

FACT SHEET

Appendix B

New River WPCP
NPDES Permit No. GA0048470

Effluent Limitations Calculations:

7Q10: 0.02 cfs

Monthly Average Limits				Weekly Average Limits			
Permitted Flow (MGD):	8.0	MGD		10.0	MGD		
	Concentration	Mass Loading		Concentration	Mass Loading		
Five-Day Biochemical Oxygen Demand	10.0	mg/L	667 lb/day	15.0	mg/L	834 lb/day	
Total Suspended Solids	20	mg/L	1,334 lb/day	30	mg/L	1,668 lb/day	
Ammonia, as N (Jan - Mar)	1.5	mg/L	100 lb/day	2.3	mg/L	125 lb/day	
Ammonia, as N (Apr - May)	0.6	mg/L	40.0 lb/day	0.9	mg/L	50.0 lb/day	
Ammonia, as N (Jun - Sep)	0.3	mg/L	20.0 lb/day	0.5	mg/L	25.0 lb/day	
Ammonia, as N (Oct - Dec)	0.4	mg/L	26.7 lb/day	0.6	mg/L	33.4 lb/day	
Total Phosphorus, as P	1.0	mg/L	66.7 lb/day	1.5	mg/L	83.4 lb/day	
Total Nitrogen, as N	10.0	mg/L	667 lb/day	15.0	mg/L	834 lb/day	
Daily Maximum Limits							
Total Residual Chlorine	0.01	mg/L					

Refer to Section 4.0 of the Fact Sheet for conversion factors and equations used.