		REACH DREDO	GED; STA	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMMU				
LOCATIO					3+25 to 36+05		North F	Blakeley		GROSS (CY) 20,	525		DEPOSI		DA (C , <b>521</b>	Y)	
		<u>(center cut</u> GRAVEL	Alabama SAND	gas pi	peline plug) CLAY	ми		SILT		HARDPAN	STONE		731	,321 ОТН	ED		
CHARACT MATERIA		0 %	50 %		0 %	0 %		50 %		0 %	0 %	-	SHELL 0 %		0%	LK	
CHANNEL C	. ,	P	VERAGE	DEPTI	H	BE	FORE DREI	DGING		38.90	AFTE	R DRED	GING		43	3	
RIVER/	TIDE	MIN	0.70	ТІМЕ	0	3:00	MAX	2	тім	ME 17:00 GAGE LOCATION E					Electronic Gage		
STAC	<b>BE</b>	MIN	0	ТІМЕ	0	0:00	MAX	0	тім	1E 00	:00 GA	GE DATI	JM M	ILLW			
		WEATHER					TEMP (min/	'max)	VIS	BILITY	WI	ND					
WEATHER C	ONDITION	Weather Cau	sed No De	elay			73 °F /	/ 87 °F		7 MI		5 variat	le MPH				
	I	WORK PERFOR	RMED							DISTRIBL		FWOR	(	1			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		2K)		HR	ł.	MIN.	
AVERAGE OF CL		FT				30		G OR DRED				,			18	30	
TOTAL AD THIS PEF		FT			285 PCT OF EFFECTIVE TIME BOOSTER (IN LINE)				E			77%	-				
TOTAL AD PREVIOU		FT			15,254			NON									
TOTAL AD TO DA	-	FT			15,539 HANDLING PIPE L					EABLE COST OF	WORK	)			0	0	
SCOWS LC	DADED	NUMBER						IG ANCHOR	LIN	ES					0	25	
AVERAGE PER SC		CY					0								1	0	
FLOATING PIPE	4,790	SHORE PIPE 1,0	00	SUBM 2.000	IERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	25	
TOTAL LENGTH	I OF DISCHA	RGE PIPE F1	Г	_,		7,79	0 TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0	
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				1	10	
							LOSS DU		SIN	G NATURAL ELE	MENTS	3			0	0	
AMOUNT DRED THIS DATE			20,525			18,65	<sup>9</sup> SHORE L	INE AND SH	HOR	E WORK					0	0	
AMOUNT PREV REPORTED	IOUSLY		710,996		64	43,77	_	FOR BOOS							0	0	
TOTAL AMOUN DREDGED TO D			731,521		6	62,43	1				IN REM	ARKS)			0	0	
AMOUNT DRED PUMPING/CUTT	-		1,109.46		1,1	008.5	9								0	0	
		OPERATING SUP	PPLIES				TRANSFI		ANT	BETWEEN WOR	KS				0	0	
соммог	ΟΙΤΥ	CONSUME	 D		CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0	
	115.07		,				SUNDAY	S AND HOLI	IDAY	/S					0	0	
ITEM	UNIT	QUANTITY			QUANTITY		FIRE DRI								0	0	
FUEL	BBL		4,276		:	30,77	1010 01110	OUT OF WA		-					1	35	
ELECTRICITY	КW		0					ANEOUS (E	XPL	AIN IN REMARK	S)				0	0	
LUBRICANTS	GAL		0 1,296 -											4	35		
MOB DATE DREDGE START DEMOB DATE						E NON-EFFECTIV			19%								
	04/01/2019	04	/01/2019							T OF WORK)					23	5	

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	e Harbor	N	like Hooks, L.L.C		55					
DREDGE	Pipeline Dredge Missouri H			<b>DAT</b> 05	<b>E</b> /25/2019						
	ATTENDANT PLANT			LOST TIME	(NOT (	CHAF	RGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0			
Tender	Ashley	250	24:00	CESSATION			0	0			
Tender	Grayson	500	24:00	COLLISIONS			0	0			
				MISCELLANEOUS			0	55			
				TOTAL LOST TIME			0	55			
				PERCENTAGE OF TOTAL TIME	49	%					
			TOTAL TIME IN PERIOD	·		24	0				

## GENERAL COMMENTS

Misc: (0%) 0:55 replaced buoy for port swing anchor

Dredge turned around and started dredging operations at station 38+25 (Mobile gas pipeline plug)

#### SAFETY

Weather monitored on Saturday: foggy AM, then sunny, humid, hot. Dredging upstream after rotating dredge. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing, maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. Safety Meeting: Job Safety Analysis. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used a	and work performed during t	is Report is complete and correct ar his Reporting period are in complia knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									Pa	age 11	11 of 143			
CONTRACT NO.	CONTRACT TI	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 W9127818F062	4 Maintenance D	Dredging o	of Mobi	le Harbor		Mike Hoo	ks, L.L.C								56
CHARACTER OF REPORT		-		NEW WORK	(	ENV	IRONMENTA	۸L			<b>DATE</b> 05/26	/2019			
									SHIFTS PER D	AY		DAYS P	ER WE	EK	
DREDGE	Pipeline Dredge		H T			05001/50					2		500		7
	SIZ	<u>CE</u> DIPPER O	DR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEMB	ERS	тот	Δ1
		BUCKET	1	PUMP	PIPE	EJET	BUCKET		DIVEDUE	ONOR	-	OTTIER		1017	1L
	8000		0	4000		0		0	29		4		0		33
				LOCAT	ION/C	HANNEL C	F WORK		I						
	REACH DREDG	ED; STATI	ION TO	STATION	DISF		EA USED		QTY DEPOSITE	D		CUMMU			
LOCATION OF WORK	east cut Alabar					North F	Blakeley		GROSS (CY)	871		DEPOSI		DA (C 3,392	Y)
		SAND	· · · ·	CLAY	MUE		SILT		HARDPAN	STONE	-	SHELL			
CHARACTER OF MATERIAL (%)		50 %		0 %	0 %		50 %		0 %	0 %	-	0 %		0 %	-11
CHANNEL CONDITION	A	VERAGE D	DEPTH		BEF	ORE DREI	DGING		38.30	AFTE	R DRED		43	3	
RIVER/TIDE	MIN	0.70	TIME	03	3:00	MAX 2 TIME 16:00			:00 GA	GE LOC/	ATION E	lectroni	ic Gag	e	
STAGE	MIN	0	TIME	0	0:00	MAX	0	TIN	/E 00	:00 GA	GE DATI	JM N	ILLW		
	WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER CONDITION	Weather Caus	ed No Dela	ay			71 °F	/ 92 °F		10 MI		5 E-SE-	VARIABL	E MPH		
	WORK PERFOR	MED							DISTRIBL			(			
ITEM	UNIT			QUANTITY									HF	۲.	MIN.
AVERAGE WIDTH OF CUT	FT				225		G OR DRED		ABLE TO COST ( G		(K)			16	50
TOTAL ADVANCE THIS PERIOD	FT						EFFECTIVE	TIM	E			70%	-		
TOTAL ADVANCE PREVIOUSLY	FT		15,539 -												
TOTAL ADVANCE TO DATE	FT			1	15,929	HANDLIN	(CHARGEABLE COST OF WORK) HANDLING PIPE LINES							0	0
SCOWS LOADED	NUMBER				C		IG ANCHOR	LIN	IES					0	5
AVERAGE LOAD PER SCOW	CY				C	)			PUMP LINES					0	0
	SHORE PIPE 1,00		SUBME 2.000	RGED PIPE			FOR SCOW		D SUCTION HEAD	)				2	55
TOTAL LENGTH OF DISCHA	RGE PIPE FT		2,000		7,790	-			OR ANCHORAGE					0	0
	· · · · · · · · · · · · · · · · · · ·				,	CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	45
CUBIC YARDS REMOVED	GROSS			CREDITED		LOSS DL		SIN	IG NATURAL ELE	MENTS	3			0	0
AMOUNT DREDGE THIS DATE		16,871		1	15,337	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREVIOUSLY REPORTED		731,521		66	62,431	WAITING	FOR BOOS	TER	२					0	0
TOTAL AMOUNT DREDGED TO DATE		748,392		67	77,768		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DREDGED PER		1,002.24			911.11		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTTING HR						PREPAR			KING UP TOW					1	55
	OPERATING SUP	PLIES				_			BETWEEN WOR	KS				0	0
COMMODITY	CONSUMED	)		CREDITED					ID SATURDAYS					0	0
ITEM UNIT	M UNIT QUANTITY QUANTITY					SUNDAYS AND HOLIDAYS								0	0
FUEL BBL	BBL 3,358 27,418											1	30		
ELECTRICITY KW					0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0		
		0			1,296	TOTAL NON-EFFECTIVE TIME							7	10	
LUBRICANTS GAL MOB DATE	DREDGE START	-		3 DATE	PCT. OF NON-EFFECTIVE 30%				30%						
04/01/2019		/01/2019							NON-EFFECTIVI T OF WORK)	ETIME				24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	F	REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		56					
DREDGE	Pipeline Dredge Missouri H			C	DATE 05/26/2019						
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		0	0				
				TOTAL LOST TIME		0	0				
				PERCENTAGE OF TOTAL TIME	0%	,					
				TOTAL TIME IN PERIOD	·	24	0				

#### GENERAL COMMENTS

Dredge completed center cut, moved back to east cut to dig Mobile AL gas pipeline at station 38+55 dredging to station 35+55, then dredge moved to subline crossing at station 00+00 dredging east to west.

#### SAFETY

Weather monitored on Sunday: sunny, hot. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing, maintaining vessels, and moving dredge site to site. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. Safety Meeting: Job Safety Analysis. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work perfor	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE SUPERINTENDENT'S INITIALS DATE											

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									Pa	age 11	3 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	RT NO.		-	
W9127818D0103 V	W9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								57
CHARACTER O REPORT	F	X MAINTE	NANCE			(	ENV	IRONMENT	٩L			<b>DATE</b> 05/27	/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER				NO	2	W MEMB			7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	EKS	тот	4
			BUCKET		PUMP	PIPE	IJET	BUCKET					-		-	
		8000		0	4000		0		0	29		4		0		33
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STAT	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMU DEPOSI			
WOR		0+05 to	4+10 (Sub	blinr C	rossing)		North E	Blakeley			366		DEFOOI		, <b>75</b> 8	.,
CHARACT		GRAVEL	SAND		CLAY	MUC	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	50 %		0 %	0 %		50 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	ŀ	AVERAGE	DEPTI	Н	BEF	ORE DRE	DGING		41.50	AFTE	R DRED	GING		47	,
RIVER/	TIDE	MIN	1	TIME	03	3:00	MAX 2.20 TIME 13:00			:00 GA	GE LOC	ATION E	lectron	ic Gag	е	
STAC	GE	MIN	0	ТІМЕ	00	0:00	MAX	0	тιм	/E 00	:00 GA	GE DATI	JM N	ILLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	elay			72 °F	/ 90 °F		4 MI		SE @ 5	to 10 MP	н		
		WORK PERFO	RMED							DISTRIBL		F WOR	(			
ITEM	1	UNIT			QUANTITY					CTIVE WORKING ABLE TO COST (				HF	<b>λ</b> .	MIN.
AVERAGE OF CL		FT				150	PUMPIN	G OR DRED				(K)			19	0
TOTAL AD\ THIS PEF		FT			405 PCT OF EF				TIM	E			79%			
TOTAL AD PREVIOU		FT			15,929 BOOST											
TOTAL AD TO DA	-	FT			(CHARGEABLE COST OF WC 16,334 HANDLING PIPE LINES				WORK	.)			0	0		
SCOWS LC	DADED	NUMBER				0	HANDLIN	IG ANCHOR	LIN	IES					0	35
AVERAGE PER SC		CY				0	)								2	10
FLOATING PIPE	4,790	SHORE PIPE 1,0	00	SUBM 2.000	IERGED PIPE			FOR SCOV		SUCTION HEAD	)				1	15
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	r	_,		7,790	TO AND	FROM WHA	RF (	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
		GRU33			UNEDITED		LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		13,366		1	12,150	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		748,392		67	77,768	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			761,758		68	39,918				PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT	-		703.47		e	639.47	,								0	0
FOMFING/COTT		OPERATING SU	PPLIES							KING UP TOW	KS				0	0
соммог	דור	CONSUME			CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
			_				SUNDAY	S AND HOL	IDAY	ΥS					0	0
ITEM	UNIT	QUANTITY	ſ		QUANTITY		FIRE DR	ILL							0	0
FUEL	BBL		4,720			0	MOVING	OUT OF WA	AY O	OF TRAFFIC					0	0
ELECTRICITY	ĸw		0		0 MISCELLANEOUS (EXPLAIN IN REMARKS)				S)				0	0		
LUBRICANTS	GAL		10	0 TOTAL NON-EFFECTIVE TIME						_		4	0			
MOB DATE		DREDGE START		DEMC	DB DATE			NON-EFFEC					17%			
	04/01/2019	04	4/01/2019							NON-EFFECTIVI T OF WORK)					23	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	R	REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobi	le Harbor	like Hooks, L.L.C			57					
DREDGE	Pipeline Dredge Missouri H				<b>ATE</b> 05/27/2019						
	ATTENDANT PLANT			LOST TIME	(NOT CH	ARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS		1	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		0	0				
				TOTAL LOST TIME		1	0				
				PERCENTAGE OF TOTAL TIME	4%						
				TOTAL TIME IN PERIOD	•	24	0				

### GENERAL COMMENTS

Dredging the subline crossing from station 00+05 to station 4+10 (dredging east to west). MOR: (0%) Repairing air leaks in the Engine Room Air Compressor.

#### SAFETY

Weather monitored on Monday: sunny, hot. Dredging west across channel. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing, and maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. Safety Meeting: Heat Stress Prevention. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used ar	nd work performed during t	s Report is complete and correct ar his Reporting period are in complian knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									Pa	age 11	5 of 143				
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								58
CHARACTER O REPORT	F					<	ENV	IRONMENT	۹L			<b>DATE</b> 05/28	/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	e Missouri ZE	н			SEPOWER				NO	2	W MEMB			7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE			EKS	тот	
			BUCKET		PUMP	PIPE	JET	BUCKET					-		-	
		8000		0	4000		0		0	29		4		0		33
					LOCAT	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DREDO	GED; STAT		O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU			
WOR		4+10 to 7+10 0+00 to 2+25	0 (digging	Sublin	nr Crossing)		North E	Blakeley			670				, <b>428</b>	1,
CHARACT		GRAVEL	SAND	g subi	ne crossing) CLAY	MUC	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	50 %		0 %	0 %		50 %		0 %	0 %		0 %		0 %	
CHANNEL C	CONDITION	A	VERAGE	DEPTH	1	BEF	ORE DRE	DGING		44.10	AFTE	R DRED	GING		47	,
RIVER/		MIN	1.50	ТІМЕ	0	3:00	MAX 2 TIME 13:00			:00 GA	GE LOC	lectroni	ic Gag	е		
STAC	GE	MIN	0	TIME	0	0:00	MAX	0	тім	/E 00	:00 GA	GE DATI	JM N	1LLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER C	ONDITION	Weather Cau	sed No De	lay			72 °F	/ 91 °F		10 MI		5 variab	le MPH			
		WORK PERFOR	RMED							DISTRIBL		F WOR	(	1		
ITEM	1	UNIT			QUANTITY		1							HF	<b>λ</b> .	MIN.
AVERAGE OF CL		FT				150	PUMPIN	G OR DRED		ABLE TO COST ( G		in)			16	30
TOTAL AD THIS PER		FT				PCT OF I	EFFECTIVE	ТІМІ	E			69%				
TOTAL AD PREVIOU		FT			16,334					ECTIVE WORKI						
TOTAL ADV TO DA	-	FT			16,864 нд			(CHA IG PIPE LINI		EABLE COST OF	WORK	)			0	0
SCOWS LC		NUMBER				0	HANDLIN	IG ANCHOR	LIN	IES					0	20
AVERAGE	LOAD	СҮ				0		IG PUMP AN	ID P	UMP LINES					0	40
PER SC				SUBM	ERGED PIPE	0		IG CUTTER	ANC	SUCTION HEAD	C				0	30
FLOATING PIPE	3,470	SHORE PIPE 1,0		2,000			-	FOR SCOV							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F1	Г 			6,470									0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					OF PLANT ON JO					1	40
AMOUNT DRED	GE		9,670			8,791		JE TO OPPC	SIN	G NATURAL ELE	EMENTS	5			0	0
THIS DATE			9,070			0,791	SHORE L	INE AND SH	HOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		761,758		68	89,918		FOR BOOS							0	0
TOTAL AMOUN DREDGED TO D			771,428		69	98,709				PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT	-		586.06		ţ	532.79				NT PLANT					0	0
		OPERATING SUF	PPLIES				I			BETWEEN WOR	KS				0	0
соммо		CONSUME	 D		CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
							SUNDAY	S AND HOL	IDAY	YS					0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		FIRE DR	ILL							0	0
FUEL	BBL		3,032			0	MOVING	OUT OF WA	AY O	F TRAFFIC					4	20
ELECTRICITY	кw		0	0 0 MISC				0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0
LUBRICANTS	GAL		10 TOTAL NON-EFFECTIVE TIME						_		7	30				
MOB DATE		DREDGE START		DEMO	B DATE			NON-EFFEC					31%			
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)						24	0				

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	1	REPORT NO.					
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C				58			
DREDGE	Pipeline Dredge Missouri H						28/2019				
	ATTENDANT PLANT			LOST TIME	(NOT C	CHARG	GEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0			
Tender	Ashley	250	24:00	CESSATION			0	0			
Tender	Grayson	500	24:00	COLLISIONS			0	0			
				MISCELLANEOUS			0	0			
				TOTAL LOST TIME			0	0			
				PERCENTAGE OF TOTAL TIME	0%	%					
			TOTAL TIME IN PERIOD	ŀ		24	0				

### GENERAL COMMENTS

Dredging the subline crossing from station 4+10 to station 7+10 (dredging east to west), then dredge moved back at station 0+00 to sweep material left in the template.

#### SAFETY

Weather monitored on Tuesday: sunny, hot. Dredging west across channel. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing, and maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used a	nd work performed during t	is Report is complete and correct ar his Reporting period are in complian knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE		DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUC								ET/PIPELIN	NE			PAGE	NO.	Pa	age 11	7 of 143
CONTRACT NO		CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.		•	
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								59
CHARACTER O REPORT	F		NANCE		NEW WORK		ENV	IRONMENTA	AL.			<b>DATE</b> 05/29	)/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS F	PER WE	EK	
DRED	GE	Pipeline Dredg		i H			05001/50					2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO. SHORE				тот	
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIREDGE	311013	-	OTTLIK		101/	1
		8000		0	4000		0		0	23		4		0		27
					LOCATI	ON/C	HANNEL O	F WORK								
		REACH DREDO	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMU			
					25 to 7+00 and		North E	Blakeley			276		DEPOS		5,704	ŤĴ
CHARACT		GRAVEL	<u>m 30+00 t</u> SAND	0 30+9	0 (West cut) CLAY	MUE		SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	60 %		0 %	0 %		25 %		0 %	0 %		0 %		15 %	
CHANNEL C	HANNEL CONDITION AVERAGE DEPTH BEFORE DRED					DGING		41.50	AFTE	R DRED	GING		43	3		
RIVER/		MIN	1.60	TIME	03	3:00 I	MAX 2.10 TIME 12:00 0				:00 GA	GE LOC	ATION E	Electron	ic Gag	e
STAGE MIN 0 TIME 00:00					D:00 I	MAX	IAX 0 TIME 00:00 GAGE DATUM									
WEATHER C		WEATHER					TEMP (min/	/max)	VIS	BILITY	11W	ND				
WEATHER C	UNDITION	Weather Cau		elay			73 °F /	/ 90 °F		4 MI		S 10 M				
		WORK PERFOR	RMED							DISTRIBL	JTION C	F WOR	(			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING		RK)		HF	۶.	MIN.
AVERAGE OF CL	JT	FT				150		G OR DRED				7			16	30
	TOTAL ADVANCE FT 565 PCT OF EFFECTIVE TIME 69%						-									
	TAL ADVANCE PREVIOUSLY FT 16,864 BOOSTER (IN LINE) (CHARGEABLE COST OF WORK)					-										
TOTAL AD TO DA		FT			1	17,429	HANDLIN	IG PIPE LINI		EABLE COST OF	WORK	.)			0	0
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	ES					0	20
AVERAGE PER SC		CY				C	)			UMP LINES					0	35
FLOATING PIPE		SHORE PIPE 1,0	00	SUBM 2,000	IERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	5
TOTAL LENGTH	I OF DISCHA	RGE PIPE F1	г	2,000		6,470	-			OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	50
					OREDITED		LOSS DL	JE TO OPPO	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		4,276			3,888	3 SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		771,428		69	98,709	WAITING	FOR BOOS	TER	R					0	0
TOTAL AMOUN DREDGED TO D			775,704		70	)2,597	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		259.15		2	235.64	. ——	FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SUF	PPLIES							KING UP TOW	NK S				0	0
COMMODITY CONSUMED CREDITED LAY TIME OFF SHIFT AND SAT										0	0					
COMMOL		CONSUME			CREDITED		SUNDAY	S AND HOLI	IDAY	/S					0	0
ITEM	UNIT	QUANTITY	<b>,</b>		QUANTITY		FIRE DRI								0	0
FUEL	BBL		5,010			C	MOVING	OUT OF WA	AY O	F TRAFFIC					5	40
ELECTRICITY	KW		0			C	MISCELL	ANEOUS (E	XPL	AIN IN REMARK	S)				0	0
LUBRICANTS GAL 10 0				IVE	TIME					7	30					
MOB DATE DREDGE START DEMOB DATE PCT.					NON-EFFEC					31%						
	04/01/2019	04	/01/2019							NON-EFFECTIV FOF WORK)	EIIME				24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE											
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REPORT NO.						
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	e Harbor	N	like Hooks, L.L.C				59				
DREDGE	REDGE Pipeline Dredge Missouri H							<b>DATE</b> 05/29/2019				
	ATTENDANT PLANT			LOST TIME	(NOT (	CHAR	RGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN				
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0				
Tender	Ashley	250	24:00	CESSATION			0	0				
Tender	Grayson	500	24:00	COLLISIONS			0	0				
				MISCELLANEOUS			0	0				
				TOTAL LOST TIME			0	0				
				PERCENTAGE OF TOTAL TIME	0	%						
				TOTAL TIME IN PERIOD	•		24	0				

## GENERAL COMMENTS

West cut dredging operations commenced at 17:50.

## SAFETY

Weather monitored on Wednesday: Overcast and hot. Dredging sub-line crossing and West cut. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing, and maintaining vessels. Engine crew repairing equipment, maintaining compartment. Dump site illuminated, dry access. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work p	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE		SUPERINTENDENT'S INITIALS	DATE								

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.									Pa	age 11	9 of 143					
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	W9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								60
CHARACTER O REPORT	F		-		NEW WORK	(	ENV	IRONMENT	٩L			<b>DATE</b> 05/30	/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER				NO	2	W MEMB			7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE			ERS	тот	41
			BUCKET		PUMP	PIPE	EJET	BUCKET			001.	-	0			
		8000		0	4000		0		0	23		4		0		27
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU			
WOR		Wes	t cut: 30+	90 to 3	4+00		North E	Blakeley			26				),830	.,
CHARACT		GRAVEL	SAND		CLAY	MUE	)	SILT		HARDPAN	STONE		SHELL		отн	ER
MATERIA		0 %	60 %		0 %	0 %		25 %		0 %	0 %		0 %		15 %	
CHANNEL O	CONDITION	A	AVERAGE	DEPTI	Н	BEF	ORE DRE	DGING		41.50	AFTE	R DRED	GING		43	3
RIVER/		MIN	1.60	TIME	22	2:00	MAX	2.40	TIN	/IE 13	:00 GA	GE LOC	ATION E	lectron	ic Gag	e
STAC	STAGE MIN 0 TIME 00:00					0:00	MAX	IAX 0 TIME 00:00 GAGE DATUM N						1LLW		
WEATHER CONDITION						TEMP (min/	/max)	VIS	SIBILITY	IW	ND					
WEATHER C	UNDITION	Weather Cau		lay			73 °F	/ 89 °F		5 MI		S - 10				
		WORK PERFO	RMED							DISTRIBL	JTION C	of work	(	1		
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		RK)		HF	۶.	MIN.
AVERAGE OF CL	JT	FT				250		G OR DRED				,			14	45
TOTAL AD THIS PER		FT							-							
TOTAL AD PREVIOU		FT 17,429 BOOSTER (IN LINE)					-									
TOTAL AD TO DA	-	FT			1	(CHARGEABLE COST OF WORK) 17,739 HANDLING PIPE LINES							2	0		
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	IES					0	20
AVERAGE PER SC		CY				C	)			UMP LINES					0	0
FLOATING PIPE	-	SHORE PIPE 1,0	00	SUBM 2.000	IERGED PIPE			FOR SCOV		SUCTION HEAD	)				0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	т	2,000		7,040	-			OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
					UNEDITED		LOSS DU	JE TO OPPC	SIN	G NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		5,126			4,660	) SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV REPORTED	IOUSLY		775,704		70	02,597	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			780,830		70	)7,257	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		347.53			315.93	3	FOR ATTE							0	0
PUMPING/CUT1	ring hr	OPERATING SUI					PREPAR								0	0
												0	0			
СОММОГ	ΣΙΤΥ	CONSUME	D		CREDITED			S AND HOL							0	0
ITEM	UNIT	QUANTITY	ſ		QUANTITY		FIRE DR								0	0
FUEL	BBL		3,032			C	MOVING	OUT OF WA	Y O	F TRAFFIC					6	15
ELECTRICITY	KW		0			C		ANEOUS (E	XPL	AIN IN REMARK	S)				0	15
LUBRICANTS	GAL		10			C		ON-EFFECT	IVE	TIME					8	50
MOB DATE DREDGE START DEMOB DATE PCT. OF NON-EFFECTIVE								37%								
TOT								NON-EFFECTIVI T OF WORK)	ETIME				23	35		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										
CONTRACT NO.	CONTRACT TITLE		C	CONTRACTOR	RI	EPORT NO.	_				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		60					
DREDGE	Pipeline Dredge Missouri H					<b>ATE</b> 05/30/2019					
	ATTENDANT PLANT			LOST TIME	ARGEABLE TO COS	T OF WORK)					
ITEM			HR	MIN							
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0				
Tender	Ashley	250	24:00	CESSATION		0	0				
Tender	Grayson	500	24:00	COLLISIONS		0	0				
				MISCELLANEOUS		0	25				
				TOTAL LOST TIME		0	25				
				PERCENTAGE OF TOTAL TIME	2%						
				TOTAL TIME IN PERIOD	•	24	0				

#### **GENERAL COMMENTS**

n/a

## SAFETY

Weather report was summited to the captain and lever room before the start of the shift, Dredging continued, Outside crews were observed shifting anchors and moving pontoons for passing traffic. Engine crew working preforming preventive maintenance in engine room and also replacing bulbs for the emergency lighting in the Hall way of the living quarters. Dump site work area was inspected, JSA reviewed, employees were asked to empty the full trash can. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and v	vork performed during t	is Report is complete and correct ar his Reporting period are in complia knowledge, except as noted above.	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DA	TE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										Pa	age 12	21 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	W9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								61
CHARACTER O REPORT	F	X MAINTE			NEW WORK	(	ENV	IRONMENT	۹L			<b>DATE</b> 05/31	/2019			
										SHIFTS PER D	ΔY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н		НОБ	RSEPOWER	,		NO		W MEME	ERS		7	
		PIPELINE	DIPPER		DREDGE	SU	CTION	CUTTER O	R	DREDGE	SHORE		OTHER		тот/	AL.
			BUCKET		PUMP	PIP	E JET	BUCKET								
		8000		0	4000		0		0	23		4		0		27
					LOCAT	ION/C	CHANNEL O	OF WORK			-					
LOCATIO		REACH DREDO	GED; STAT	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	D		CUMMU			
WOR	RK	Wes	t cut: 34+0	00 to 3	5+50		North E	Blakeley		4,4	12			785	5,242	
		GRAVEL 0 %	SAND 60 %		CLAY 0 %	MU 0 %		SILT 25 %		HARDPAN 0 %	STONE 0 %	•	SHELL 0 %		OTH 15 %	
CHANNEL O			AVERAGE DEPTH BEFORE DREDGING 41.50 AFTER DREDGING								43	3				
RIVER/	TIDE	MIN	1.30 TIME 22:00 MAX 2.20 TIME 08:00 GAGE LOCATION EM						Electroni	ic Gag	е					
STAC		MIN	0	ТІМЕ	0	0:00	MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	/LLW		
WEATHER TEMP (min/max) VISIBILITY WIND							ND									
WEATHER C	ONDITION	Weather Cau	sed No De	lay			0 °F /	/ 0 °F		5 MI		Variable	e 0-5 MPH	1		
		WORK PERFO	RMED							DISTRIBL		FWOR	C			
		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		K)		HF	R.	MIN.
AVERAGE OF CL		FT	250 PUMPING OR DREDGING								14	35				
TOTAL AD THIS PER		FT				15		EFFECTIVE	TIM	E			61%			
TOTAL AD PREVIOU	-	FT 17,739 BOOSTER (IN LINE) NON-EFFECTIVE WORKING TIME					-									
TOTAL AD		FT				(CHARGEABLE COST OF WORK) 17,889 HANDLING PIPE LINES							2	55		
SCOWS LC		NUMBER						IG ANCHOR	LIN	ES					0	20
AVERAGE		CY						IG PUMP AN	ID P	UMP LINES					1	10
			00	SUBM	IERGED PIPE			IG CUTTER	AND	SUCTION HEAD	)				0	10
FLOATING PIPE		SHORE PIPE 1,0		4,250			_	FOR SCOV							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	г — — — — —			7,57				OR ANCHORAGE					0	0
CUBIC YARDS	REMOVED	GROSS			CREDITED					G NATURAL ELE					0	0
AMOUNT DRED	GE		4,412			4,01	1								0	0
THIS DATE AMOUNT PREV	IOUSLY		780,830		7(	)7.25	_	FOR BOOS	-	-					0	0
REPORTED	Т		785,242			11,26				PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			100,242		1	11,20		FOR ATTE	NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUT1			302.54		2	275.0	4 PREPAR	ATION AND	MAł	KING UP TOW					0	0
OPERATING SUPPLIES TRANSFERRING PLANT BETWEEN WORKS								0	0							
соммог	ΟΙΤΥ	CONSUME	D		CREDITED		LAY TIME	E OFF SHIFT	ΓAN	ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	(		QUANTITY			S AND HOL	IDAY	/S					0	0
FUEL	BBL		3,300												0	0
						0 MOVING OUT OF WAY OF TRAFFIC							4	30		
ELECTRICITY	KW		0			TOTAL NON-EFFECTIVE TIME							9	5		
LUBRICANTS	GAL		10				0	NON-EFFEC					38%			
MOB DATE DREDGE START DEMOB DATE TOTAL EFFECTIVE AND NON-EFF					NON-EFFECTIVI	ETIME				23	40					
04/04/0040					(CHARGE	EABLE TO C	OST	F OF WORK)					20	+0		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	CONTRACTOR	RE	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	Ν	like Hooks, L.L.C		61				
DREDGE	Pipeline Dredge Missouri H				DA	<b>TE</b> 05/31/2019				
	ATTENDANT PLANT	LOST TIME	(NOT CHA	ARGEABLE TO COS	T OF WORK)					
ITEM		HR	MIN							
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	20			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	20			
				PERCENTAGE OF TOTAL TIME	1%					
				TOTAL TIME IN PERIOD		24	0			

#### GENERAL COMMENTS

THE QC DEPT. TOOK AD CHECKS AT STATION 32+76, 34+00 (WEST CUT), & 0+00 TO 7+00 (SUBLINE CROSSING). CHECKS SHOW THE DREDGE LEAVING AT LEAST -43' OF WATER (WEST CUT), AND IN SUBLINE CROSSING ARE SHOWING -47.5 + THE TIDE. THE DREDGE ADVANCED 150' IN THE WEST CUT FROM STATION 34+00 TO 35+50. NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC . THE DISCHARGE HEIGHT HAS BEEN ELEVATED, CLEAR WATER STILL FLOWING INTO THE WEIR BOX. (MATERIAL IS BUILDING UP IN CELL # 2). INSPECTED NORTH PINTO DA CLEAR WATER IS STILL GOING INTO THE S.W. WEIR STRUCTURE SLOWLY AND BOARDS WILL BE REMOVED TO INCREASE THE FLOW).

### SAFETY

Weather report was summited to the captain and lever room before the beginning of shift, Dredging continued, Outside crews were observed shifting anchors and moving pontoons for passing traffic. Outside crews also relocated the submerge line across the channel. Utility Gas Line was safety crossed, Engine room crew was working preforming preventive maintenance in engine room. SSHO completed routine inspections of the vessel and the employees work activities. All found discrepancies were All fire extinguishers were inspected and updated. SSHO assisted with the removal of trash from the vessel. Weekly Safety meeting was held. The dump site work area was inspected, JSA reviewed.

No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work perfor	certify that this Report is complete and correct a rmed during this Reporting period are in compli ne best of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELI								NE			PAGE	NO.	Pa	age 12	23 of 143	
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging o	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								62
CHARACTER O REPORT	F		-			<	ENV	IRONMENTA	۹L			<b>DATE</b> 06/01	/2019			
										SHIFTS PER D	۹Y		DAYS P	PER WE	EK	
DRED	GE	Pipeline Dredg		н — т			05001/50					2				7
		PIPELINE	ZE   DIPPER (	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEME		тот	<b>Δ1</b>
			BUCKET		PUMP	PIPE	EJET	BUCKET		DILEDGE	onora	-	OTTLER		1017	
		8000		0	4000		0		0	23		4		0		27
					LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED; STAT		O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMML			
LOCATIC		West cut: 3			nd 37+70 to		North F	Blakeley		GROSS (CY) 16,	400		DEPOS		DA (C 1,642	Y)
		GRAVEL	42+1 SAND	5	CLAY	MUE		SILT		HARDPAN	STONE		SHELL		отн	FR
CHARACT MATERIA		0 %	60 %		0 %	0 %		25 %		0 %	0 %	-	0 %		15 %	
CHANNEL C	CONDITION	ļ	VERAGE	DEPTH	1	BEF	ORE DRE	DGING		39.80	AFTE	R DRED	GING		43	3
RIVER/	TIDE	MIN	0.70	ТІМЕ	2	3:00	MAX	2.20	тім	1E 13	:00 GA	GE LOC	ATION E	Electron	ic Gag	е
STAG	<b>BE</b>	MIN	0	ТІМЕ	0	0:00	MAX	0	тім	1E 00	:00 GA	GE DATI	JM N	MLLW		
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed No Del	lay			79 °F	/ 90 °F		5 MI		5 MPH				
		WORK PERFOR	RMED							DISTRIBL		FWOR	(	-		
ITEM	1	UNIT			QUANTITY									HF	र.	MIN.
AVERAGE OF CU		FT				250		G OR DRED		ABLE TO COST ( G	DF WOR	K)			20	15
	TOTAL ADVANCE THIS PERIOD     FT     505     PCT OF EFFECTIVE TIME     84%															
	TOTAL ADVANCE PREVIOUSLY FT 17,889 BOOSTER (IN LINE) NON-EFFECTIVE WORKING TIME						-									
TOTAL AD TO DA		FT				(CHARGEABLE COST OF WORK) 18,394 HANDLING PIPE LINES						1	25			
SCOWS LC	DADED	NUMBER				C		IG ANCHOR	LIN	ES					0	35
AVERAGE PER SC		CY				C	)	IG PUMP AN		-					0	50
FLOATING PIPE		SHORE PIPE 1,0		SUBM 4,250	ERGED PIPE			FOR SCOW		SUCTION HEAD	)				0	15
TOTAL LENGTH	I OF DISCHA	RGE PIPE F		4,200		8,210	-			OR ANCHORAGE					0	0
							CHANGI	NG LOCATIO	DN C	F PLANT ON JO	В				0	35
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DU		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		16,400			14,909	SHORE L	LINE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		785,242		7	11,268	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			801,642		7:	26,177	, MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		809.88			736.25	5								0	0
PUMPING/CUTT		OPERATING SU	PPLIES							KING UP TOW	KS				0	0
соммог		CONSUME			CREDITED		_			ID SATURDAYS					0	0
		CONSOME			UNEDITED		SUNDAY	S AND HOLI	IDAY	/S					0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		FIRE DR	ILL							0	0
FUEL	BBL		4,314			C	MOVING	OUT OF WA	AY O	F TRAFFIC					0	0
ELECTRICITY	KW		0			C		ANEOUS (E	XPL	AIN IN REMARK	S)				0	5
LUBRICANTS	GAL		10			C		ION-EFFECT	IVE	TIME					3	45
MOB DATE		DREDGE START		DEMO	B DATE			NON-EFFEC					16%			
	04/01/2019	04	/01/2019							NON-EFFECTIVI	= IIME				24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C		62				
DREDGE	Pipeline Dredge Missouri H					DATE 06/01/2019				
	ATTENDANT PLANT	LOST TIME	(NOT CH	ARGEABLE TO COS	T OF WORK)					
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
				TOTAL TIME IN PERIOD		24	0			

#### GENERAL COMMENTS

THE QC DEPT. TOOK AD CHECKS AT STATION 32+76, 34+00 (WEST CUT). CHECKS SHOW THE DREDGE LEAVING AT LEAST - 43' OF WATER. THE DREDGE ADVANCED FROM STATION 35+50 TO 36+10 THEN DREDGE JUMPED PIPELINE AND CONTINUED DREDGING FROM STATION 37+70 TO 42+15, FOR A TOTAL ADVANCE OF 505' IN THE WEST CUT . NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC . THE DISCHARGE ELEVATION IS THE SAME HEIGHT AS THE MATERIAL IN THE DA. (CLEAR WATER FLOWING INTO THE WEIR BOX). (MATERIAL IS BUILDING UP IN CELL # 2). NORTH PINTO DA WAS NOT INSPECTED (CLOSED GATE).

SAFETY

No incidents or accidents reported

CONTRACTOR CERTIFICATION	On behalf of the contractor, I c material used and work perform plans and specifications, to the	med during this Reporting peri	od are in complia	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDE	IT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	ige 12	5 of 143			
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	oks, L.L.C								63
CHARACTER O REPORT	F		NANCE		NEW WORK	K	ENV	IRONMENT	۹L			<b>DATE</b> 06/02	2/2019			
										SHIFTS PER D	AY		DAYS PE	R WE	EK	
DRED	GE	Pipeline Dredg		Н								2				7
		PIPELINE	ZE DIPPER	OR	DREDGE			CUTTER O	R	DREDGE	NO. SHORE		W MEMBE	ERS	тоти	
		FIFELINE	BUCKET		PUMP	PIPI	E JET	BUCKET		DREDGE	SHUK	=	OTHER		1017	1L
		8000		0	4000		0		0	23		4		0		27
					LOCAT	ION/C	HANNEL C	DF WORK								
		REACH DREDO	GED; STAT	ΓΙΟΝ Τ	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	Ð		CUMMUL DEPOSI1			
LOCATIC		Wes	t cut: 42+ <sup>,</sup>	15 to 4	7+60		North E	Blakeley		GRUSS (C F) 16,	194		DEPUSI		,836	Ύ)
CHARACT		GRAVEL	SAND		CLAY	MU		SILT		HARDPAN	STONE		SHELL	-	отн	ER
MATERIA		0 %	60 %		0 %	0 %		25 %		0 %	0 %		0 %		15 %	
CHANNEL C	CONDITION	ļ.	AVERAGE DEPTH BEF				FORE DREI	ORE DREDGING 40.10 AFTER DREDGI					GING		43	6
RIVER/		MIN	0.60	ТІМЕ	2:	3:00	MAX	/AX 2.30 TIME 13:00 G				GE LOC	ATION EI	ectroni	c Gag	е
STAG	θE	MIN	MIN 0 TIME 00:00 M				MAX	IAX 0 TIME 00:00 GAGE DATUM						LLW		
		WEATHER	WEATHER				TEMP (min/	EMP (min/max) VISIBILITY WIND								
WEATHER CO	ONDITION	Weather Cau	sed No De	lay			78 °F	/ 88 °F		5 MI		Variable	e 0 - 5 MPI	1		
		WORK PERFOR	RMED				_			DISTRIBL		FWOR	<b>(</b>			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		2K)		HR	.	MIN.
AVERAGE OF CU	JT	FT	FT 250					G OR DRED							19	20
TOTAL AD\ THIS PEF		FT		545			5 PCT OF I	EFFECTIVE	TIM	E			81%			
TOTAL AD PREVIOU		FT			18,394 BOOSTE			R (IN LINE)	-EFF	ECTIVE WORKI	NG TIMI	E				
TOTAL AD TO DA	-	FT			,	18,939	9 HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			1	5
SCOWS LC	DADED	NUMBER				(	HANDLING ANCHOR LINES								0	30
AVERAGE		CY				(	-	IG PUMP AN	ID P	PUMP LINES					0	30
PER SC		SHORE PIPE 1,0	00		IERGED PIPE					SUCTION HEAD	0				0	55
TOTAL LENGTH				4,250		8 03(		FOR SCOV							0	0
						0,000	0 TO AND FROM WHARF OR ANCHORAGE CHANGING LOCATION OF PLANT ON JOB								0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					G NATURAL ELE					0	0
AMOUNT DRED THIS DATE	GE		16,194			14,72	1	LINE AND SH				-			0	0
AMOUNT PREV	IOUSLY		801,642		72	26,177	7 WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN			817,836		74	40,898		DPERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D								FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	-		837.62			761.43	<sup>3</sup> PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SUP	PPLIES				TRANSF	ERRING PLA	ANT	BETWEEN WOR	KS				0	0
СОММОЕ	ΟΙΤΥ	CONSUMED CREDITED								ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	,	QUANTITY				S AND HOL	IDAY	/S					0	0
FUEL	BBL		3,740			(			<u></u>						0	0
							MOVING OUT OF WAY OF TRAFFIC							1	40	
ELECTRICITY	KW		0			(								4	40	
LUBRICANTS	GAL		10			(	0	NON-EFFEC					19%			
MOB DATE		DREDGE START	104 100 10	DEMC	)B DATE					NON-EFFECTIVI	E TIME		.070		24	0
	04/01/2019	04	/01/2019				(CHARGI	EABLE TO C	OST	f of Work)					24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	REF	PORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	Harbor	N	like Hooks, L.L.C			63			
DREDGE	Pipeline Dredge Missouri H				<b>DA</b> <sup>-</sup> 0	<b>FE</b> 6/02/2019				
	ATTENDANT PLANT			LOST TIME	(NOT CHA	RGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
				TOTAL TIME IN PERIOD		24	0			

#### **GENERAL COMMENTS**

THE QC DEPT. TOOK AD CHECKS FROM STATION 38+00 TO 45+00 (WEST CUT). CHECKS SHOW THE DREDGE LEAVING AT LEAST -43' OF WATER. THE DREDGE ADVANCED FROM STATION 42+15 TO 47+60, FOR A TOTAL ADVANCE OF 545' IN THE WEST CUT . NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC . THE DISCHARGE ELEVATION IS THE SAME HEIGHT AS THE MATERIAL IN THE DA. (CLEAR WATER FLOWING INTO THE WEIR BOX). (MATERIAL IS BUILDING UP IN CELL # 2). NORTH PINTO DA WAS NOT INSPECTED (CLOSED GATE).

SAFETY

Weather report was summited to the captain and lever room before the beginning of shift, Dredging continued, Outside crews were observed shifting anchors adding pontoons, cleaning the pump and shifting the line for passing traffic. Engine room crew was working preforming preventive maintenance in engine room. The engine room crews also was observed preforming maintenance on the tender boat. Welder working at the north end landing from the welding barge repairing broken pipe line. SSHO completed routine inspections of the vessel and the employees work activities. A toolbox safety meeting was conducted. Photos were taken of debris removed from the pump. No injury's or incident's reported.

CONTRACTOR CERTIFICATION	material used and work perform	rtify that this Report is complete and corrected during this Reporting period are in completes to f my knowledge, except as noted abo	liance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

		QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										NO.	Pa	ige 12	7 of 143	
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								64
CHARACTER O REPORT	F		-			K	ENV	IRONMENT	۹L	_		<b>DATE</b> 06/03	/2019			
		NAME AND T Pipeline Dredg		н						SHIFTS PER D	AY	0	DAYS PE	R WE	EK	-
DRED	GE	-	ZE			HOR	SEPOWER	•			NO	2 OF CRE	W MEMBE	RS		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER		TOTA	AL.
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	23		4		0		27
					LOCAT	ION/C	HANNEL C	OF WORK								
LOCATIO		REACH DREDO	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	<u>-</u> D			JLATIVE AND QTY IT FOR DA (CY)		
WOR	RK	Wes	t cut: 47+	60 to 5	3+60		North E	Blakeley		18,	102			835	,938	
CHARACT		GRAVEL 0%	SAND 60 %		CLAY 0 %	MUE 0 %		SILT 25 %		HARDPAN 0 %	STONE 0 %	E	SHELL 0 %		OTHI 15 %	
CHANNEL C								DRE DREDGING 40 AFTER DREDGIN							43	
			MIN 0.40 TIME 23:00 N											ectroni	-	
RIVER/ STAC			MIN 0 TIME 00:00 M												0	
														LLW		
WEATHER C	ONDITION		Weather Caused No Delay				``	EMP (min/max)         VISIBILITY         WIND           75 °F / 92 °F         5 MI         Variable 0 - 5 MF						4		
		WORK PERFO	RMED						•	DISTRIBL		F WOR	(			
ITEM	1	UNIT			QUANTITY									HR		MIN.
AVERAGE OF CL		FT	FT 250					G OR DRED		ABLE TO COST ( G	DF WOR	<b>(K)</b>			18	40
TOTAL AD THIS PER		FT		600 F				EFFECTIVE	TIM	E			78%			
TOTAL AD PREVIOU		FT				18,939				ECTIVE WORKI						
TOTAL ADV TO DA		FT				19,539	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			0	35
SCOWS LC	DADED	NUMBER				C	HANDLING ANCHOR LINES								0	40
AVERAGE PER SC		CY				C	CLEARING PUMP AND PUMP LINES								1	35
FLOATING PIPE		SHORE PIPE 1,0	00		IERGED PIPE					SUCTION HEAI	)				2	10
TOTAL LENGTH				4,250		9 530	-	FOR SCOV		OR ANCHORAGE					0	0
						0,000				OF PLANT ON JO					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL	JE TO OPPC	SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		18,102			16,457	SHORE L	INE AND SH	HOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		817,836		74	40,898	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			835,938		75	57,355	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT	GED PER		969.75		8	381.63	3								0	0
FOMFING/COTT		OPERATING SUI	PPLIES							KING UP TOW	KS				0	0
соммог		CONSUME					_			ID SATURDAYS					0	0
		CONSUMED CREDITED					SUNDAY	S AND HOL	IDAY	YS					0	0
ITEM	UNIT	QUANTITY QUANTITY					FIRE DR	ILL							0	0
FUEL	BBL		4,272 0 M					0 MOVING OUT OF WAY OF TRAFFIC							0	20
ELECTRICITY	кw		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)								0	0
LUBRICANTS	GAL		10					ION-EFFECT	IVE	TIME					5	20
MOB DATE	DREDGE START DEMOB DATE				PCT. OF	NON-EFFEC					22%					
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								24	0		

	PA	PAGE NO. Page 128 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	like Hooks, L.L.C	64						
DREDGE	Pipeline Dredge Missouri H			DA (	<b>TE</b> 06/03/2019				
	ATTENDANT PLANT		LOST TIME	(NOT CH/	ARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		0	0		
				PERCENTAGE OF TOTAL TIME	0%				
				TOTAL TIME IN PERIOD	ŀ	24	0		

### GENERAL COMMENTS

THE QC DEPT. TOOK FINALS AD IN CENTER CUT FROM STATION 9+00 TO STATION 46+00, AND TOOK AD CHECKS FROM STATION 45+00 TO 49+00 (WEST CUT). CHECKS SHOW THE DREDGE LEAVING AT LEAST -43' OF WATER. THE DREDGE ADVANCED FROM STATION 47+60 TO 53+60, FOR A TOTAL ADVANCE OF 600' IN THE WEST CUT. NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC. THE DISCHARGE ELEVATION IS THE SAME HEIGHT AS THE MATERIAL IN THE DA. (CLEAR WATER FLOWING INTO THE WEIR BOX). (MATERIAL IS BUILDING UP IN CELL # 2). NORTH PINTO DA WAS NOT INSPECTED (CLOSED GATE).

### SAFETY

Weather report was summited to the captain and lever room before the beginning of shift, Outside crews were observed shifting anchors adding pontoons and shifting the line for passing traffic. Engine room crew was working preforming preventive maintenance in engine room. The engine room crews also was observed also continue to do repairs on the tender boat. Welder working at the north end landing repairing broken pipe line. SSHO completed routine inspections of the vessel and all work areas. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I c material used and work perform plans and specifications, to the	ned during this Reporting per	riod are in complia	nce with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDE	NT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	age 12	29 of 143			
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								65
CHARACTER O REPORT	F		-			K	ENV	IRONMENTA	۹L			<b>DATE</b> 06/04	/2019			
										SHIFTS PER D	AY		DAYS PE	ER WE	EK	
DRED	GE	Pipeline Dredg		I H			05001050					2		- 00		7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.		W MEMBE	ERS	TOT	
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDUE	ONOR	-	OTTIER		1017	1
		8000		0	4000		0		0	23		4		0		27
			1		LOCAT	ION/C	HANNEL C	F WORK		•						
		REACH DREDO	GED; STA	TION T	O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE	D		CUMMUL			
LOCATIC		Wes	t cut: 53+	60 to 5	8+60		North F	Blakeley		GROSS (CY)	015		DEPOSI		DA (C 5 <b>.953</b>	Y)
		GRAVEL	SAND	00 10 0	CLAY	MUD		SILT		HARDPAN	STONE	-	SHELL	000	отн	EP
CHARACT MATERIA		0 %	60 %		0 %	0 %		25 %		0 %	0 %	-	0 %		15 %	
CHANNEL C	CONDITION	A	VERAGE	DEPT	Н	BE	FORE DREI	ORE DREDGING 40 AFTE					GING		43	3
RIVER/*	TIDE	MIN	0.40	TIME	2	3:00	MAX	IAX 2.50 TIME 13:00 C				GE LOC	ATION EI	ectroni	c Gag	e
STAG	θE	MIN	MIN 0 TIME 00:00 M				MAX	IAX 0 TIME 00:00 GAGE DATUM						LLW		
		WEATHER	WEATHER TI				TEMP (min/									
WEATHER CO	ONDITION	Weather Cau	sed No De	elay			76 °F .	/ 91 °F		5 MI		0 - 5 Va	riable MPI	4		
		WORK PERFOR	RMED							DISTRIBL		F WOR	K			
ITEM	1	UNIT			QUANTITY									HF	ε.	MIN.
AVERAGE OF CU		FT	FT 250					G OR DRED		ABLE TO COST ( G	DF WOR	(K)			18	25
TOTAL AD\ THIS PEF		FT		500 F			PCT OF I	EFFECTIVE	TIM	E			77%			
TOTAL AD\ PREVIOU		FT				19,539										
TOTAL AD\ TO DA	-	FT			2	20,039	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			1	20
SCOWS LC	DADED	NUMBER				(	HANDLING ANCHOR LINES								0	30
AVERAGE PER SC		CY				(	)			-					0	0
FLOATING PIPE	4,880	SHORE PIPE 1,0	00	SUBM 4,250	IERGED PIPE			FOR SCOV		D SUCTION HEAD					1	5
TOTAL LENGTH	I OF DISCHA	RGE PIPE FI	г	-		10,130	TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI		ON C	OF PLANT ON JO	В				0	0
		Chood					LOSS DL	JE TO OPPO	SIN	IG NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		18,015			16,378	<sup>3</sup> SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		835,938		75	57,355	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			853,953		77	73,733		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		978.19		5	389.30	) ——	FOR ATTE							0	0
PUMPING/CUTT	ING HR									KING UP TOW					0	0
			OPERATING SUPPLIES							ID SATURDAYS					0	0
СОММОЕ		CONSUMED CREDITED						S AND HOLI							0	0
ITEM	UNIT	QUANTITY	,		QUANTITY		FIRE DR							0	0	
FUEL	BBL		4,224			(	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								2	40
ELECTRICITY	KW		0			(	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10			(	0 TOTAL NON-EFFECTIVE TIME							5	35	
MOB DATE						NON-EFFEC					23%					
04/01/2019 04/01/2019								NON-EFFECTIVI T OF WORK)	ETIME				24	0		

	I	PAGE NO. Page 130 of 143						
CONTRACT NO.	CONTRACT TITLE	ONTRACTOR		REPOF	RT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	N	like Hooks, L.L.C	65				
DREDGE	Pipeline Dredge Missouri H		I	<b>DATE</b> 06/04	4/2019			
	ATTENDANT PLANT			LOST TIME	(NOT C	CHARG	EABLE TO COST	T OF WORK)
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0
Tender	Ashley	250	24:00	CESSATION			0	0
Tender	Grayson	500	24:00	COLLISIONS			0	0
				MISCELLANEOUS			0	0
				TOTAL LOST TIME			0	0
				PERCENTAGE OF TOTAL TIME	0%	6		
				TOTAL TIME IN PERIOD	•		24	0

#### GENERAL COMMENTS

THE QC DEPT. TOOK AD CHECKS FROM STATION 49+00 TO 55+00 (WEST CUT). CHECKS SHOW THE DREDGE LEAVING AT LEAST -43' OF WATER. THE DREDGE ADVANCED FROM STATION 53+60 TO 58+60, FOR A TOTAL ADVANCE OF 500' IN THE WEST CUT. NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC . THE DISCHARGE ELEVATION IS THE SAME HEIGHT AS THE MATERIAL IN THE DA. (CLEAR WATER FLOWING INTO THE WEIR BOX). (MATERIAL IS BUILDING UP IN CELL # 1, & CELL # 2). NORTH PINTO DA WAS NOT INSPECTED (CLOSED GATE).

SAFETY

No incidents or accidents reported

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that material used and work performed duri plans and specifications, to the best of	ng this Reporting period are in complia	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	age 13	31 of 143			
CONTRACT NO	•	CONTRACT T	TLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								66
CHARACTER O REPORT	F		-			K	ENV	IRONMENTA	۹L			<b>DATE</b> 06/05	6/2019			
										SHIFTS PER D	AY		DAYS F	PER WE	EK	
DRED	GE	Pipeline Dredg		I H			05001/50					2				7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER	CUTTER O	R	DREDGE	NO.				тот	Δ1
			BUCKET		PUMP	PIPE	EJET	BUCKET		DIVEDUE	ONOR	-	OTTL		1017	1L
		8000		0	4000		0		0	23		4		0		27
			1		LOCAT	ION/C	HANNEL C	F WORK							•	
		REACH DREDO	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	D	CUMMU				
LOCATIC		West	t cut: 58+6	60 to 6	4+90		North F	Blakeley		GROSS (CY)	458		DEPOS		DA (C 5,411	Y)
		GRAVEL	SAND	50 10 0	CLAY	MUE		SILT		HARDPAN	STONE		SHELL	0/1	отн	FR
CHARACT MATERIA		0 %	60 %		0 %	0 %		25 %		0 %	0 %	-	0 %		15 %	
CHANNEL C	ONDITION	ŀ	AVERAGE DEPTH BEF				ORE DREDGING 40 AFTER					R DRED	GING		43	3
RIVER/	TIDE	MIN	0.40	ТІМЕ	2	3:00	MAX	MAX 2.80 TIME 13:00 G				GE LOC	ATION E	Electron	ic Gag	е
STAG		MIN	IN 0 TIME 00:00 M				MAX	IAX 0 TIME 00:00 GAGE DATU					ΓUM MLLW			
		WEATHER	ER TE				TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed No De	elay			77 °F	/ 89 °F		4 MI		5 - 10 S	MPH			
		WORK PERFOR	RMED							DISTRIBL		FWOR	(			
ITEM	I	UNIT			QUANTITY									HF	۶.	MIN.
AVERAGE OF CU		FT		250 PUMP				G OR DRED		ABLE TO COST ( G		ik)			18	40
TOTAL AD\ THIS PEF		FT				PCT OF I	EFFECTIVE	TIME	E			78%				
TOTAL AD PREVIOU		FT			2	20,039				ECTIVE WORKI				-		
TOTAL AD TO DA		FT			2	20,669	HANDLIN	(CHA NG PIPE LINI		EABLE COST OF	WORK	)			1	30
SCOWS LC	ADED	NUMBER				C		ING ANCHOR LINES							0	30
AVERAGE		CY				0	-	IG PUMP AN	ID P	UMP LINES					0	0
PER SC		SHORE PIPE 1,0	00		IERGED PIPE					D SUCTION HEAI	0				0	35
TOTAL LENGTH	-			4,250		10.770		FOR SCOW			:				0	0
		-				10,770		-		OF PLANT ON JO					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		LOSS DL		SIN	G NATURAL ELE	MENTS	;			0	0
AMOUNT DRED THIS DATE	GE		22,458		2	20,417	SHORE L	INE AND SH	IOR	EWORK					0	0
AMOUNT PREV	IOUSLY		853,953		77	73,733		FOR BOOS	TER	र					0	0
TOTAL AMOUN			876,411		79	94,150		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED	GED PER		1,203.11		1,0	093.77	/	FOR ATTE							0	0
PUMPING/CUTT	ING HR	OPERATING SUI								KING UP TOW	K C				0	0
							_			ID SATURDAYS	ino.				0	0
СОММОЕ	י ווכ ו	CONSUMED CREDITED					SUNDAY	S AND HOLI	IDAY	ŕs					0	0
ITEM	UNIT	QUANTITY	<b>,</b>		QUANTITY		SUNDAYS AND HOLIDAYS								0	0
FUEL	BBL		4,824			0	<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC							2	40	
ELECTRICITY	кw		0			C	0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		10	<u> </u>		C	0 TOTAL NON-EFFECTIVE TIME							5	15	
MOB DATE	DREDGE START DEMOB DATE									22%						
04/01/2019 04/01/2019								NON-EFFECTIV T OF WORK)	ETIME				23	55		

	1	PAGE NO. Page 132 of 143							
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	1	REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	N	like Hooks, L.L.C	66					
DREDGE	Pipeline Dredge Missouri H		DATE 06/05/2019						
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	ST OF WORK)		
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	5		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		0	5		
				PERCENTAGE OF TOTAL TIME	0%	þ			
				TOTAL TIME IN PERIOD		24	0		

#### **GENERAL COMMENTS**

THE QC DEPT. TOOK AD CHECKS FROM STATION 29+00 TO 60+00 (WEST CUT). CHECKS SHOW THE DREDGE LEAVING AT LEAST -43' OF WATER. NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC. THE DISCHARGE ELEVATION IS THE SAME HEIGHT AS THE MATERIAL IN THE DA. MATERIAL IS BUILDING UP IN CELL #3. (CLEAR WATER FLOWING INTO THE WEIR BOX). NORTH PINTO DA WAS NOT INSPECTED (CLOSED GATE).

#### SAFETY

Weather monitored on Wednesday: occasional rain, calm, and hot. Outside crew cleaning pump, shifting anchors, moving pontoons, repairing equipment, maintaining vessels. Engine crew repairing equipment, maintaining compartment. Disposal area illuminated and accessible. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performed	fy that this Report is complete and correct a I during this Reporting period are in compli est of my knowledge, except as noted above	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	ige 13	3 of 143			
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								67
CHARACTER O REPORT	F				NEW WORK	C	ENV	IRONMENT	٩L			<b>DATE</b> 06/06	/2019			
		NAME AND T								SHIFTS PER D	AY		DAYS PE	R WEI	EK	_
DRED	GE	Pipeline Dredg	ZE	н		ЦОР	SEPOWER	1			NO	2	W MEMBE	IDQ		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	110	тоти	AL.
			BUCKET		PUMP	PIPE	EJET	BUCKET								
		8000		0	4000		0		0	29		4		0		33
					LOCATI	ION/C	HANNEL C	F WORK								
LOCATIO	ON OF	REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED		CUMMUL DEPOSIT			
WOR		64+9	0 to 70+70	) (West	t Cut)		North E	Blakeley			267				,678	
CHARACT	ER OF	GRAVEL	SAND		CLAY	MUE							SHELL		отн	
MATERIA	. ,		0 % 60 % 0 % 0 % 0 %					25 % 0 % 0 % 0 %							15 %	
CHANNEL C	CONDITION			1		<u> </u>	FORE DREI			39.40		R DRED			43	
RIVER/		MIN	MIN 0.40 TIME 00:00 N					AX 3.50 TIME 16:00 GAGE LOCATION E						ectroni	c Gag	e
STAC	E	MIN	MIN 0 TIME 00:00 N					AX 0 TIME 00:00 GAGE DATUM M						LLW		
WEATHER C		WEATHER		1			TEMP (min/	/max)	VIS	SIBILITY	11W	ND				
WEATHER C	ONDITION	Weather Cau		elay			76 °F .	/ 83 °F		2 MI		~	to 10 MPI	1		
		WORK PERFOI	RMED							DISTRIBL		F WOR	( 			
AVERAGE		UNIT	UNIT QUANTITY EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK)							RK)		HR	l.	MIN.		
OF CL		FT	T 250					G OR DRED	GINC	G					18	40
TOTAL AD THIS PER		FT			580 PCT OF EFF				TIME	E			78%		İ	
	-	FT		20,669				R (IN LINE)	CCC							
PREVIOL TOTAL AD	/ANCE	FT		20,009 NON-EFFECTIVE WORKING TIM (CHARGEABLE COST OF WORK 21,249 HANDLING PIPE LINES								1	30			
TO DA					-										0	30
SCOWS LC	DADED	NUMBER				C	CLEARING PUMP AND PUMP LINES								0	0
AVERAGE PER SC		CY				C	)								0	20
FLOATING PIPE	6,260	SHORE PIPE 1,0	00	SUBM 4,250	IERGED PIPE			FOR SCOV							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г		1	11,510	) TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
							LOSS DU	JE TO OPPC	SIN	G NATURAL ELE	MENTS	5			0	0
AMOUNT DRED THIS DATE	GE		21,267		1	19,333	3 SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		876,411		79	94,150	WAITING	FOR BOOS	TER	र					0	0
TOTAL AMOUN DREDGED TO D			897,678		81	13,483		PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			1,139.30		1 (	)35.70		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	ING HR				1,0	55.70	PREPAR			KING UP TOW					0	0
		OPERATING SUI	OPERATING SUPPLIES				_			BETWEEN WOR	KS				0	0
СОММОЕ	ОГТҮ	CONSUME	D		CREDITED					ID SATURDAYS					0	0
ITEM	UNIT	QUANTITY	r		QUANTITY				IDAY	15					0	0
FUEL	BBL		4,184				FIRE DRILL     MOVING OUT OF WAY OF TRAFFIC								3	0
			,			MISCELLANEOUS (EXPLAIN IN REMARKS)					S)				0	0
ELECTRICITY	KW		0			C	TOTAL NON-EFFECTIVE TIME							5	20	
LUBRICANTS	GAL		54			C	)	NON-EFFEC					22%		-	
MOB DATE	04/01/2019	DREDGE START	1/01/2010	DEMC	B DATE		TOTAL E	FFECTIVE A	ND	NON-EFFECTIV	E TIME				24	0
	04/01/2019	02	4/01/2019	1			(CHARG	EABLE TO C	OST	T OF WORK)					- 1	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR	RE	PORT NO.				
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile	N	like Hooks, L.L.C		67					
DREDGE	Pipeline Dredge Missouri H			DATE 06/06/2019						
	ATTENDANT PLANT		LOST TIME	(NOT CHA	ARGEABLE TO COS	T OF WORK)				
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
				TOTAL TIME IN PERIOD		24	0			

#### GENERAL COMMENTS

THE QC DEPT. Unable to take AD checks due to weather conditions. NORTH BLAKELEY DA WAS INSPECTED BY THE COE (QAR) AND QC . THE DISCHARGE ELEVATION IS THE SAME HEIGHT AS THE MATERIAL IN THE DA. MATERIAL IS BUILDING UP IN CELL #3. (CLEAR WATER FLOWING INTO THE WEIR BOX). NORTH PINTO DA WAS NOT INSPECTED (CLOSED GATE).

#### SAFETY

Weather monitored on Wednesday: occasional rain, calm, and hot. Outside crew cleaning cutter, shifting anchors, adding pontoons, maintaining vessels. Engine crew repairing equipment, maintaining compartment. Disposal area illuminated and accessible. A Safety Meeting was held : the main topic discussed (Housekeeping) A first aid injury was reported. No incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify the material used and work performed dur plans and specifications, to the best of	ng this Reporting period are in compli	ance with the contract
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										Pa	age 13	5 of 143				
CONTRACT NO		CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103	N9127818F0624	4 Maintenance	Dredging	of Mob	ile Harbor		Mike Hoo	ks, L.L.C								68
CHARACTER O REPORT	F				NEW WORK		ENV	IRONMENT	۹L			<b>DATE</b> 06/07	/2019			
										SHIFTS PER D	AY		DAYS P	ER WE	EK	
DRED	GE	Pipeline Dredg	ZE				RSEPOWER				NO	2	W MEMB	EDO		7
		PIPELINE	DIPPER (		DREDGE	SU	CTION	CUTTER C	R	DREDGE	SHORE		OTHER	EKS	ΤΟΤΑ	
			BUCKET		PUMP	PIP	'E JET	BUCKET		-			-			
		8000		0	4000		0		0	31		4		0		35
					LOCATI	ON/O	CHANNEL C	F WORK								
LOCATIO		REACH DREDO	JED; STAT		O STATION	DIS	POSAL ARE	EA USED		QTY DEPOSITE GROSS (CY)	ED	CUMMU DEPOSI				
WOR		70+70 to	72+80 & 3	37+60 1	to 35+40		North E	Blakeley			007				5,685	
CHARACT		GRAVEL	SAND		CLAY	мu	D	SILT HARDPAN STO				-	SHELL		OTHE	ĒR
MATERIA		0 %	60 %					25 %		0 %	0 %		0 %		15 %	
CHANNEL C	CONDITION	4	AVERAGE	DEPTH	1	BE	FORE DRE	ORE DREDGING 39.40 AF				R DRED	GING		43	i
RIVER/		MIN	1.30	ТІМЕ	03	3:00	MAX	2.80	тім	/IE 15	:00 GA	GE LOC	ATION E	lectroni	.c Gag	e
STAC	9E	MIN	0	0 TIME 00:00 M				IAX 0 TIME			:00 GA	GE DATI	JM N	ILLW		
WEATHER C		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	11W	ND				
WEATHER C	ONDITION	Weather Cau		ritical D	)elay		75 °F .	/ 87 °F		2 MI		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	95 to 10 N	1PH		
	. 1	WORK PERFOR	RED							DISTRIBL		of work	(		<u> </u>	
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		RK)		HF	ξ.	MIN.
AVERAGE OF CL		FT		250 PUMPING OR DREDGING								9	10			
TOTAL AD THIS PEF		FT		430 PCT OF EFFECTIVE TIME						38%						
TOTAL AD PREVIOU		FT		21,249 BOOSTER (IN LINE) 21,249 NON-EFFECTIVE WORKING TIME												
TOTAL AD TO DA		FT		(CHARGEABLE COST OF WORK) 21,679 HANDLING PIPE LINES					.)			6	35			
SCOWS LC	DADED	NUMBER					0 HANDLIN	IDLING ANCHOR LINES							0	10
AVERAGE PER SC		CY					CLEARIN	ig pump an	ID P	PUMP LINES					0	25
FLOATING PIPE		SHORE PIPE 1,0		SUBM 3.150	ERGED PIPE			IG CUTTER		D SUCTION HEAI	0				0	25
TOTAL LENGTH	OF DISCHA	RGE PIPE F		3,130		8.21				OR ANCHORAGE					0	0
		GROSS	T			0,2 .	-	NG LOCATIO	DN C	OF PLANT ON JO	в				0	0
CUBIC YARDS I	REMOVED	GRUSS			CREDITED		LOSS DL	JE TO OPPC	SIN	IG NATURAL ELE	MENTS	3			0	0
AMOUNT DRED THIS DATE	GE		18,007		1	16,37	<sup>0</sup> SHORE L	INE AND SH	HOR	RE WORK					0	0
AMOUNT PREV REPORTED	IOUSLY		897,678		81	13,48	3 WAITING	FOR BOOS	TER	२					0	0
TOTAL AMOUN DREDGED TO D			915,685		82	29,85	3			PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED PUMPING/CUTT			1,964.40		1,7	785.8	2			NT PLANT					0	0 35
		OPERATING SU	PPLIES							BETWEEN WOR	KS				0	0
соммо		CONSUMED CREDITED				LAY TIME	E OFF SHIF	ΓAN	ID SATURDAYS					0	0	
							SUNDAY	S AND HOL	IDAY	YS					0	0
ITEM	UNIT	QUANTITY	, 		QUANTITY		FIRE DRILL							0	0	
FUEL	BBL		2,400				<sup>0</sup> MOVING	OUT OF WA	AY O	OF TRAFFIC					2	25
ELECTRICITY	KW		0				0 MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
LUBRICANTS	GAL		54									_		12	35	
MOB DATE	OB DATE DREDGE START DEMOB DATE					NON-EFFE		'E NON-EFFECTIV			52%					
04/01/2019 04/01/2019						-			T OF WORK)					21	45	

	PAG	E NO. P	age 136 of 143					
CONTRACT NO.	CONTRACT TITLE		C	ONTRACTOR		REP	ORT NO.	
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobi	like Hooks, L.L.C				68		
DREDGE	Pipeline Dredge Missouri H					<b>DATI</b> 06/	E /07/2019	
	ATTENDANT PLANT			LOST TIME	(NOT	CHAR	RGEABLE TO COS	T OF WORK)
ITEM	NAME OR NUMBER	H.P.	HOURS				HR	MIN
Tender	Arthur	250	24:00	MAJOR REPAIRS			0	0
Tender	Ashley	250	24:00	CESSATION			0	0
Tender	Grayson	500	24:00	COLLISIONS			0	0
				MISCELLANEOUS			2	15
				TOTAL LOST TIME			2	15
				PERCENTAGE OF TOTAL TIME	9	%		
			TOTAL TIME IN PERIOD			24	0	

## **GENERAL COMMENTS**

Misc: (0%) Time (Excessive time taken to pick up subline crossing).

THE QC DEPT. Unable to take AD checks due to weather conditions.

#### SAFETY

Weather monitored on Friday: occasional rain, calm, and hot. Outside crew cleaning cutter & pump, shifting anchors, adding pontoons, removing pontoons, prepping and moving the dredge, passing ship traffic, and removing subline crossing. maintaining vessels. Engine crew repairing equipment when necessary, maintaining compartment. Disposal area illuminated and accessible. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I cer material used and work performe plans and specifications, to the b	ed during this Reporting peri	od are in complia	nce with the contract				
QC REPRESENTATIVE'S SIGNATURE	RE DATE SUPERINTENDENT'S INITIALS DATE							

	QUALITY CONTROL REPORT-BUCKET/PIPELINE										Pa	age 13	37 of 143			
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								69
CHARACTER O REPORT	F		-			(	ENV	IRONMENTA	٩L			<b>DATE</b> 06/08	/2019			
										SHIFTS PER D	AY		DAYS P	PER WE	EK	
DRED	GE	Pipeline Dredg	ZE	н			SEPOWER	1			NO	2 OF CRE				7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE				тот	41
			BUCKET		PUMP	PIPE	JET	BUCKET		DILEDGE	onora	-	OTTLET		1017	
		8000		0	4000		0		0	31		4		0		35
					LOCAT	ION/C	HANNEL C	F WORK								
1001710		REACH DRED	GED; STA	TION T	O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMML DEPOS			
LOCATIO		15+7	5 to 24+1	5 (East	t Cut)		orth B	lakeley			833		DEPUS		B,518	ŤĴ
CHARACT		GRAVEL	SAND		CLAY	MUE		SILT			STONE		SHELL		отн	ER
MATERIA		0 %	60 %		0 %	0 %	25 % 0 % 0 % 0 %						0 %		15 %	
CHANNEL C	CONDITION	ļ	AVERAGE DEPTH BEF				ORE DREI	DRE DREDGING 41.50 AFTER DREDGING							43	3
RIVER/		MIN	1 TIME 05:00 M				MAX	2.80	TIN	/IE 15	:00 GA	GE LOC	ATION E	Electron	ic Gag	e
STAG	<b>BE</b>	MIN	/IN 0 TIME 00:00 M				MAX	0	:00 GA	GE DATI	JM N	ИLLW				
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	1W	ND				
WEATHER CO	ONDITION	Weather Cau	sed Non-C	Critical [	Delay		76 °F .	/ 86 °F		2 MI		S @ 10	MPH			
		WORK PERFO	RMED							DISTRIBL		F WOR	(	1		
ITEM	1	UNIT			QUANTITY					CTIVE WORKING				HF	۲.	MIN.
AVERAGE OF CU		FT				PUMPIN	G OR DRED				(K)			18	25	
TOTAL AD\ THIS PEF		FT			840			EFFECTIVE	TIM	E			77%	-		
TOTAL AD\ PREVIOU		FT		21,679 -										-		
TOTAL AD\ TO DA	-	FT			2	22,519	HANDLIN	IG PIPE LINI		EABLE COST OF	WURK	)			0	40
SCOWS LC	DADED	NUMBER				C	HANDLING ANCHOR LINES								0	30
AVERAGE PER SC		CY				C	· .					0	0			
FLOATING PIPE	1,360	SHORE PIPE 1,0	00	SUBM 2.000	IERGED PIPE			FOR SCOW		SUCTION HEAD	J				0	25
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	r	,		4,360	TO AND	FROM WHA	RF C	OR ANCHORAGE					0	0
CUBIC YARDS I	PEMOVED	GROSS			CREDITED		CHANGING LOCATION OF PLANT ON JOB								0	30
		01000			UNEDITED		LOSS DU	JE TO OPPO	EMENTS	;			0	0		
AMOUNT DRED THIS DATE	GE		12,833			11,667	SHORE L	INE AND SH	IOR	E WORK					0	0
AMOUNT PREV	IOUSLY		915,685		82	29,853	WAITING	FOR BOOS	TER	2					0	0
TOTAL AMOUN DREDGED TO D			928,518		84	41,520	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
AMOUNT DRED			696.81		f	633.50		FOR ATTE	NDA	NT PLANT					0	0
PUMPING/CUTT	TING HR						PREPAR								2	30
		OPERATING SU	OPERATING SUPPLIES							BETWEEN WOR	165				0	0
СОММОЕ	рітү	CONSUMED CREDITED													0	0
ITEM	UNIT	QUANTITY QUANTITY					SUNDAYS AND HOLIDAYS								0	0
FUEL	BBL		4,316				<sup>0</sup> MOVING OUT OF WAY OF TRAFFIC								0	0
ELECTRICITY	KW		0			0 MISCELLANEOUS (EXF				EXPLAIN IN REMARKS)					0	0
LUBRICANTS	GAL		10			C		ION-EFFECT	IVE	TIME					4	35
MOB DATE	-	DREDGE START DEMOB DATE					NON-EFFEC					19%				
04/01/2019 04/01/2019					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)								23	0		

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT NO. CONTRACT TITLE CONTRACTOR									
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobi	ile Harbor	N	like Hooks, L.L.C			69			
DREDGE	Pipeline Dredge Missouri H				ſ	DATE 06/08/2019				
	ATTENDANT PLANT			LOST TIME	(NOT C	HARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		1	0			
				TOTAL LOST TIME		1	0			
				PERCENTAGE OF TOTAL TIME	4%	,				
				TOTAL TIME IN PERIOD	ŀ	24	0			

### **GENERAL COMMENTS**

Misc: (0%) Time (Excessive time taken to pick up subline remaining in the East Cut).

THE QC DEPT. Took BD Survey in the East Cut from station 46+54 to 68+12 and took AD Survey in the West Cut from station 29+00 to 72+09.

#### SAFETY

Weather monitored on Saturday occasional rain, calm, and hot. Outside crew cleaning cutter, shifting anchors, adding pontoons, prepping to move and moving the dredge and prepping to start dredging the east cut, and completed removing 1,150' of subline. maintaining vessels. Engine crew repairing equipment when necessary, maintaining compartment. Disposal area illuminated and accessible. A Safety Meeting was held (Main topic discussed) was preoperational inspection of equipment. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performe	n behalf of the contractor, I certify that this Report is complete and correct and all equipment and aterial used and work performed during this Reporting period are in compliance with the contract ans and specifications, to the best of my knowledge, except as noted above.										
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE									

	QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.										Pa	age 13	9 of 143			
CONTRACT NO	•	CONTRACT T	ITLE				CONTRA	CTOR				REPOR	T NO.			
W9127818D0103 V	N9127818F062	4 Maintenance	Dredging	of Mot	oile Harbor		Mike Hoo	ks, L.L.C								70
CHARACTER O REPORT	F		-			(	ENV	IRONMENTA	۹L			<b>DATE</b> 06/09	/2019			
										SHIFTS PER D	AY		DAYS PI	ER WE	EK	
DRED	GE	Pipeline Dredg		Н								2		- 00		7
		PIPELINE	ZE DIPPER	OR	DREDGE		SEPOWER TION	CUTTER O	R	DREDGE	NO.		W MEMB	ERS	TOT	<u></u>
			BUCKET		PUMP	PIPE	IJET	BUCKET		DITEDGE	ONOR	-	OTTER		1017	
		8000		0	4000		0		0	30		4		0		34
			1		LOCAT	ION/C	HANNEL C	F WORK								
		REACH DREDO	GED: STA		O STATION	DISF	POSAL ARE	EA USED		QTY DEPOSITE	ED		CUMMU			
LOCATIC		24+1	5 to 28+9	n (East	Cut)		North BI	AKELEY		GROSS (CY)	706		DEPOSI		DA (C 2. <b>224</b>	Y)
		GRAVEL	SAND		CLAY	MUE		SILT		HARDPAN	STONE		SHELL	952	,224 ОТН	ED
CHARACT MATERIA		0 %	60 %		0 %	0 %	,	25 %	0 %	-	0 %		15 %			
CHANNEL C	CONDITION	ŀ	AVERAGE DEPTH BEF				ORE DREDGING 39.50 AFTER D						GING		43	3
RIVER/	TIDE	MIN	MIN 0.90 TIME 04:00 M			IAX 2.50 TIME 17:00 G					GE LOC	ATION E	ectroni	c Gag	e	
STAG	9E	MIN	N 0 TIME 00:00 M			MAX	IAX 0 TIME 00:00 G					JM M	LLW			
		WEATHER					TEMP (min/	/max)	VIS	SIBILITY	WI	ND				
WEATHER CO	UNDITION	Weather Cau	sed No De	lay			73 °F	/ 88 °F		4 MI		Variable	e @ 5 MPI	-		
		WORK PERFOR	RMED							DISTRIBL		FWOR	<b>(</b>			
ITEM		UNIT			QUANTITY		_			CTIVE WORKING ABLE TO COST (		PK)		HF	ł.	MIN.
AVERAGE OF CU		FT				PUMPING	G OR DRED							20	50	
TOTAL AD\ THIS PEF		FT		475			PCT OF I	EFFECTIVE	TIM	E			87%			
TOTAL AD\ PREVIOU		FT			22,519					ECTIVE WORKI						
TOTAL AD TO DA		FT			2	22,994	HANDLIN	(CHA IG PIPE LINI		EABLE COST OF	WORK	)			1	20
SCOWS LC		NUMBER				C	HANDLING ANCHOR LINES								0	40
AVERAGE		СҮ				0	CLEARIN				0	0				
			00	SUBM	IERGED PIPE	-				SUCTION HEAD	0				0	20
FLOATING PIPE	1,920	SHORE PIPE 1,0	00	2,000				FOR SCOW							0	0
TOTAL LENGTH	I OF DISCHA	RGE PIPE F	Г			4,920				OR ANCHORAGE					0	0
CUBIC YARDS I	REMOVED	GROSS			CREDITED					G NATURAL ELE					0	0
AMOUNT DRED THIS DATE	GE		23,706			21,551						)			0	0
AMOUNT PREV	IOUSLY		928,518		84	41,520	-	FOR BOOS							0	0
REPORTED	г		952,224		00	63,071	MINOR C	PERATING	REF	PAIRS (EXPLAIN	IN REM	ARKS)			0	0
DREDGED TO D			952,224		00	55,071			NDA	NT PLANT					0	0
AMOUNT DRED PUMPING/CUTT	-		1,137.89		1,0	034.45	PREPAR	ATION AND	MAł	KING UP TOW					0	0
		OPERATING SUP	PPLIES				TRANSF	ERRING PLA	٩NT	BETWEEN WOR	KS				0	0
СОММОЕ	ΟΙΤΥ	CONSUMED CREDITED					LAY TIME	E OFF SHIFT	Γ AN	ID SATURDAYS					0	0
ІТЕМ	UNIT	QUANTITY	QUANTITY QUANTITY				SUNDAY	S AND HOLI	IDAY	YS					0	0
							FIRE DRILL								0	0
FUEL	BBL						MOVING OUT OF WAY OF TRAFFIC								0	50
ELECTRICITY	KW		0											0	0	
LUBRICANTS	GAL	54 0				0 TOTAL NON-EFFECTIVE TIME 0 PCT. OF NON-EFFECTIVE 13%					120/		3	10		
MOB DATE	E DREDGE START DEMOB DATE				TOTAL EFFECTIVE AND NON-EFFECTIVE TIME					13%						
	04/01/2019	04	/01/2019							T OF WORK)					24	0

	QUALITY CONTROL REPORT-BUCKET/PIPELINE									
CONTRACT NO.	CONTRACT TITLE		C	CONTRACTOR	RE	PORT NO.				
W9127818D0103 W9127818F0624	like Hooks, L.L.C			70						
DREDGE	Pipeline Dredge Missouri H				<b>TE</b> 06/09/2019					
	ATTENDANT PLANT			LOST TIME	(NOT CH	ARGEABLE TO COS	T OF WORK)			
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN			
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0			
Tender	Ashley	250	24:00	CESSATION		0	0			
Tender	Grayson	500	24:00	COLLISIONS		0	0			
				MISCELLANEOUS		0	0			
				TOTAL LOST TIME		0	0			
				PERCENTAGE OF TOTAL TIME	0%					
			TOTAL TIME IN PERIOD		24	0				

## GENERAL COMMENTS

THE QC DEPT. Took AD Survey in the enter Cut from station 9+30 to 46+54.

### SAFETY

Weather monitored on Sunday calm, cloudy, and hot. Outside crew cleaning cutter, shifting anchors, adding pontoons, move dredge to pass ship traffic. maintaining vessels. Engine Room crew repairing equipment when necessary, maintaining compartment. Disposal area illuminated and accessible. No injury or incident reported.

CONTRACTOR CERTIFICATION	material used and work performed	fy that this Report is complete and correct a I during this Reporting period are in complia est of my knowledge, except as noted above	ince with the contract					
QC REPRESENTATIVE'S SIGNATURE	DATE SUPERINTENDENT'S INITIALS DATE							

QUALITY CONTROL REPORT-BUCKET/PIPELINE PAGE NO.								NO.	Pa	age 14	1 of 143					
CONTRACT NO.		CONTRACT T	CONTRACT TITLE				CONTRACTOR				REPORT NO.					
W9127818D0103 W9127818F0624		4 Maintenance	Maintenance Dredging of Mobile Harbor				Mike Hoo	ks, L.L.C				71				
CHARACTER OF REPORT			X MAINTENANCE NEW WORK				ENV	ENVIRONMENTAL				DATE 06/10/2019				
DREDGE		NAME AND T		ц						SHIFTS PER D	AY		DAYS PE	ER WE	EK	_
			Pipeline Dredge Missouri H SIZE HORS				SEPOWER				NO	2	W MEMBE	-DC		7
		PIPELINE	DIPPER		DREDGE	SUC	TION	CUTTER O	R	DREDGE	SHORE		OTHER	_1\3	TOTA	AL.
			BUCKET		PUMP	PIPE	E JET	BUCKET								
		8000		0	4000		0		0	31		4		0		35
					LOCATI	ON/C	HANNEL O	F WORK								
LOCATION OF		REACH DRED	REACH DREDGED; STATION TO STATION DISP				OSAL AREA USED QTY DEPOSITED GROSS (CY)			ED	CUMMULATIVE AND QTY DEPOSIT FOR DA (CY)					
WORK	K	28+9	28+90 to 33+70 (East Cut)			North Blakeley			29,	29,333			981,557			
CHARACTE		GRAVEL 0 %	SAND 60 %		CLAY	MUE	)	SILT 25 %		HARDPAN STONE		E SHELL 0 %		OTHER 15 %		
MATERIAL (%) CHANNEL CONDITION		_	AVERAGE							38	AFTER DREDGIN				43	
CHANNEL CC		MIN	0.90											ootroni		
RIVER/TI STAGE			0.90	90 TIME 04:00 N			1AX 2 TIM				GE LOCATION Electronic G			c Gay	5	
	_	MIN	0	TIME	00	D:00	MAX	0	тім	NE 00	:00 GA	GE DATI	JM M	LLW		
WEATHER CO	NDITION	WEATHER				-	TEMP (min/max) VI 72 °F / 89 °F		VIS	SIBILITY WIND						
		Weather Cau		lay			72°F7	89 °F		5 MI DISTRIBL			e 0 - 5 MPI K	Η		
ITEM		UNIT			QUANTITY			FF	FFC	CTIVE WORKING			-			
AVERAGE WIDTH OF CUT					300	(CHARGEABLE TO COST OF WORK) PUMPING OR DREDGING					HF	21	MIN. 0			
TOTAL ADVANCE		FT	FT 480									21	0			
THIS PERIOD TOTAL ADVANCE						BOOSTER (IN LINE)										
PREVIOUSLY		FT		22,994			NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK)									
TOTAL ADVANCE TO DATE		FT		23,474		23,474								1	0	
SCOWS LOADED		NUMBER	NUMBER			0	0 HANDLING ANCHOR LINES							0	40	
AVERAGE LOAD PER SCOW		CY	CY		0	CLEARING PUMP AND PUMP LINES								0	0	
I		SHORE PIPE 1,0		SUBM 2.000	ERGED PIPE			FOR SCOV		SUCTION HEAD	)				1	20
TOTAL LENGTH OF DISCHARGE PIPE FT				,										0	0	
CUBIC YARDS REMOVED		GROSS			CREDITED		CHANGI	NG LOCATIO	DN C	OF PLANT ON JO	В				0	0
	-					LOSS DUE TO OPPOSING NATURAL ELEMENTS								0	0	
AMOUNT DREDGE THIS DATE			29,333		2	26,667	7 SHORE LINE AND SHORE WORK							0	0	
AMOUNT PREVIC REPORTED	DUSLY	952,224 80		63,071	1 WAITING FOR BOOSTER							0	0			
TOTAL AMOUNT DREDGED TO DATE			981,557 888		39,738								0	0		
AMOUNT DREDGED PER			1,396.81 1,26		269.86								0	0		
PUMPING/CUTTING HR		OPERATING SUI	OPERATING SUPPLIES			PREPARATION AND MAKING UP TOW							0	0		
COMMODITY CONSUMED CREDITED					LAY TIME OFF SHIFT AND SATURDAYS						0	0				
сомморг	1 Y	CONSUME	T				SUNDAY	S AND HOL	DAY	ŕS					0	0
ITEM	UNIT	QUANTITY	(		QUANTITY		FIRE DRI								0	0
FUEL	BBL		4,004			0	MOVING	OUT OF WA	AY O	F TRAFFIC					0	0
ELECTRICITY	KW		0			0	MISCELLANEOUS (EXPLAIN IN REMARKS)							0	0	
	C <sup>A1</sup>		10			0	TOTAL N	TOTAL NON-EFFECTIVE TIME						3	0	
LUBRICANTS MOB DATE	GAL	DREDGE START		DFMO	B DATE	0	PCT. OF	NON-EFFEC	CTIV	Έ			12%			
	04/01/2019		4/01/2019	2 _ 1010			-			NON-EFFECTIV T OF WORK)	ETIME				24	0

	PA	PAGE NO. Page 142 of 143							
CONTRACT NO. CONTRACT TITLE CONTRACTOR						REPORT NO.			
W9127818D0103 W9127818F0624	Maintenance Dredging of Mob		71						
DREDGE Pipeline Dredge Missouri H						06/10/2019			
	LOST TIME	(NOT CH	CHARGEABLE TO COST OF WORK)						
ITEM	NAME OR NUMBER	H.P.	HOURS			HR	MIN		
Tender	Arthur	250	24:00	MAJOR REPAIRS		0	0		
Tender	Ashley	250	24:00	CESSATION		0	0		
Tender	Grayson	500	24:00	COLLISIONS		0	0		
				MISCELLANEOUS		0	0		
				TOTAL LOST TIME		0	0		
				PERCENTAGE OF TOTAL TIME	0%				
				TOTAL TIME IN PERIOD		24	0		

## GENERAL COMMENTS

THE QC DEPT. Took Check sections from station 12+00 to 30+38.

## SAFETY

Weather observed on Monday calm, cloudy, and hot. Outside crew performing routine maintenance on equipment, cleaning cutter, shifting anchors and adding/removing floating line. Engine Room crew performing preventative maintenance and repairing equipment when necessary. Disposal area illuminated and accessible. No injury or incident reported.

CONTRACTOR CERTIFICATION	On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.						
QC REPRESENTATIVE'S SIGNATURE	DATE	SUPERINTENDENT'S INITIALS	DATE				

	PAGE NO. Page 143 of 143		
CONTRACT NO.	CONTRACT TITLE	CONTRACTOR	REPORT NO.
W9127818D0103 W9127818F0624	Maintenance Dredging of Mobile Harbor	Mike Hooks, L.L.C	71