

Table 3

Pennsylvania Department of Environmental Protection specific water quality criteria for the Susquehanna River in the vicinity of the Susquehanna Steam Electric Station, 2006.

PARAMETER	UNIT	PERIOD	CRITERIA		AVERAGE
			Minimum	Maximum	
Alkalinity as CaCO ₃	mg/L		20		
Ammonia Nitrogen	mg/L			4.56	
Chloride	mg/L			250	
Dissolved Oxygen	mg/L		4.0		
		Daily Average	5.0		
Fluoride	mg/L	Daily			2.0
Iron Total	mg/L	30-Day			1.5
Dissolved	mg/L			0.3	
Manganese	mg/L			1.0	
	ug/L			1000	
Nitrite plus Nitrate as N	mg/L			10	
pH			6.0	9.0	
Sulfate	mg/L			250	
Temperature	C	January 1-31		4.4	
		February 1-29		4.4	
		March 1-31		7.8	
		April 1-15		11.1	
		April 16-30		14.4	
		May 1-15		17.8	
		May 16-31		22.2	
		June 1-15		26.7	
		June 16-30		28.9	
		July 1-31		30.6	
		August 1-15		30.6	
		August 16-31		30.6	
		September 1-15		28.9	
		September 16-30		25.6	
		October 1-15		22.2	
		October 16-31		18.9	
		November 1-15		14.4	
		November 16-30		10.0	
		December 1-31		5.6	
Total Dissolved Solids	mg/L	Monthly		750	500