



SUSQUEHANNA RIVER BASIN COMMISSION

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For raw data, visit the web site at
www.srbc.net/pubinfo/publications/techreports.htm

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Chemung Subbasin Survey: A Water Quality and Biological Assessment, June - August 2006

The Susquehanna River Basin Commission (SRBC) conducted a water quality and biological survey of the Chemung Subbasin from June to August 2006. This survey is part of SRBC's Subbasin Survey Program, which is funded in part by the United States Environmental Protection Agency (USEPA). The Subbasin Survey Program consists of two-year assessments in each of the six major subbasins (Figure 1) on a rotating schedule. This report details the Year-1 survey, which consists of point-in-time water chemistry, macroinvertebrate, and habitat data collection and assessments of the major tributaries and areas of interest throughout the Chemung Subbasin. The Year-2 survey will be conducted in the Cohocton River Watershed over a one-year period from spring 2007 to spring 2008.

Previous SRBC surveys of the Chemung Subbasin were conducted in 1997 (Traver, 1998) and 1984 (McMorran, 1985).

Subbasin survey information is used by SRBC staff and others to:

- evaluate the chemical, biological, and habitat conditions of streams in the basin;
- identify major sources of pollution and lengths of stream impacted;
- identify high quality sections of streams that need to be protected;
- maintain a database that can be used to document changes in stream quality over time;
- review projects affecting water quality in the basin; and
- identify areas for more intensive study.



Figure 1. The Susquehanna Subbasin



Chemung River Walking Bridge in Corning, N.Y.