

**Potomac Water-Quality Monitoring Program
Quarterly Progress Report
U.S. Geological Survey**

Reporting Period July 1, 2002 – September 30, 2002

Cooperating Agencies Maryland Department of the Environment (MDE) and
U.S. Geological Survey (USGS)

Project Personnel

Brenda Feit Majedi, Project Chief, USGS

Southern Maryland:	Jon Evans, USGS
Western Maryland/WV:	Jim Jeffries, USGS; John Holt plus one, MDE
Virginia:	Rick Ahlin, USGS

Progress During Reporting Period

1. The following water-quality samples were collected during this reporting period:

Mattawoman Creek nr Pomonkey, MD (01658000)

No base-flow samples were collected during the reporting period because the stream was at zero flow. One storm sample was collected in early September and analyzed for nutrient and suspended-sediment concentrations.

A total of 22 samples were collected during water year 2002 at Mattawoman Creek.

Piscataway Creek at Piscataway, MD (01653600)

Five samples were collected and analyzed for nutrient and suspended-sediment concentrations, including one monthly base-flow and four stormflow samples. No base-flow samples were collected for the months of August and September because the stream was at zero flow.

A total of 39 samples were collected during water year 2002 at Piscataway Creek.

St. Clement Creek nr Clements, MD (01661050)

One base-flow sample was collected and analyzed in early September for nutrient and suspended-sediment concentrations; no base-flow samples were collected in July and August because the stream was at zero flow. No storm samples were collected during this reporting period.

Progress During Reporting Period (continued)

A total of 23 samples were collected during water year 2002 at St. Clements Creek.

Zekiah Swamp Run nr Newtown, MD (01660920)

No base-flow or stormflow samples were collected during this reporting period because the stream was at zero flow.

A total of 13 samples were collected during water year 2002 at Zekiah Swamp Run.

Blacks Run at Rt. 726 at Harrisonburg, VA (01621410)

Three base-flow samples were collected and analyzed for nutrient and suspended-sediment concentrations. No storm samples were collected during this reporting period.

A total of 43 samples were collected during water year 2002 at Blacks Run.

Goose Creek nr Leesburg, VA (01644000)

Three base-flow samples were collected and analyzed for nutrient and suspended-sediment concentrations. No storm samples were collected during this reporting period.

A total of 32 samples were collected during water year 2002 at Goose Creek.

Potomac River at Shepherdstown, WV (01618000)

Three base-flow samples were collected and analyzed for nutrient and suspended-sediment concentrations. No storm samples were collected during this reporting period.

A total of 24 samples were collected during water year 2002 at Shepherdstown.

Sideling Hill Creek nr Bellegrove, MD (01610155)

Three base-flow samples were collected and analyzed for nutrient and suspended-sediment concentrations. No storm samples were collected during this reporting period.

A total of 28 samples were collected during water year 2002 at Sideling Hill Creek.

Cacapon River at Great Cacapon, WV (01611500)

Three base-flow samples were collected and analyzed for nutrient and suspended-sediment concentrations. No storm samples were collected during this reporting period.

A total of 28 samples were collected during water year 2002 at Cacapon River.

2. The four Southern Maryland sites were at or near zero flow during much of reporting period.
3. Funds have been set aside to sample a major storm event in the Fall, should one occur.
4. A total of 252 water-quality samples were collected during fiscal year 2002.

Plans for Next Quarter

1. Complete the outline of the project's data report and begin report writing.
2. Collect storm samples in the event that a major storm occurs.