

DRBC / NPS Scenic Rivers Monitoring Program

Maintaining Water Quality in the Special Protection Waters

Program Objectives

- Establishment of Existing Water Quality (EWQ) for future comparison;
- Assessing attainment of water quality standards;
- Setting geographic and water quality priorities to maintain or improve EWQ; and
- Long-term monitoring so that DRBC can consistently perform its 305b assessment, evaluate trends, prioritize agency management activities, and assess effectiveness of strategy implementation.

Monitoring Locations (DRBC/NPS 2007) – See Map on Reverse

Monitoring Parameters

Dissolved Oxygen (mg/l)	Total Nitrogen (mg/l)
Dissolved Oxygen Percent Saturation (%)	Nitrate Nitrogen (mg/l)
Specific Conductance (umhos/cm)	Ammonia Nitrogen (mg/l)
Fecal Coliform bacteria (colonies/100 ml)	Total Kjehldahl Nitrogen (mg/l)
E. Coli bacteria (colonies/100 ml)	Total Hardness (as CaCO ₃ , mg/l)
Enterococcus bacteria (colonies/100 ml)	pH (standard units, range)
Total Suspended Solids (TSS, mg/l)	Total Chloride (mg/l)
Total Dissolved Solids (TDS, mg/l)	Turbidity (NTU)
Total Phosphorus (mg/l)	Total Alkalinity (mg/l as CaCO ₃)
Orthophosphate (mg/l)	

There are other parameters collected, and additional sites sampled, under related studies such as Tri-State, the Delaware River Biomonitoring Program, and the NPS/USGS Upper Delaware Study.

Scenic Rivers Monitoring Program Upper Delaware Control Points

