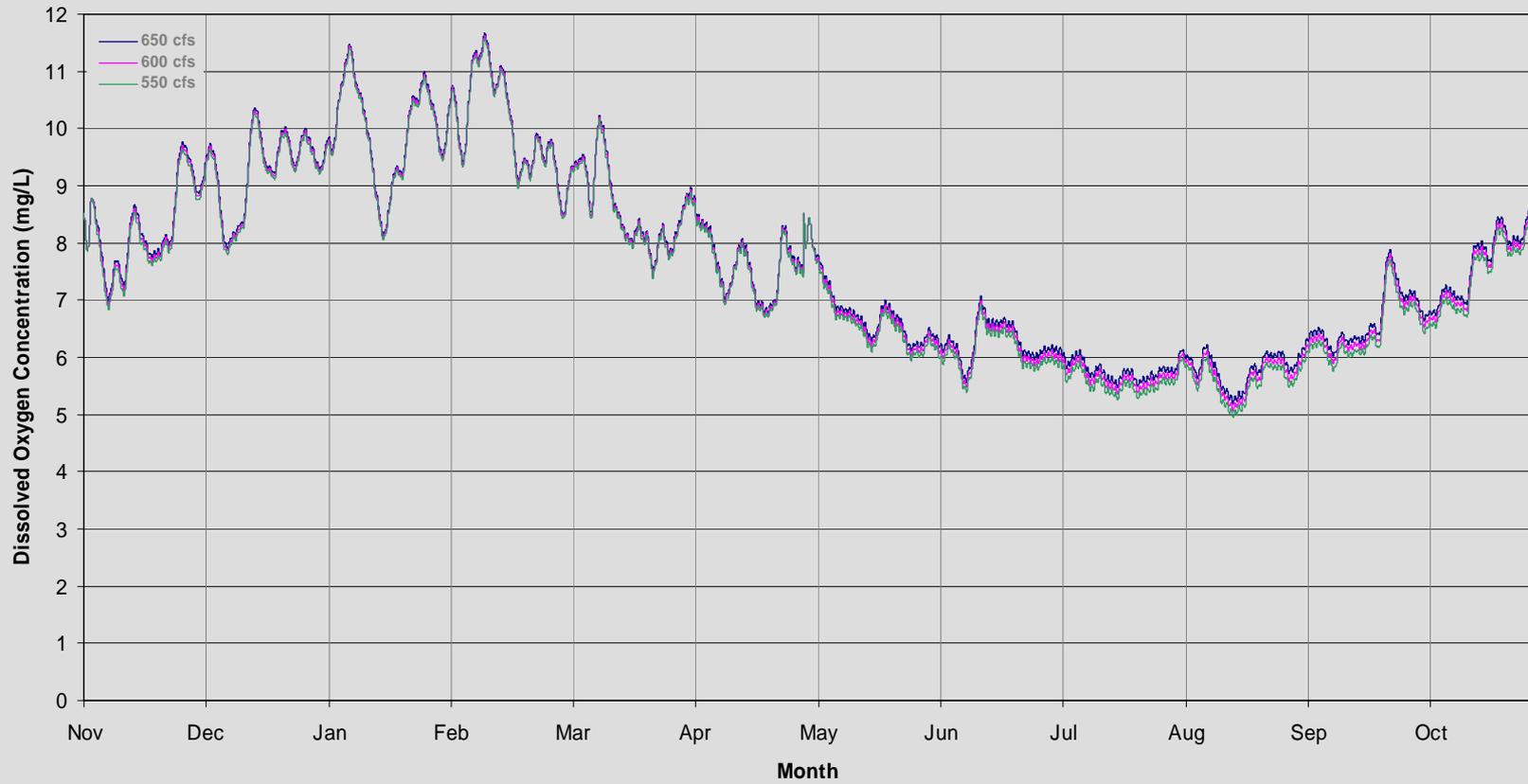
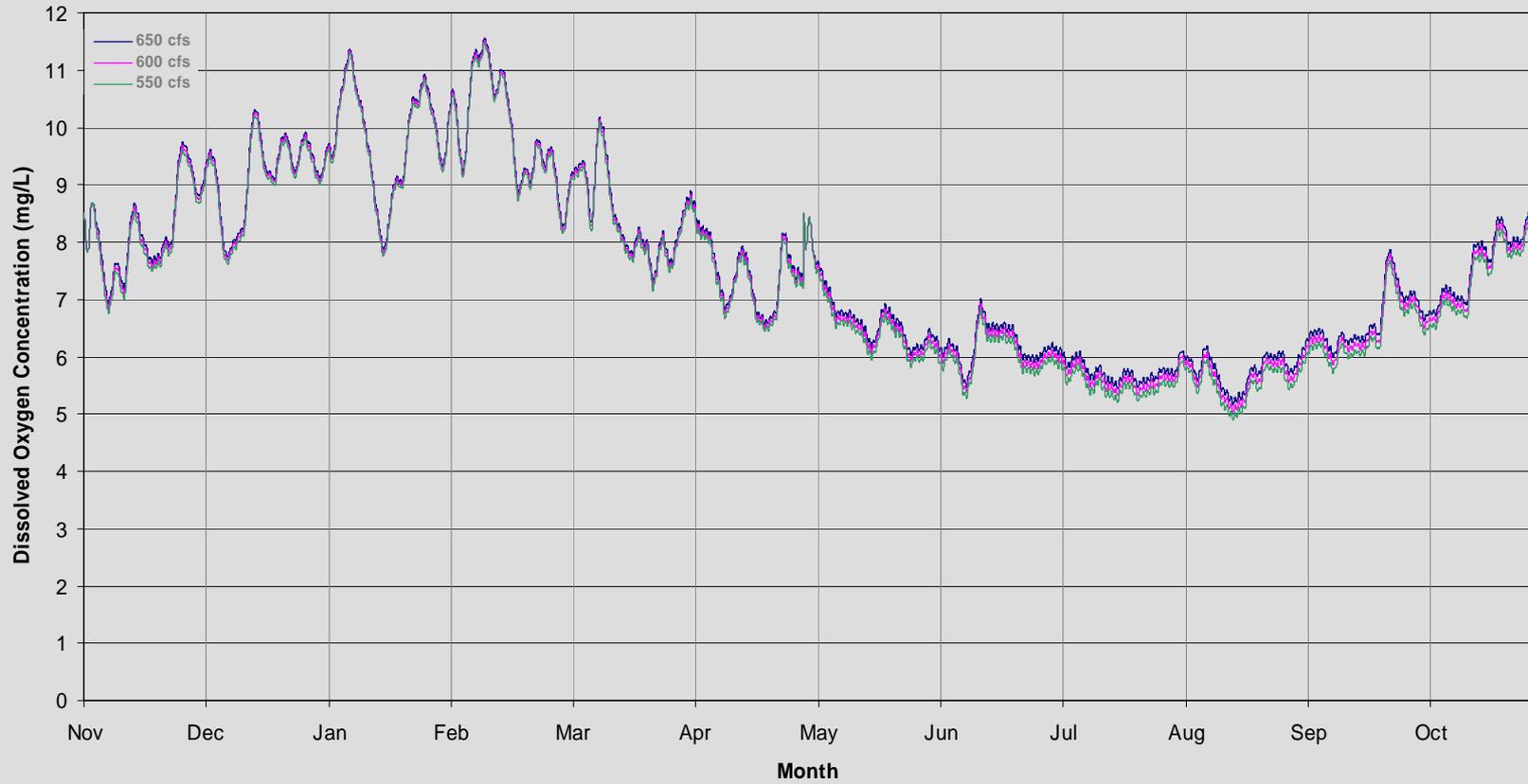


Chattahoochee River Dissolved Oxygen Concentrations  
Predicted for Varying Streamflows at Peachtree Creek  
(Concentrations shown at minimum location)  
(tributaries at estimated monthly 7Q10)

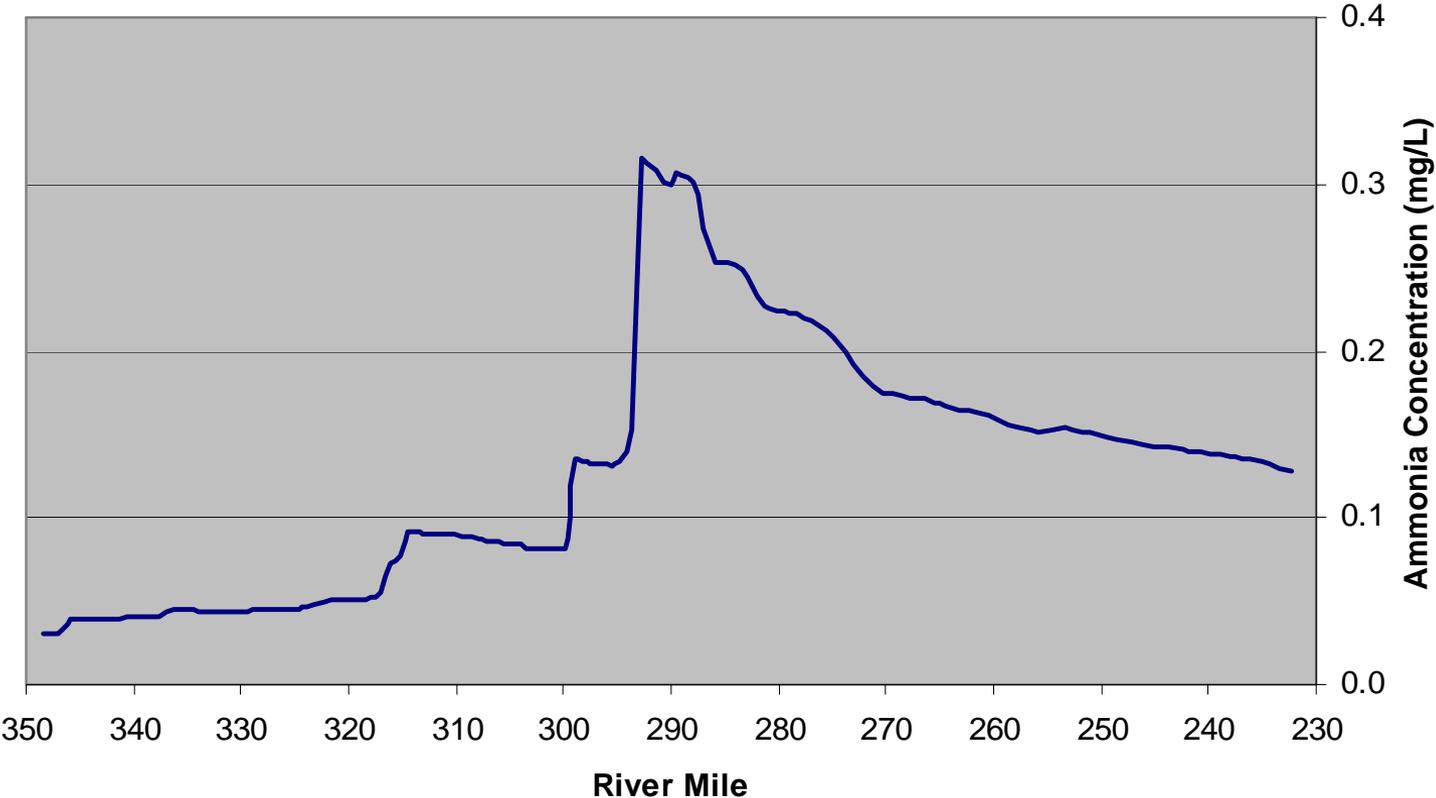


**Chattahoochee River Dissolved Oxygen Concentrations  
Predicted for Varying Streamflows at Peachtree Creek  
(Concentrations shown at minimum location)  
(tributaries at 50% of estimated monthly 7Q10)**

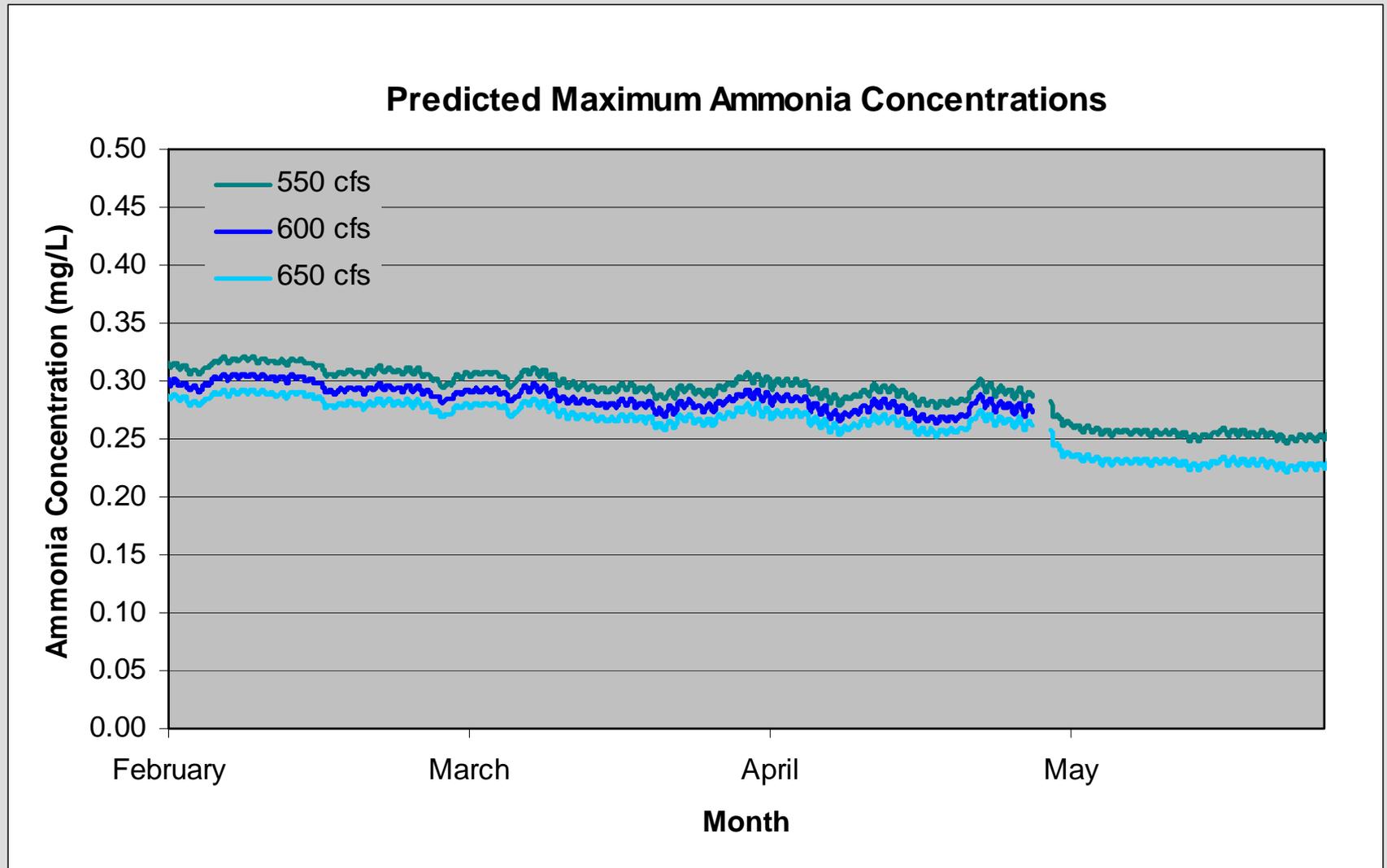


# Ammonia

Ammonia Concentration Longitudinal Profile

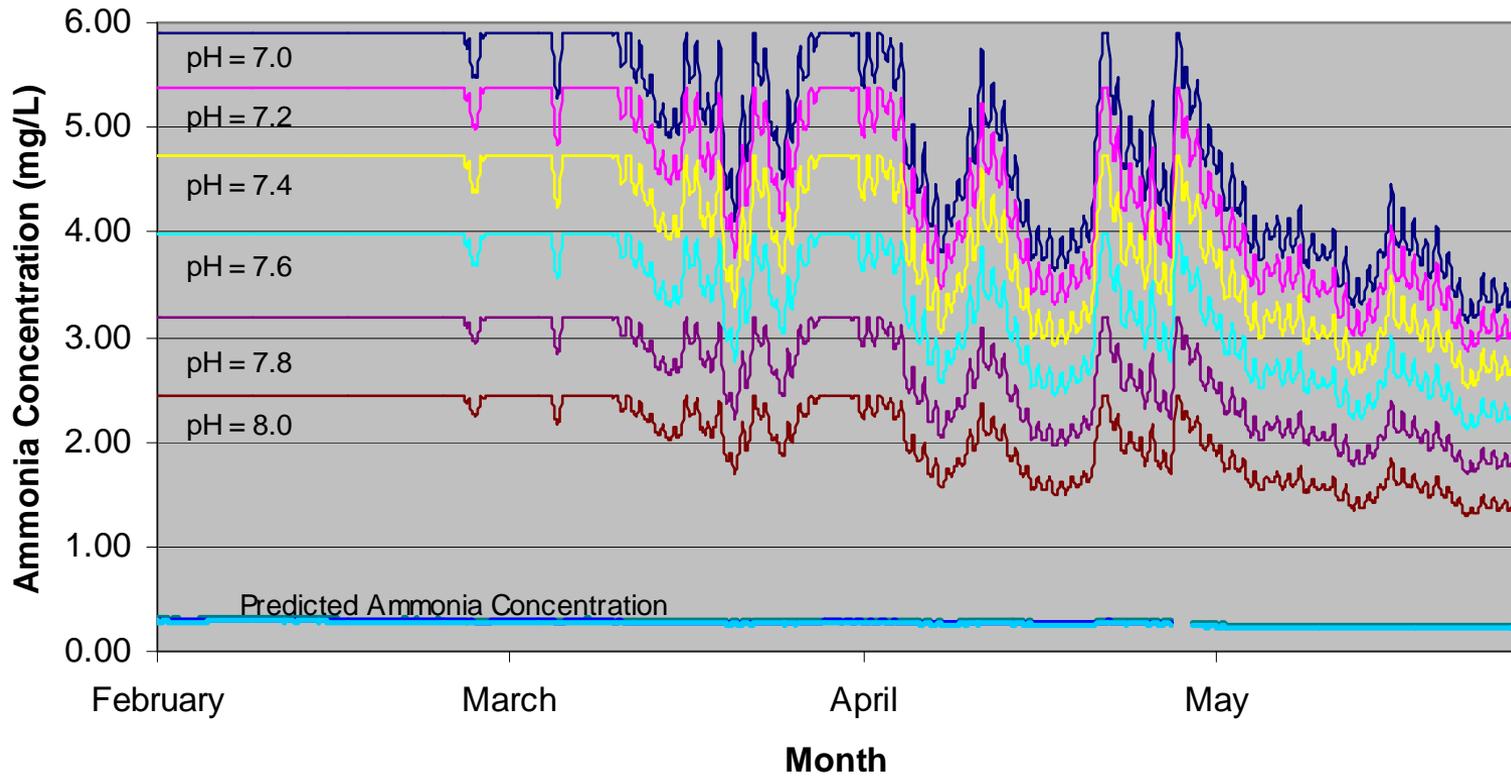


# Ammonia



# Ammonia Toxicity

**Predicted Maximum Ammonia Concentrations  
Compared To Ammonia Toxicity Concentrations At Varying pH**



# Whole Effluent Toxicity

## Toxicity Test Results

Facility	IWC (%)	Ceriodaphnia dubia Survival (NOEC%)	Ceriodaphnia dubia Reproduction (NOEC%)	Fathead Minnow (NOEC%)	Fathead Minnow Reproduction (NOEC%)
Atlanta - R.M. Clayton WPCP	17%	100	100	100	100
Atlanta - Utoy Creek WPCP	8%	100	100	100	100
Atlanta - South River WPCP	9%	100	100	100	100
Fulton County - Johns Creek WPCP	5%	100	100	100	100
Fulton County - Big Creek WPCP	6%	100	100	100	100
Fulton County - Camp Creek WPCP	5%	29	29	29	29
Gwinnett County - Crooked Creek WPCP	15%	44.8	44.8	44.8	44.8
Douglas County - Sweetwater Creek WPCP	<1%	25	N/A	100	N/A
Cobb County - R.L. Sutton WPCP	8%	30	30	30	30
Cobb County - South Cobb WPCP	7%	29.6	29.6	29.6	29.6

Chronic tests were performed if the IWC was above 1%. Therefore, all facilities except Douglas County Sweetwater performed chronic tests. None of the WET tests failed because NOEC values were greater than the IWC value.