

PART I
PERMIT REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS: OUTFALL 001 - treated municipal wastewater.

During the period on the effective date and lasting until the date of expiration, the permittee is authorized to discharge from Outfall 001. Such discharges shall be limited and monitored by the permittee as specified below as well as Parts II and III. See Part IV for all definitions and calculations.

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>			<u>Monitoring Requirements</u>	
	Mass (lbs/day, unless otherwise specified)	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Monthly Avg.	7-Day Avg.		
Flow	N/A	Report, MGD	Report, MGD (Daily Maximum)	once/day	totalizing meter
Overflows	Monthly Total SSOs (occurrences/month)			See Comments ¹	
Overflow Volume	Monthly Total Volume of SSOs (gallons/month)			See Comments ¹	
Carbonaceous Biochemical Oxygen Demand (CBOD ₅)	333.6	10	15	once/week	composite ²
Total Suspended Solids (TSS)	500.0	15	23	once/week	composite ²
Ammonia Nitrogen (NH ₃ -N)					
(April)	53.4	1.6	3.9	once/week	composite ²
(May-October)	53.4	1.6	2.4	once/week	composite ²
(November-March)	136.8	4.1	6.2	once/week	composite ²
Dissolved Oxygen (DO)					
(May-Oct)	N/A	5.0, (Monthly Avg Min.)		once/week	grab
(Nov-Apr)	N/A	6.5, (Monthly Avg Min.)		once/week	grab
Fecal Coliform Bacteria (FCB)	N/A	(colonies/100ml)		once/week	grab
		200	400		
Total Phosphorus (TP)	7310 (lbs/year) ⁵	0.6 (Annual Avg) ⁵	1.1 (Daily Max.)	once/week	composite ²
Total Nitrogen (TN)	Report	Report	Report	once/week	composite ²
Nitrate + Nitrite Nitrogen (NO ₃ + NO ₂ -N)	Report	Report	10, (Daily Max.)	two/week	composite ²
pH	N/A	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	once/week	grab
Chronic WET Testing ³	N/A	Report		once/quarter	24-hr composite ⁴

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	Mass (lbs/day, unless otherwise specified)	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
		Monthly Avg.	Monthly Avg.		
<u>Pimephales promelas (Chronic)</u> ³ Pass/Fail Lethality (7-day NOEC) TLP6C Pass/Fail Growth (7-day NOEC) TGP6C Survival (7-day NOEC) TOP6C Coefficient of Variation (Growth) TQP6C Growth (7-day NOEC) TPP6C		<u>7-Day Average</u> Report (Pass=0/Fail=1) Report (Pass=0/Fail=1) Report % Report % Report %		once/quarter once/quarter once/quarter once/quarter once/quarter	24-hr composite ⁴ 24-hr composite ⁴ 24-hr composite ⁴ 24-hr composite ⁴ 24-hr composite ⁴
<u>Ceriodaphnia dubia (Chronic)</u> ³ Pass/Fail Lethality (7-day NOEC) TLP3B Pass/Fail production (7-day NOEC) TGP3B Survival (7-day NOEC) TOP3B Coefficient of Variation (Reproduction) TQP3B Reproduction (7-day NOEC) TPP3B		<u>7-Day Average</u> Report (Pass=0/Fail=1) Report (Pass=0/Fail=1) Report % Report % Report %		once/quarter once/quarter once/quarter once/quarter once/quarter	24-hr composite ⁴ 24-hr composite ⁴ 24-hr composite ⁴ 24-hr composite ⁴ 24-hr composite ⁴

- 1 See Part II.6 of this permit (SSO Condition). If there are no overflows during the entire month, report "zero" (0).
- 2 Composite sample for CBOD5, TSS, NH3-N, TP, and NO3+NO2-N is defined in Part IV of this permit.
- 3 See Part II.11 of this permit (WET Testing Conditions).
- 4 24-hr composite for Whole Effluent Toxicity is defined in Part II.11 of this permit.
- 5 Compliance with annual mass limit and annual average concentration limit shall be demonstrated each month on a 12-month rolling basis using the calculation procedure in Part II.5 of this permit.

There shall be no discharge of distinctly visible solids, scum, or foam of a persistent nature, nor shall there be any formation of slime, bottom deposits, or sludge banks. There shall be no visible sheen as defined in Part IV of this permit.

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge during the entire monitoring period. Samples shall be taken after post aeration.