

B.2. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (CONTINUED)

Discharge to Unnamed Tributary to Franks Creek - Outfall #001 (30.983325°, -83.377761°):

| Parameters | Discharge limitations in mg/L unless otherwise specified | Monitoring Requirements | | |
|--|--|-------------------------|-------------|-----------------|
| | | Measurement Frequency | Sample Type | Sample Location |
| Five-Day Biochemical Oxygen Demand Removal, Minimum (%) ⁽¹⁾ | 85 | See Below | See Below | See Below |
| Total Suspended Solids Removal, Minimum (%) ⁽¹⁾ | 85 | See Below | See Below | See Below |
| pH, Daily Minimum – Daily Maximum (Standard Unit) | 6.0 – 8.5 | Five Days/Week | Grab | Effluent |
| Total Residual Chlorine, Daily Maximum ⁽²⁾ | 0.01 | Five Days/Week | Grab | Effluent |
| Dissolved Oxygen, Daily Minimum | 5.0 | Five Days/Week | Grab | Effluent |
| Orthophosphate, as P ⁽³⁾ | Report | One Day/Month | Composite | Effluent |
| Organic Nitrogen, as N ⁽⁴⁾ | Report | One Day/Month | Calculated | Effluent |
| Nitrate-Nitrite, as N ⁽⁴⁾ | Report | One Day/Month | Composite | Effluent |
| Total Kjeldahl Nitrogen, as N ⁽⁴⁾ | Report | One Day/Month | Composite | Effluent |
| Effluent Testing Data (Permit Reissuance) ⁽⁵⁾ | See Below | See Below | See Below | Effluent |

- (1) Percent removal shall be calculated from monthly average influent and effluent concentrations. Influent and effluent samples shall be collected at approximately the same time.
- (2) Monitoring requirements and the effluent limitation for Total Residual Chlorine (TRC) only apply when chlorine is in use at the facility. The permittee must use the appropriate No Data indicator (NODI) code on the discharge. Monitoring Reports when TRC monitoring is not required. If the treatment process needs to be upgraded to meet the TRC limit, the permittee must submit a design development report and plans and specifications to EPD for review and approval prior to construction.
- (3) Total phosphorus and orthophosphate must be analyzed from the same sample.
- (4) Ammonia, organic nitrogen, nitrate-nitrite, and total Kjeldahl nitrogen (TKN) 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.
- (5) Refer to Part I.C.9 EFFLUENT TESTING DATA (Permit Reissuance)

(Monitoring requirements continued on the next page)