

WATER POLLUTION CONTROL UTILITY OPERATING LOG							PLANT		TREATMENT		INSTALLATION	COMMAND	PERIOD OF REPORT (Month and year)		Reports Control Symbol RCS:					
DATE	DAY OF WEEK	WEATHER		WASTEWATER FLOW (1,000 GAL.) RATE/DAY			RECIRCULATED FROM TO	INFLUENT		FINAL EFF. pH	SETTLEABLE SOLIDS (ml/L)		ANALYTICAL RESULTS							
		P R E C I P	T E M P	MAX	MIN	TREATED		TEMP	pH		RAW	PRIM EFF	BOD-PPM (5-DAYS)				SUSP. SOLIDS-PPM			
										RAW			PRIM EFF	FINAL EFF	LBS/ DAY	RAW	PRIM EFF	FINAL EFF	LBS/ DAY	
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WATER POLLUTION CONTROL UTILITY OPERATING LOG CONTINUED

DATE	DAY OF WEEK	DO		RAW SLUDGE			SLUDGE DRAWN TO BEDS (GAL.)	COD		OIL & GREASE		FINAL TURBIDITY	COLIFORM COUNT	Cl ₂					
		PRIM EFF	FINAL EFF	PUMPED (GAL.)	PERCENT SOLIDS	PERCENT VOLATILE		RAW	FINAL	RAW	FINAL			FINAL RESID	LBS USED DAY				
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WATER POLLUTION CONTROL UTILITY OPERATING LOG CONTINUED - SUMMARY DATA

DATE	DAY OF WEEK					REMARKS	AVERAGE PERCENT REMOVAL			SLUDGE BED DATA				
							UNIT	BOD	SUSPENDED SOLIDS	AVG % SOLIDS		# DRY SOLIDS/DAY		
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TOTAL							TYPED NAME AND SIGNATURE OF PREPARING INDIVIDUAL				DATE PREPARED			
MAXIMUM							TYPED NAME AND SIGNATURE OF APPROVING OFFICIAL				DATE APPROVED			
MINIMUM														
AVERAGE														

WATER POLLUTION CONTROL UTILITY OPERATING LOG CONTINUED - INSTRUCTIONS

AF Form 1462 is for use by all installations having water pollution control plants. It is to be prepared for each treatment plant and posted daily by the person in charge of the plant. At the end of the month, it is to be reviewed and approved by the Base Civil Engineer or other designated engineer and a copy forwarded to the Major Command.

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Precip and Temp. Enter the rainfall in inches and the mean air temperature in degrees F, as reported by the local Weather Bureau or the base Weather Station.

Wastewater Flow (1,000 gal)/Day). Enter maximum and minimum rate of waste water flow and total treated per day, obtained from flow meters or gauges. Enter the metered or estimated wastewater recirculated within the plant per day. Enter at the top of the column the points of withdrawal and return (From-To).

Temperature and pH. Enter the average temperature (degrees F) of the plant influent and the pH of the plant influent and effluent.

Settleable Solids(ml/liter). Record settleable solids tests results in the appropriate columns for raw sewage and primary clarifier effluent sample.

BOD (5 day) and Suspended Solids. Enter test results in parts per million from sampling points and the total pounds of each discharged per day in the appropriate columns.

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DO (Dissolved Oxygen). Enter in appropriate columns, results of the DO tests in mg/l for samples from the primary and final effluent.

Raw Sludge. Enter the total daily gallons of sludge pumped from settling tanks to digestion tanks. Enter in the appropriate column the results of total solids and volatile solids tests of composited raw sludge sample. Results are to be expressed as percent of weight and as percent of dry weight, respectively.

Sludge Drawn to Beds. Enter the gallons of sludge drawn from digestion tank to sludge drying beds on the day drawn.

COD (Chemical Oxygen Demand) and Oil and Grease. Enter the results of the COD and oil and grease tests in mg/l in the appropriate columns. Final Turbidity (JTU) and Fecal Coliform (MPN/100ml). Enter the turbidity measured and fecal coliform count per 100 ml sample for the final effluent in the appropriate columns.

Cl₂ (mg/l). Enter the final effluent chlorine residual and the total pounds used per day in the appropriate columns.

Blank Columns. Use blank columns for other data as required. Enter appropriate headings at top of columns. Examples of information added: cubic feet of gas produced per day; receiving stream data; sludge index; and other information required in accordance with AFM 91-32, permit requirements or for operational process monitoring.

PAGE 3 - SUMMARY DATA

Average Percent Removal. Enter the percent removal of BOD and suspended solids from the primary and for the total plant as indicated. Wastewater Received From Others (1,000 gals). Enter the total amount of wastewater treated during the month which was received from

Population. Enter the month's average of the equivalent daily population served by the plant. (Residents plus one-third of nonresidents.) Screenings and Grit removed during the month in appropriate spaces.

Sludge Bed Data. Enter average analytical results of sludge drawn to beds during the month in appropriate spaces. Where solids determinations are not made, enter observed description, such as heavy, thin, etc. Enter total gallons of sludge drawn to the drying beds and the cubic yards of dried sludge removed from the sludge beds during the month. Also enter the average days drying time.

Monthly Digester Analysis Data. Enter sludge analysis results for digester units at depths sampled.