

**U.S. Army Corps of Engineers (USACE)**  
**DAILY REPORT OF OPERATIONS - HOPPER DREDGES**

For use of this form, see ER 37-2-10; the proponent agency is CECW-CO.

1. DISTRICT				2. DREDGE	
3. EXACT LOCATION OF WORK			4. WORK TYPE  <input type="checkbox"/> a. MAINTENANCE <input type="checkbox"/> b. NEW WORK		5. DATE (YYYYMMDD)
					6. NUMBER OF PERSONS IN CREW
7. AV. LENGTH OF CUT	FT.	10. CHARACTER OF MATERIAL		11. HOPPER CAPACITY	
8. AV. WIDTH OF CUT	FT.	a. DENSITY OF MAT. IN PLACE		12. AV. VOL. OF BIN WATER	
9. AV. DIST. TO DUMP	FT.	b. DENSITY OF WATER		13. AV. UNFILLED CAPACITY	
		GMS/LITER AT		°F	
14. NAVIGATION AND OTHER DREDGING AIDS <i>(Describe and include statement on adequacy and recommendations)</i>					
15. WORK PERFORMED				16. DRAFT FOR LOAD NO. <i>(for one load only)</i>	
a. DREDGING AND HAULING			b. AGITATING	17. AREA	(1) LIGHT
					(2) LOADED
(1) NO. OF LOADS	(2) TOT. CU. YDS.	(3) DISPOSAL AREA	(1) TOT. CU. YDS.	a. FORWARD	
				b. AFT	
				18. DRAG DEPTH	
				MAX. MIN.	
				19. INDICATORS LAST CHECKED ON DATE (YYYYMMDD)	
				20. GAS EJECTORS USED % OF PUMPING TIME	
21. DISTRIBUTION OF TIME AND MILES RUN					
		(a) AGITATING <i>(Minutes)</i>	(b) DREDGING AND HAULING <i>(Minutes)</i>	(c) MILES RUN <i>(Stat. Miles)</i>	
a. EFFECTIVE WORKING TIME					
(1) PUMPING					
(2) TURNING					
(3) TO DUMP					
(4) DUMPING					
(5) TO CUT					
(7) TOTALS					
b. NON-EFFECTIVE WORKING TIME					
(1) TAKING ON FUEL AND SUPPLIES					
(2) TO AND FROM WHARF OR ANCHORAGE					
(3) LOSS DUE TO NATURAL ELEMENTS					
(4) LOSS DUE TO TRAFFIC AND BRIDGES					
(5) MINOR OPERATING REPAIRS					
(6) TRANSFERRING BETWEEN WORKS					
(7) LAY TIME					
(8) FIRE AND BOAT DRILLS					
(9) MISCELLANEOUS					
(10) TOTALS					

21. DISTRIBUTION OF TIME AND MILES RUN (Continuation)			
	(a) AGITATING (Minutes)	(b) DREDGING AND HAULING (Minutes)	(c) MILES RUN (Stat. Miles)
c. LOST TIME			
(1) MAJOR REPAIRS AND ALTERATIONS			
(2) CESSATION			
(3) COLLISIONS			
(4) <b>TOTAL LOST TIME</b>			
(d) TOTAL TIME IN PERIOD			
22. AVERAGE SPEED OF DREDGE		23. MINUTES RADAR IN USE	
a. LOADING	b. FEET / MINUTE	24. TIDE DATA WAS OBTAINED BY MEANS OF	
c. AGITATING		25. WEATHER	
d. GALS. OF FUEL OIL CONSUMED		26. NUMBER OF INSPECTIONS BY SUPERVISORY PERSONNEL	
e. GALS. OF WATER CONSUMED		a. FIELD	b. OFFICE
27. REMARKS			
28a. SUBMITTED BY NAME (Last, First MI) AND TITLE		b. DATE (YYYYMMDD)	c. SIGNATURE

29. BREAKDOWN OF LOADS DREDGED AND HAULED																30. DATE (YYYYMMDD)		
LOAD NUMBER	a.  *UNWATERED	b. TIME PUMP (0001-2400)		c.  MINUTES						d. CUBIC YARDS RETAINED (In terms of in place material)						e.  MID-DEPTH SAMPLES		
		(1)  STARTED	(2)  STOPPED	(1)  PUMPING	(2)  TURNING	(3)  TO DUMP	(4)  DUMPING	(5)  TO CUT	(6)  TOTAL	(1)  ***SETTLED SOLIDS	(2)  ***SUSPENDED SOLIDS	(3)  BIN WATER SOLIDS	(4)  **TOTAL	(5)  PER PUMPING MINUTE	(6)  PER ELAPSED MINUTE	(1)  ***DENSITY GMS/LITER	(2)  ***% SOLIDS (In place)	(3)  MATE AND DRAGTENDERS
f. AVERAGE																		
31. ECONOMIC LOAD DATA																		
a. PUMPING TIME (Minutes)				b. ECONOMIC LOAD (Cubic Yards)				c. TEST LOAD NUMBER.				d. DATE OF TEST (YYYYMMDD)						
32. REMARKS																		
NOTE: *WHEN LOAD IS DREDGED WITH HOPPERS UNWATERED, INDICATE BY LETTER "U". **TOTAL CUBIC YARDS RETAINED = SETTLED SOLIDS + SUSPENDED SOLIDS - BIN WATER SOLIDS OR DETERMINED DIRECTLY BY YARDAGE METER. ***NOT NECESSARY WHEN MEASURING LOAD BY YARDAGE METER.																		