

REPORT OF OPERATIONS -- HOPPER DREDGES

RCS: ENGCW-0-13

TO: COMMANDER/DIRECTOR
U.S. ARMY WATER RESOURCES SUPPORT CENTER
ATTN: WRSC-D, FORT BELVOIR, VA 22060

DISTRICT

DREDGE

EXACT LOCATION OF WORK

- MAINTENANCE
- NEW WORK
- CONSOLIDATED
- JOB REPORT

DATE

AV. NUMBER OF PERSONS IN CREW

AV. LENGTH OF CUT	FT.	CHARACTER OF MATERIAL					
AV. WIDTH OF CUT	FT.	ABSOLUTE DENSITY	GMS/LITER	IN PLACE DENSITY	GMS/LITER	WATER DENSITY	GMS/LITER
AV. DIST. TO DUMP	MILES	VOIDS RATIO		GRAIN SIZES:	D ₂₀ -	MM. D ₅₀ -	MM. D ₈₀ -
HOPPER CAPACITY	CU. YDS.	AV. VOLUME OF WATER	CU. YDS.	AV. UNFILLED CAPACITY	CU. YDS.		

NAVIGATION AND OTHER AIDS, INCLUDING STATEMENT AS TO ADEQUACY

WORK PERFORMED				DISTRIBUTION OF TIME		
CUBIC YARDS	THIS PERIOD	PREVIOUSLY	TO DATE	EFFECTIVE WORKING TIME <i>(Chargeable to Cost of Work)</i>	HOURS	MINUTES
A. HAULED						
B. AGITATED				DREDGING AND HAULING		
C. PAY PLACE <i>(Credited)</i>				PUMPING		
D. EXCESS				TURNING		
E. NATURAL SHOALING OR SCOURING				TO AND FROM DUMP		
F. TOTAL (C&E)				DUMPING		
NUMBER OF LOADS HAULED		NUMBER OF TEST LOADS		TOTAL		
AV. LOAD	CU. YDS.	AV. ECONOMIC LOAD	CU. YDS.	AGITATION		
AV. PUMPING TIME		AV. ECONOMIC PUMPING TIME	MINS.	PUMPING AND TURNING		
ATTENDANT PLANT				TOTAL EFFECTIVE WORKING TIME		
NAME OF PLANT	TYPE	HOURS		PERCENTAGE OF RENTAL TIME	%	
				NONEFFECTIVE WORKING TIME <i>(Chargeable to Cost of Work)</i>		
				TAKING ON FUEL AND SUPPLIES		
				TO AND FROM WHARF OR ANCHORAGE		
				LOSS DUE TO OPPOSING NATURAL ELEMENTS		
				LOSS DUE TO TRAFFIC AND BRIDGES		
				MINOR OPERATING REPAIRS		
				TRANSFERRING BETWEEN WORKS		
				LAY TIME		
				FIRE AND BOAT DRILLS		
				MISCELLANEOUS		
				TOTAL NONEFFECTIVE WORKING TIME		
OPERATING SUPPLIES				PERCENTAGE OF RENTAL TIME		
COMMODITIES	CONSUMED		INVENTORY		%	
	UNIT	QUANTITY	QUANTITY	VALUE	%	
FUEL (Oil)	BBLS.				TOTAL RENTAL TIME	
LUBRICANTS (Oil)	GALS.				PERCENTAGE OF TOTAL TIME	
LUBRICANTS (Greased)	LBS.				LOST TIME <i>(Not Chargeable to Cost of Work)</i>	
WATER	GALS.				MAJOR REPAIRS AND ALTERATIONS	
					CESSATION	
					COLLISIONS	
SUBSISTENCE SUPPLIES					TOTAL LOST TIME	
MISCELLANEOUS SUPPLIES					PERCENTAGE OF TOTAL TIME	
TOTAL					TOTAL TIME IN PERIOD	

MISCELLANEOUS DATA

NUMBER OF INSPECTIONS BY FIELD SUPERVISORY PERSONNEL	PERCENT OF TOTAL PUMPING TIME GAS EJECTION IN USE
NUMBER OF INSPECTIONS BY OFFICE SUPERVISORY PERSONNEL	HOURS DURING PERIOD RADAR IN USE

COST DATA

ITEMS

COST

PAYROLLS <i>(gross)</i>	\$	
LESS SUBSISTENCE AND QUARTERS		\$
SUBSISTE		
FUEL		
WATER		
LUBRICANTS		
PLANT RENTAL		
INSURANCE		
ATTENDANT PLANT		
MISCELLANEOUS		
TOTAL PLANT OPERATING COST		
\$	HAULED \$	AGITATED
SURVEYS		\$
INSPECTION AND SUPERVISION		
OVERHEAD		
OTHER INDIRECT COSTS		
		SUBTOTAL
TOTAL COSTS		
TOTAL COST PER CUBIC YARD:		
CREDITED	+ SHOALING	TOTAL COST TO
	CREDITED - SCOURING	REMOVE EXCESS
JOB EST.	\$	\$
THIS PERIOD	\$	\$
JOB TO DATE	\$	\$
OPERATING COST PER MINUTE AT WORK		\$

FORMULA:
 EXCESS YARDAGE
 EXCESS + CREDIT { x SHOALING x TOTAL COST
 - SCOURING

(BASED on effective plus noneffective

DATA FROM PLANT COST AND RENTAL		
BOOK	19	\$
BALANCE IN PLANT RENTAL		\$
ADDITIONS AND BETERMENTS TO		\$
A COSTS CHARGED TO PLANT RENTAL:		
N DEPRECIATION		\$
U CESSATION OF WORK		\$
A REPAIRS TO HULL		\$
L REPAIRS TO MACVHINERY		\$
SMALL TOOL, ROPE, ETC.		\$
TOTAL COST		\$

CHIEF BUDGET AND ACCOUNTS BRANCH

REMARKS

SUBMITTED BY	RECOMMENDED	APPROVED
TITLE	TITLE	TITLE
		CORPS OF ENGINEERS DISTRICT ENGINEER