B.1. 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
Total Phosphorus, as P (3) (4)	Report	One Day/Month	Composite	Effluent
Orthophosphate, as P (4)	Report	One Day/Month	Composite	Effluent
Total Nitrogen, as N (3) (5)	Report	One Day/Month	Calculated	Effluent
Organic Nitrogen, as N (5)	Report	One Day/Month	Calculated	Effluent
Nitrate-Nitrite, as N (5)	Report	One Day/Month	Composite	Effluent
Total Kjeldahl Nitrogen, as N (5)	Report	One Day/Month	Composite	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) Refer to Part I.C.8 AMMONIA, TOTAL PHOSPHORUS, AND TOTAL NITROGEN COMPLIANCE SCHEDULE

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

(5) 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.

(Monitoring requirements continued on the next page)