

B.2. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Discharge to Cat Creek - Outfall #001 (31.068727°, -83.207118°):

- a. The discharge from the Ray City water pollution control plant shall be limited and monitored by the permittee as specified below starting 36 months after effective date of the permit:

Parameters	Discharge limitations in mg/L (lbs/day) unless otherwise specified		Monitoring Requirements		
	Monthly Average	Weekly Average	Measurement Frequency	Sample Type	Sample Location
Flow (MGD)	0.1	0.125	One Days/Week	Instantaneous	Effluent
Five-Day Biochemical Oxygen Demand ⁽¹⁾⁽²⁾	15.0 (12.5)	22.5 (15.6)	One Day/Week	Grab	Influent & Effluent
Total Suspended Solids ⁽²⁾	30 (25)	40 (31.3)	One Day/Week	Grab	Influent & Effluent
Ammonia, as N ⁽¹⁾⁽³⁾⁽⁶⁾	5.2 (4.3)	7.8 (5.4)	One Day/Week	Grab	Effluent
Total Nitrogen, as N ⁽¹⁾⁽³⁾⁽⁴⁾⁽⁶⁾	25.0 (20.9)	37.5 (26.1)	One Day/Week	Grab	Effluent
Total Phosphorus, as P ⁽¹⁾⁽⁵⁾⁽⁶⁾	5.0 (4.2)	7.5 (5.2)	One Day/Week	Grab	Effluent
Fecal Coliform Bacteria (#/100 mL)	200	400	Two Days/Month	Grab	Effluent

⁽¹⁾ Refer to Part I.C.8. TOTAL SUSPENDED SOLIDS FIVE-DAY BIOCHEMICAL OXYGEN DEMAND, AMMONIA, DISSOLVED OXYGEN, TOTAL NITROGEN, AND TOTAL PHOSPHORUS COMPLIANCE SCHEDULE

⁽²⁾ Numeric limits only apply to the effluent.

⁽³⁾ Ammonia, organic nitrogen, nitrate-nitrite, total Kjeldahl nitrogen (TKN), and total nitrogen must be analyzed or calculated from the same sample. Organic nitrogen, as N = TKN – ammonia, as N. Total nitrogen is the sum of all nitrogen and calculated as follows: TN = TKN + nitrite + nitrate.

⁽⁴⁾ The 12-month rolling average shall not exceed 20 mg/L. This limit is applicable 48 months after the effective date of the permit.

⁽⁵⁾ Total phosphorus and orthophosphate must be analyzed from the same sample.

⁽⁶⁾ Refer to Part I.C.9 COMPREHENSIVE NUTRIENT OPTIMIZATION PLAN.

(Effluent limitations continued on the next page)