

QUALITY CONTROL REPORT-BUCKET/PIPELINE											PAGE NO. Page 1 of 3	
CONTRACT NO. W912BU20C0034 NA		CONTRACT TITLE Maintenance Dredging, Philly to Trenton				CONTRACTOR Resilient Seas				REPORT NO. 8		
CHARACTER OF REPORT		<input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL								DATE 10/12/2020		
DREDGE		NAME AND TYPE Dredge Severson					SHIFTS PER DAY 2		DAYS PER WEEK 7			
		SIZE		HORSEPOWER			NO. OF CREW MEMBERS					
		PIPELINE 0	DIPPER OR BUCKET 0	DREDGE PUMP 700	SUCTION PIPE JET 16	CUTTER OR BUCKET 0	DREDGE 15	SHORE 0	OTHER 0	TOTAL 15		
LOCATION/CHANNEL OF WORK												
LOCATION OF WORK		REACH DREDGED; STATION TO STATION DE River Channel Acceptance Section 2			DISPOSAL AREA USED Money Island Cell A		QTY DEPOSITED GROSS (CY) 0		CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,294			
CHARACTER OF MATERIAL (%)		GRAVEL 0 %	SAND 5 %	CLAY 0 %	MUD 75 %	SILT 20 %	HARDPAN 0 %	STONE 0 %	SHELL 0 %	OTHER 0 %		
CHANNEL CONDITION		AVERAGE DEPTH			BEFORE DREDGING 39			AFTER DREDGING 42				
RIVER/TIDE STAGE		MIN 1.18	TIME 06:14	MAX 7.81	TIME 11:31	GAGE LOCATION Delaware River						
		MIN 1.19	TIME 18:12	MAX 8.61	TIME 23:41	GAGE DATUM MLLW						
WEATHER CONDITION		WEATHER Weather Caused No Delay			TEMP (min/max) 51 °F / 57 °F		VISIBILITY 10 MI		WIND 15/NE MPH			
WORK PERFORMED					DISTRIBUTION OF WORK							
ITEM		UNIT		QUANTITY		EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK)				HR.	MIN.	
AVERAGE WIDTH OF CUT		FT		53		PUMPING OR DREDGING				0	0	
TOTAL ADVANCE THIS PERIOD		FT		0		PCT OF EFFECTIVE TIME				0%		
TOTAL ADVANCE PREVIOUSLY		FT		509		BOOSTER (IN LINE)						
TOTAL ADVANCE TO DATE		FT		509		NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK)						
SCOWS LOADED		NUMBER		0		HANDLING PIPE LINES				0	0	
AVERAGE LOAD PER SCOW		CY		0		HANDLING ANCHOR LINES				0	0	
FLOATING PIPE 1,500		SHORE PIPE 1,500		SUBMERGED PIPE 5,500		CLEARING PUMP AND PUMP LINES				0	0	
TOTAL LENGTH OF DISCHARGE PIPE		FT		8,500		CLEARING CUTTER AND SUCTION HEAD				0	0	
CUBIC YARDS REMOVED		GROSS		CREDITED		WAITING FOR SCOWS				0	0	
AMOUNT DREDGE THIS DATE		0		0		TO AND FROM WHARF OR ANCHORAGE				0	0	
AMOUNT PREVIOUSLY REPORTED		1,294		1,294		CHANGING LOCATION OF PLANT ON JOB				0	0	
TOTAL AMOUNT DREDGED TO DATE		1,294		1,294		LOSS DUE TO OPPOSING NATURAL ELEMENTS				0	0	
AMOUNT DREDGED PER PUMPING/CUTTING HR		NA		NA		SHORE LINE AND SHORE WORK				0	0	
OPERATING SUPPLIES					WAITING FOR BOOSTER				0	0		
COMMODITY					CONSUMED		CREDITED		MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS)			
ITEM	UNIT	QUANTITY		QUANTITY		WAITING FOR ATTENDANT PLANT				0	0	
FUEL	BBL	200		1,000		PREPARATION AND MAKING UP TOW				0	0	
ELECTRICITY	KW	0		0		TRANSFERRING PLANT BETWEEN WORKS				0	0	
LUBRICANTS	GAL	0		0		LAY TIME OFF SHIFT AND SATURDAYS				0	0	
MOB DATE	DREDGE START		DEMOB DATE		SUNDAYS AND HOLIDAYS				0	0		
10/06/2020	10/06/2020				FIRE DRILL				0	0		
					MOVING OUT OF WAY OF TRAFFIC				0	0		
					MISCELLANEOUS (EXPLAIN IN REMARKS)				0	0		
					TOTAL NON-EFFECTIVE TIME				24	0		
					PCT. OF NON-EFFECTIVE				100%			
					TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)				24	0		

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DREDGE	Dredge Sevenson				DATE 10/12/2020	
ATTENDANT PLANT				LOST TIME (NOT CHARGEABLE TO COST OF WORK)		
ITEM	NAME OR NUMBER	H.P.	HOURS		HR	MIN
Barge	Knuckle Boom Barge	150	24:00	MAJOR REPAIRS	0	0
Barge	Fuel Barge	0	12:00	CESSATION	0	0
Crew Boat	California Skiff	90	24:00	COLLISIONS	0	0
Push Boat	Push Boat	300	24:00	MISCELLANEOUS	0	0
North Star Tug	Juhn Crunden	300	24:00	TOTAL LOST TIME	0	0
				PERCENTAGE OF TOTAL TIME	0%	
				TOTAL TIME IN PERIOD	24	0
<div>QC NARRATIVE(S)</div> <div>Where there any delays in work progress today?</div> <div>The Dredge Sevenson was down for the duration of the day due to operating repairs. The engineer received the part needed to fix the flow meter that measures velocity. Once the repairs were completed, calibrations had to be performed on the system. The dredge featured continual issues with reaching prime when trying to dig. In addition, the CAT mechanic was onboard to assist with completing additional operating repairs and plans to perform a stack temperature test.</div>						
CONTRACTOR CERTIFICATION		On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work 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
Meghan Barrett						

C:\Users\mberrett\Desktop\ENGINEERING\Drawings\Look Ahead Drawing\201011 DE River Channel Maintenance Look Ahead Map.dwg

Legend

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Look Ahead			
Date	Dig Qty (CY) BD	Travel (ft) Estimate	Cut Density (CY/Inft) BD
10/13/20	1,000	145.8	6.9
10/14/20	1,000	276.7	3.6
10/15/20	1,000	549.1	1.8
10/16/20	1,000	197.8	5.1
10/17/20	1,000	147.3	6.8



PROJECT: DE River Channel Philly to Tenton

TITLE: Look Ahead Progress Map

SUMCO JOB NO.:	R0001	DRAWN BY:	Mbarrett	DATE:	October 13, 2020
CLIENT JOB NO.:	W912BU20B0009	LAST SAVED BY:	Mberrett	SCALE:	1:200

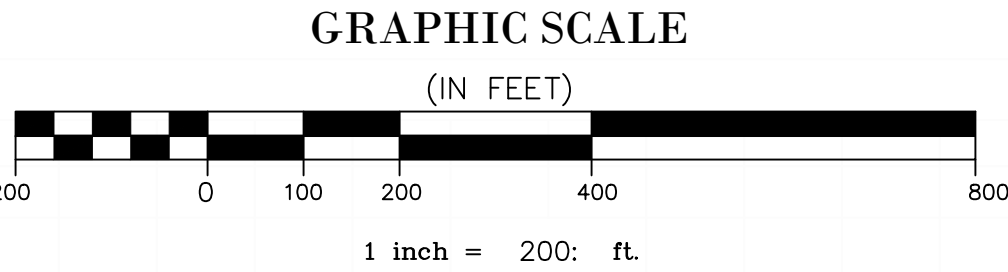
FILE NAME: C:\Users\mberrett\Desktop\ENGINEERING\Drawings\Look Ahead Drawing\201011 DE River Channel Maintenance Look Ahead Map.dwg

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	XXXXXX
LOCAL GRID:	XXXXXX
VERTICAL DATUM:	XXXXXX
UNITS HORIZ. / VERT.:	XXXXXX
SURVEY (PROJ.) CONTROL POINT:	X= XXXXXX
	Y= XXXXXX
SURVEY (PROJ.) BENCH MARK:	Z= XXXXXX
	Y= XXXXXX
	Z= XXXXXX
TIDE STAFF LOCATION:	XXXXXX

OPERATOR / CONDITIONS	
SURVEY DATE:	XXXXXX
ENGINEER / SURVEYOR:	XXXXXX
SURVEY VESSEL:	XXXXXX
VESSEL OPERATOR:	XXXXXX
WEATHER:	XXXXXX
TEMPERATURE:	XXXXXX
WIND:	XXXXXX
SEA:	XXXXXX

ELECTRONIC EQUIPMENT	
PATHOMETER:	XXXXXX
FREQUENCY(S):	XXXXXX
HEAVE COMP.:	XXXXXX
SOS (AVG):	XXXXXX
POSITIONING:	XXXXXX
TIDE GAUGE:	XXXXXX



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PAGE

1

OF --- PAGES