B.1. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (CONTINUED)

Discharge to New River - Outfall #001 (31.444721, -83.478527):

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	Seven Days/Week	Grab	Effluent
Total Residual Chlorine, Daily Maximum	0.01	Seven Days/Week	Grab	Effluent
Dissolved Oxygen, Daily Minimum	6.0	Seven Days/Week	Grab	Effluent
Orthophosphate, as P (2)	Report	One Day/Month	Composite	Effluent
Total Phosphorus, as P (2) (3)	Report	One Day/Month	Composite	Effluent
Total Nitrogen, as N (3) (4)	Report	One Day/Month	Calculated	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
Total Recoverable Copper (µg/L) (5)	Report	One Day/Month	Grab	Effluent
Total Recoverable Zinc (µg/L) (5)	Report	One Day/Month	Grab	Effluent
Chronic Whole Effluent Toxicity (%) (6)	Report NOEC	Annually	Composite	Effluent
Effluent Testing Data (7)	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) Total phosphorus and orthophosphate must be analyzed from the same sample.

(3) Refer to Part I.C.12 TOTAL NITROGEN AND TOTAL PHOSPHORUS COMPLIANCE SCHEDULE.

(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. TOTAL RECOVERABLE COPPER, TOTAL RECOVERABLE ZINC AND TOTAL HARDNESS MONITORING.

(6) Refer to Part I.C.10. CHRONIC WHOLE EFFLUENT TOXICITY.

(7) Refer to Part I.C.12. EFFLUENT TESTING DATA (Permit Reissuance)