

## REPORT OF OPERATIONS - HOPPER DREDGES

For use of this form, see ER 37-2-10; the proponent agency is CERM-FC

REPORT CONTROL SYMBOL (RCS) : ENGCW-0-13

TO: COMMANDER/DIRECTOR U.S. ARMY WATER RESOURCES SUPPORT CENTER ATTENTION: WRSC-D, FORT BELVOIR, VA 22060			DISTRICT			DREDGE			
EXACT LOCATION OF WORK			<input type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> CONSOLIDATED <input type="checkbox"/> JOB REPORT			DATE (YYYYMMDD)			
AV. LENGTH OF CUT			FT.			CHARACTER OF MATERIAL			
AV. WIDTH OF CUT			FT.			ABSOLUTE DENSITY		GMS/LITER	
AV. DISTANCE TO DUMP			MILES			VOIDS RATIO		WATER DENSITY	
HOPPER CAPACITY			CU. YDS.			AV. VOLUME OF WATER		CU. YDS.	
			GRAIN SIZES			D <sub>20</sub> -		MM. D <sub>50</sub> -	
								MM. D <sub>80</sub> -	
								MM.	
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						DREDGING AND HAULING PUMPING			
B. AGITATED									
C. PAY PLACE <i>(Credited)</i>						TURNING			
D. EXCESS						TO AND FROM DUMP			
E. NATURAL SHOALING OR SCOURING						DUMPING			
F. TOTAL <i>(C&amp;E)</i>						TOTAL			
NUMBER OF LOADS HAULED		NUMBER OF TEST LOADS			AGITATION PUMPING AND TURNING				
AV. LOAD		CU. YDS.	AV. ECONOMIC LOAD		CU. YDS.	TOTAL EFFECTIVE WORKING TIME			
AV. PUMPING TIME			AV. ECONOMIC PUMPING TIME		MINS.	PERCENTAGE OF RENTAL TIME		%	
ATTENDANT PLANT					NON-EFFECTIVE WORKING TIME <i>(Chargeable to cost of work)</i>				
NAME OF PLANT		TYPE		HOURS		TAKING ON FUEL AND SUPPLIES			
						TO AND FROM WHARF OR ANCHORAGE			
						LOSS DUE TO OPPOSING NATURAL ELEMENTS			
						LOSS DUE TO TRAFFIC & BRIDGES			
						MINOR OPERATING REPAIRS			
						TRANSFERRING BETWEEN WORKS			
						LAY TIME			
						FIRE AND BOAT DRILLS			
						MISCELLANEOUS			

OPERATING SUPPLIES					DISTRIBUTION OF TIME (Continuation)		
COMMODITIES	CONSUMED		INVENTORY		TOTAL NON-EFFECTIVE WORKING TIME	HOURS	MINUTES
	UNIT	QUANTITY	QUANTITY	VALUE			
FUEL (Oil)	BBLs.						
LUBRICANTS (Oil)	GALS.				PERCENTAGE OF RENTAL TIME	%	
LUBRICANTS (Grease)	LBS.				TOTAL RENTAL TIME		
WATER	GALS.				PERCENTAGE OF TOTAL TIME	%	
					LOST TIME (Not chargeable to cost work)		
SUBSISTENCE SUPPLIES					MAJOR REPAIRS AND ALTERATIONS		
MISCELLANEOUS SUPPLIES					CESSATION		
			TOTAL		COLLISIONS		
MISCELLANEOUS DATA					TOTAL LOST TIME		
NUMBER OF INSPECTIONS BY FIELD SUPERVISORY PERSONNEL					PERCENTAGE OF TOTAL TIME	%	
NUMBER OF INSPECTIONS BY OFFICE SUPERVISORY PERSONNEL					TOTAL TIME IN PERIOD		
PERCENT OF TOTAL PUMPING TIME GAS EJECTION IN USE					%		
HOURS DURING PERIOD RADAR IN USE							
<b>COST DATA</b>							
ITEMS					COST		
PAYROLLS (gross)					\$		
LESS SUBSISTENCE AND QUARTERS					\$		
SUBSISTENCE							
FUEL	BBLs. AT			\$			
WATER							
LUBRICANTS							
PLANT RENTAL							
INSURANCE							
ATTENDANT PLANT							
MISCELLANEOUS (Specify)							
TOTAL PLANT OPERATING COST (to include Hauled and Agitated amounts below)							
\$		HAULED	\$		AGITATED		
SURVEYS					\$		
INSPECTION AND SUPERVISION							
OVERHEAD							
OTHER INDIRECT COSTS							
SUBTOTAL							
TOTAL COSTS (total plant operating cost + subtotal above)							

COST DATA (Continuation)

TOTAL COST PER CUBIC YARD:

	CREDITED	+ SHOALING CREDITED - SCOURING	TOTAL COST TO REMOVE EXCESS	
JOB ESTIMATE	\$	\$	\$	FORMULA: EXCESS YARDAGE  EXCESS + CREDIT { X SHOALING X TOTAL COST - SCOURING
THIS PERIOD	\$	\$	\$	
JOB TO DATE	\$	\$	\$	
OPERATING COST PER MINUTE AT WORK (BASED on effective plus noneffective time)			\$	

DATA FROM PLANT COST AND RENTAL

		BOOK LEDGERS	YEAR (YYYY)	\$
		BALANCE IN PLANT RENTAL VALUE		\$
		ADDITIONS AND BETERMENTS TO ACCOUNT		\$
ANNUAL	COSTS CHARGED TO PLANT RENTAL			
		DEPRECIATION		\$
		CESSATION OF WORK		\$
		REPAIRS TO HULL		\$
		REPAIRS TO MACHINERY		\$
		SMALL TOOL, ROPE, ETC.,		\$
		TOTAL COST		\$

PRINTED NAME (Last, First MI)	DATE (YYYYMMDD)	CHIEF BUDGET AND ACCOUNTS BRANCH SIGNATURE

REMARKS

SUBMITTED BY NAME AND TITLE (Last, First MI)	DATE (YYYYMMDD)	SUBMITTED BY SIGNATURE
RECOMMENDED BY NAME AND TITLE (Last, First MI)	DATE (YYYYMMDD)	RECOMMENDED BY SIGNATURE
APPROVED BY NAME AND TITLE (Last, First MI)	DATE (YYYYMMDD)	APPROVED BY SIGNATURE