

REPORT OF OPERATIONS—PIPELINE, DIPPER OR BUCKET DREDGES						REPORTS CONTROL SYMBOL ENG CW-0-13									
THRU:		TO:		FROM:		REPORT NO.									
CHARACTER OF REPORT	<input type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> DAILY <input type="checkbox"/> STATUS <input type="checkbox"/> COMPLETION <input type="checkbox"/> ANNUAL						DATE OR PERIOD								
	NAME AND TYPE			PIPELINE SIZE → <i>in. dia. disc.</i>		DIPPER OR BUCKET <i>cu. yds. cap.</i>									
DREDGE	HORSEPOWER OF →		DREDGE PUMP		SUCTION PIPE JET		CUTTER OR BUCKET		PROPULSION						
	NUMBER OF CREW MEMBERS →		DREDGE		SHORE		OTHER PLANT		TOTAL		WORK SCHEDULE →		SHIFTS PER DAY		DAYS PER WEEK
PROJECT AND BAR	NAME				AUTH DIMENSIONS →		WIDTH		DEPTH		OVERDEPTH				
	LOCATION (include station numbers)														
CHARACTER OF MATERIAL	ABSOLUTE DENSITY				IN PLACE DENSITY				VOIDS RATIO						
	<i>GMS/liter</i>				<i>GMS/liter</i>										
CONTRACT OR DREDGING ORDER	NUMBER				<input type="checkbox"/> CONTRACTOR		<input type="checkbox"/> HIRED LABOR		TOTAL NO. OF DAYS ON WHICH WORK WAS DONE						
	AVERAGE DEPTH →		BEFORE DREDGING		AFTER DREDGING		MINIMUM SOUNDING →		BEFORE DREDGING		AFTER DREDGING				
RIVER STAGE	MINIMUM		TIME		MAXIMUM		TIME		GAGE LOCATION						
WEATHER CONDITION	(clear, cloudy, rain, snow, and fog)						VISIBILITY <i>miles</i>		WIND (maximum velocity & direction)						
WORK PERFORMED						DISTRIBUTION OF TIME									
ITEM			UNIT		QUANTITY		EFFECTIVE WORKING TIME <i>(chargeable to cost of work)</i>				HOURS		MIN.		
AVERAGE WIDTH OF CUT			FEET				PUMPING OR DREDGING								
TOTAL ADVANCE THIS PERIOD			FEET				PCT. OF EFFECTIVE RENTAL TIME				%				
TOTAL ADV. PREVIOUS TO THIS PERIOD			FEET				BOOSTER (in line)				Hrs. Min.				
TOTAL ADVANCE TO DATE			FEET				NON-EFFECTIVE WORKING TIME <i>(chargeable to cost of work)</i>								
FLOATING PIPE:			SHORE PIPE:				HANDLING PIPE LINES								
TOTAL LENGTH OF DISCHARGE PIPE			FEET				HANDLING ANCHOR LINES								
AVERAGE LIFT			FEET				CLEARING PUMP AND PIPE LINE								
AVERAGE PUMP SPEED			R.P.M.				CLEARING CUTTER OR SUCTION HEAD								
AVG. DREDGED PER PUMP. HR, GROSS			CU.YDS.				WAITING FOR SCOWS								
SCOWS LOADED			NUMBER				TO AND FROM WHARF OR ANCHORAGE								
AVERAGE LOAD PER SCOW			CU.YDS.				CHANGING LOCATION OF PLANT ON JOB								
CUBIC YARDS REMOVED															
AMOUNT DREDGED THIS PERIOD:						LOSS DUE TO OPPOSING NATURAL ELEMENTS									
(1) GROSS (computed amount)						LOSS DUE TO PASSING VESSELS									
(2) CREDITED (pay place)						SHORE LINE AND SHORE WORK									
AMOUNT PREVIOUSLY REPORTED:						WAITING FOR BOOSTER									
(1) GROSS (computed amount)						MINOR OPER. REPAIRS (explain in remarks)									
(2) CREDITED (pay place)						WAITING FOR ATTENDANT PLANT									
TOTAL AMOUNT DREDGED TO DATE:						PREPARATION AND MAKING UP TOW									
(1) GROSS (computed amount)						TRANSFERRING PLANT BETWEEN WORKS									
(2) CREDITED (pay place)						LAY TIME OFF SHIFT AND SATURDAYS									
ATTENDANT PLANT						SUNDAYS AND HOLIDAYS									
ITEM		NAME OR NUMBER				HOURS		FIRE DRILL							
								MISCELLANEOUS (explain in remarks)							
								TOTAL NON-EFFECTIVE WORKING TIME							
								PCT. OF NON-EFFECTIVE RENTAL TIME				%			
								TOTAL EFFECTIVE AND NON-EFFECTIVE TIME <i>(chargeable to cost of work)</i>							
								PCT. OF TOTAL TIME IN PERIOD				%			
								LOST TIME <i>(not chargeable to cost of work)</i>							
								MAJOR REPAIRS AND ALTERATIONS							
								CESSATION							
								COLLISIONS							
								MISCELLANEOUS (explain in remarks)							
NUMBER OF INSPECTIONS		BY DISTRICT PERSONNEL				BY DIV & OCE PERSONNEL		TOTAL LOST TIME							
CONTRACT USE ONLY		HAS ANYTHING DEVELOPED WHICH MIGHT LEAD TO A CHANGE ORDER OR CLAIM? <input type="checkbox"/> NO <input type="checkbox"/> YES <i>(If "YES", explain under remarks on back)</i>						PERCENTAGE OF TOTAL TIME				%			
								TOTAL TIME IN PERIOD							

ENG FORM
JAN 70

4267

REPLACES ENG FORM 28 (Costs), 1 MAR 53, AND ENG FORM 29 (Costs),
1 JAN 62, WHICH ARE OBSOLETE. (ER1125-2-304)

(Signature and Remarks
required on reverse side.)

02325-A1

SUMMARY OF COSTS

ITEMS	COST
DIRECT PLANT OPERATING COSTS	
UNIFORM DAILY RATE BASIS <i>(To be completed when submitting Status and Completion reports.)</i>	
CHARGES: _____ DAYS AT \$ _____ PER DAY <i>(Item 19, ENG Form 22 (Costs) - adjusted to exclude plant increment cost.)</i>	
▶ OR ◀	
ACTUAL PLANT COSTS <i>(To be completed when submitting Annual report.)</i>	
PAYROLLS <i>(gross)</i>	\$ _____
SUBSISTENCE & QUARTERS OR PER DIEM & MILEAGE.....	\$ _____
FUEL _____ BARRELS AT \$ _____ PER BARREL.....	\$ _____
WATER.....	\$ _____
LUBRICANTS.....	\$ _____
PLANT OWNERSHIP COSTS <i>(as computed below)</i>	\$ _____
INSURANCE.....	\$ _____
ATTENDANT PLANT.....	\$ _____
MISCELLANEOUS.....	\$ _____
SUBTOTAL—UNIFORM DAILY RATE OR ACTUAL COSTS.....	\$ _____
SUBTOTAL—PLANT UNIT COST \$ _____ PER CUBIC YARD.	_____
SHORE WORK	
SUBTOTAL—SHORE WORK COSTS.....	\$ _____
SUBTOTAL—SHORE WORK UNIT COSTS \$ _____ PER CUBIC YARD.	_____
OTHER COSTS	
SURVEYS.....	\$ _____
INSPECTION AND SUPERVISION.....	\$ _____
OVERHEAD.....	\$ _____
OTHER INDIRECT COSTS.....	\$ _____
SUBTOTAL—OTHER COSTS.....	\$ _____
SUBTOTAL—OTHER UNIT COST \$ _____ PER CUBIC YARD.	_____
GRAND TOTAL—ALL COSTS	
GRAND TOTAL—ALL UNIT COSTS \$ _____ PER CUBIC YARD.	

OPERATING SUPPLIES					ANNUAL REPORT DATA <i>(complete when submitting Annual report)</i>	
COMMODITIES	CONSUMED		INVENTORY		COST PER RENTAL MINUTE <i>(Based on total operating cost)</i>	per min.
	UNIT	QUANTITY	QUANTITY	VALUE		
FUEL <i>(oil)</i>	BBLS				\$ _____	
LUBRICANT <i>(oil)</i>	GAL				\$ _____	
LUBRICANT <i>(grease)</i>	LBS				\$ _____	
WATER	GAL				\$ _____	
					\$ _____	
					\$ _____	
					\$ _____	
SUBSISTENCE SUPPLIES.....						
MISCELLANEOUS SUPPLIES.....						
TOTAL					\$ _____	
					TOTAL	\$ _____

REMARKS

SUBMITTED BY <i>(Name, title, and signature)</i>	RECOMMENDED BY <i>(Name, title, and signature)</i>	APPROVED BY <i>(Name, title, and signature)</i>
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