

RESULTS

Aquashicola Creek Watershed

Aquashicola Creek (HQ-CWF, MF)

SITE ID: AQUACR09 **MUNICIPALITY:** Eldred Township

SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 100 yards upstream of the bridge on Mountain Road, near County border.

LATITUDE: 40° 49' 45.95" **LONGITUDE:** -75° 26' 45.17"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995

Water chemistry samples for lab analysis were not collected at this site and all field chemistry parameters were within acceptable levels. A habitat score of 209 placed this site in the optimal category. The biological assessment score of 33 placed this site in the optimal category for the Northern Shale Valleys and Slopes > 10 square miles scoring scheme.

SITE ID: AQUACR10 **MUNICIPALITY:** Eldred Township

SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: At the Kunkletown Rod and Gun Club, immediately downstream of bridge on the private drive.

LATITUDE: 40° 50' 28.58" **LONGITUDE:** -75° 25' 24.34"

YEARS TESTED: 2006, 2005, 2004

Fecal coliform levels were highly elevated at this site, but all other water chemistry parameters tested at this site were within acceptable limits. The habitat score of 182 placed this site in the suboptimal-optimal category. The biological assessment score of 33 placed this site in the optimal category for the Northern Shale Valleys and Slopes, Riffle/Run >10 square miles scoring scheme.

Buckwha Creek (CWF)

SITE ID: BUCKCR01 **MUNICIPALITY:** Eldred Township

SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 200 yards downstream of stone bridge in Kunkletown.

LATITUDE: 40° 50' 50.15" **LONGITUDE:** -75° 27' 03.63"

YEARS TESTED: 2006, 2005, 1994, 1992, 1991, 1990, 1985

The habitat score of 162 placed this site in the suboptimal category. Fecal coliform levels were highly elevated at this site. The biological assessment score of 31 placed this site in the optimal category for the Northern Shale Valleys and Slopes, Riffle/Run >10 square miles scoring scheme.

Brodhead Creek Watershed

Brodhead Creek (HQ-CWF / TSF, MF)

SITE ID: BRODCR01 **MUNICIPALITY:** Barrett Township

SUBECOREGION: Low Pocono > 10 square miles

SITE LOCATION: Approximately 50 yards upstream of Brinker's Bridge, at the intersection of Route 447 and Mill Creek Road.

LATITUDE: 41° 09' 52.13" **LONGITUDE:** -75° 14' 27.35"

YEARS TESTED: 2006 - 1995, and 1985

Water chemistry samples for lab analysis were not collected at this site and all field chemistry parameters were within acceptable levels. This site had a habitat score of 181, placing it in the suboptimal-optimal category. The biological assessment score was 35, ranking in the optimal category for the Low Pocono, Riffle/Run >10 square miles scoring scheme. This site demonstrates consistent trending for macroinvertebrates.

SITE ID: BRODCR12 **MUNICIPALITY:** Stroud Township

SUBECOREGION: Low Pocono > 10 square miles

SITE LOCATION: Approximately 100 yards downstream of the bridge on Route 191, near its intersection with Route 447.

LATITUDE: 41° 02' 10.75" **LONGITUDE:** -75° 12' 35.32"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995

This site had a habitat score of 183, placing it in the suboptimal - optimal category. The biological assessment score of 31 placed this site in the optimal category for the Low Pocono, Riffle/Run >10 square miles scoring scheme. This site continues to exhibit consistent trending for macroinvertebrates.

SITE ID: BRODCR13 **MUNICIPALITY:** Smithfield Township
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Approximately 200 yards upstream of its mouth where it meets the Delaware River. DWGNRA boundary control point.
LATITUDE: 40° 59' 26.95" **LONGITUDE:** -75° 08' 06.47"
YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998

This site had a habitat score of 151, placing it in the suboptimal category. The biological assessment score of 15 placed this site in the severely impaired category for the Northern Shale Valleys and Slopes > 10 square miles scoring scheme.

SITE ID: BRODCR14 **MUNICIPALITY:** Stroud Township
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Immediately downstream of bridge at intersection of Stokes Mill Rd and Stoke Ave.
LATITUDE: 41° 0' 56.91" **LONGITUDE:** -75° 11' 56.08"
YEARS TESTED: 2006

This site had a habitat score of 169, placing it in the suboptimal category. The biological assessment score of 31 placed this site in the optimal category for the Northern Shale Valleys and Slopes > 10 square miles scoring scheme.

SITE ID: BRODCR15 **MUNICIPALITY:** Stroud Township
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Directly behind Moose Lodge (site chosen for proposed STP outfall).
LATITUDE: 41° 00' 43.25" **LONGITUDE:** -75° 11' 40.26"
YEARS TESTED: 2006

This site had a habitat score of 141, placing it in the suboptimal category. The biological assessment score of 29 placed this site in the slightly impaired category for the Northern Shale Valleys and Slopes > 10 square miles scoring scheme.

Butz Run (HQ-CWF)

SITE ID: BUTZRU01 **MUNICIPALITY:** Paradise Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 50 yards upstream of confluence with Paradise Creek.

LATITUDE: 41° 04' 41.20" **LONGITUDE:** -75° 13' 44.50"

YEARS TESTED: 2006, 2005, 2004, 2003

All parameters tested at this site were within acceptable limits. A habitat score of 150 placed this site in the suboptimal category. The biological assessment score of 23 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Cranberry Creek (Paradise Creek Watershed) (HQ-CWF)

SITE ID: CRCRPA01 **MUNICIPALITY:** Paradise Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 75 yards upstream of Browns Hill Road.

LATITUDE: 41° 06' 03.80" **LONGITUDE:** -75° 14' 58.60"

YEARS TESTED: 2006, 2005, 2004

This site contained an elevated temperature reading. A habitat score of 150 placed this site in the suboptimal category. The biological assessment score of 23 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Cranberry Creek (HQ-CWF)

SITE ID: CRCRPA03 **MUNICIPALITY:** Barrett Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 200 yards downstream of Bestway discharge.

LATITUDE: 41° 08' 51.30" **LONGITUDE:** -75° 17' 01.50"

YEARS TESTED: 2006, 2004, 2003

A habitat score of 193 placed this site in the optimal category. The biological assessment score of 27 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Cranberry Creek (HQ-CWF)

SITE ID: CRANCR01 **MUNICIPALITY:** Stroud Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Hallet Road below Penn Estates @ bridge on Griffen Property.

LATITUDE: 41° 02' 25.30" **LONGITUDE:** -75° 13' 23.38"

YEARS TESTED: 2006

A habitat score of 170 placed this site in the suboptimal category. The biological assessment score of 19 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Cherry Creek (HQ-CWF)

SITE ID: CHERCR11 **MUNICIPALITY:** Delaware Water Gap Borough

SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Over the dike at the corner of the Laird Technologies parking lot.

LATITUDE: 41° 02' 25.30" **LONGITUDE:** -75° 13' 23.38"

YEARS TESTED: 2006, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995

A habitat score of 175 placed this site in the suboptimal category. The biological assessment score of 31 placed this site in the optimal category for the Northern Shale Valleys and Slopes > 10 square miles scoring scheme.

Devils Hole Creek (EV)

SITE ID: DEHOCR04 **MUNICIPALITY:** Paradise Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 15 yards upstream of confluence with Paradise Creek.

LATITUDE: 41° 07' 54.00" **LONGITUDE:** -75° 18' 50.00"

YEARS TESTED: 2006, 2005, 2004, 2003

The fecal coliform level was above the recommended levels. A habitat score of 176 placed this site in the suboptimal category. The biological assessment score of 31 placed this site in the optimal category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Forest Hills Run (HQ-CWF)

SITE ID: FOHIRU01 **MUNICIPALITY:** Paradise Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 25 yards upstream of Lower Swiftwater Road.

LATITUDE: 41° 06' 03.10" **LONGITUDE:** -75° 16' 20.40"

YEARS TESTED: 2006, 2005, 2004, 2003, 1991, 1985

The temperature at this site was above recommended levels. A habitat score of 168 placed this site in the suboptimal category. The biological assessment score of 25 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

SITE ID: FOHIRU06 **MUNICIPALITY:** Paradise Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 75 yards upstream of stream crossing at Mt Airy Lodge parking lot.

LATITUDE: 41° 06' 46.00" **LONGITUDE:** -75° 19' 34.90"

YEARS TESTED: 2006, 2005, 2003, 1990

The fecal coliform count was above acceptable limits. A habitat score of 173 placed this site in the suboptimal category. The biological assessment score of 19 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

SITE ID: FOHIRU09 **MUNICIPALITY:** Paradise Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 25 yards downstream of Carlton Road.

LATITUDE: 41° 06' 51.00" **LONGITUDE:** -75° 18' 42.30"

YEARS TESTED: 2006, 2005, 2004, 2003

The temperature and conductivity levels at this site were again above recommended levels. A habitat score of 173 placed this site in the suboptimal category. The biological assessment score of 15 placed this site in the severely impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Marshalls Creek (HQ-CWF)

SITE ID: MARSCR08 **MUNICIPALITY:** Smithfield Township

SUBCOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 50 yards upstream of bridge on Route 209.

LATITUDE: 41° 02' 05.17" **LONGITUDE:** -75° 07' 26.94"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996

No water chemistry samples were collected for lab analysis at this site. This site had a habitat score of 175, placing it in the suboptimal category. The biological assessment score of 25 placed this site in the slightly impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

SITE ID: MARSCR09 **MUNICIPALITY:** Smithfield Township

SUBCOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 25 yards upstream of bridge on County Bridge Road.

LATITUDE: 41° 01' 32.77" **LONGITUDE:** -75° 07' 50.92"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996

No water chemistry samples were collected for lab analysis at this site. This site continues to display a temperature slightly above the recommended maximum. A habitat score of 171 placed this site in the suboptimal category. The biological assessment score of 25 placed this site in the slightly impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

Paradise Creek (HQ-CWF)

SITE ID: PARACR01 **MUNICIPALITY:** Paradise Township

SUBCOREGION: Low Pocono > 10 square miles

SITE LOCATION: Approximately 50 yards upstream of Lower Swiftwater Road.

LATITUDE: 41° 06' 07.30" **LONGITUDE:** -75° 16' 07.60"

YEARS TESTED: 2006, 2005, 2004, 2003, 1988, 1985

The temperature was elevated above the maximum levels and the habitat score of 179 placed this site in the suboptimal category. The biological assessment score of 25 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run > 10 square miles scoring scheme.

SITE ID: PARACR03 **MUNICIPALITY:** Stroud Township

SUBCOREGION: Low Pocono > 10 square miles

SITE LOCATION: Approximately 150 yards upstream of the railroad bridge on Route 191.

LATITUDE: 41° 04' 19.60" **LONGITUDE:** -75° 13' 36.40"

YEARS TESTED: 2006, 2005, 2004, 2003, 1995, 1985

There was a replicate sample taken at this site. A habitat score of 192 placed this site in the optimal category. The biological assessment score of 25/27 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run > 10 square miles scoring scheme.

SITE ID: PARACR04 **MUNICIPALITY:** Paradise Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 50 yards downstream of confluence of Tank Creek and Yankee Run.

LATITUDE: 41° 07' 43.80" **LONGITUDE:** -75° 18' 57.80"

YEARS TESTED: 2005, 2004, 2003, 1985

All parameters tested at this site were within acceptable limits. A habitat score of 193 placed this site in the optimal category. The biological assessment score of 31 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Sambo Creek (CWF, MF)

SITE ID: SAMBCR10 **MUNICIPALITY:** East Stroudsburg Borough

SUBCOREGION: Northern Shale Valleys and Slopes < 10 square miles

SITE LOCATION: Approximately 100 yards upstream of the mouth.

LATITUDE: 41° 00' 17.75" **LONGITUDE:** -75° 11' 27.43"

YEARS TESTED: 2006, 2005, 2004

A habitat score of 156 placed this site in the suboptimal category. The biological assessment score of 17 placed this site in the severely impaired category for the Northern Shale Valleys and Slopes, Riffle/Run <10 square miles scoring scheme.

Swiftwater Creek (HQ-CWF)

SITE ID: SWIFCR02 **MUNICIPALITY:** Paradise Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 25 yards downstream of its confluence with Forest Hills Run.

LATITUDE: 41° 06' 03.70" **LONGITUDE:** -75° 16' 16.70"

YEARS TESTED: 2006, 2005, 2004, 2003, 1988

Temperature was elevated this year. A habitat score of 170 placed this site in the suboptimal category. The biological assessment score of 17 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

SITE ID: SWIFCR03 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Immediately downstream of old bridge at the Swiftwater Inn (Route 611).

LATITUDE: 41° 05' 39.90" **LONGITUDE:** -75° 19' 41.70"

YEARS TESTED: 2006 -1990, 1988

All water chemistry parameters tested at this site were within acceptable limits. This site placed in the suboptimal - optimal category with a habitat score of 183. A biological assessment score of 25 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run <10 square miles scoring scheme.

SITE ID: SWIFCR05 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 200 yards downstream of sanofi pasteur property.

LATITUDE: 41° 05' 41.00" **LONGITUDE:** -75° 18' 34.10"

YEARS TESTED: 2006 -1990

All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 188 placed this site in the suboptimal category for the habitat analysis. A biological assessment score of 25 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run <10 square miles scoring scheme.

SITE ID: SWIFCR06 **MUNICIPALITY:** Paradise Township
SUBECOREGION: Low Pocono < 10 square miles
SITE LOCATION: Approximately 20 yards upstream of its confluence with Forest Hills Run.
LATITUDE: 41° 06' 06.80" **LONGITUDE:** -75° 16' 18.80"
YEARS TESTED: 2006, 2005, 2004, 2003, 1991

Temperature was elevated this year. A habitat score of 195 placed this site in the suboptimal category. The biological assessment score of 23 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run > 10 square miles scoring scheme.

SITE ID: SWIFCR07 **MUNICIPALITY:** Pocono Township
SUBECOREGION: Low Pocono < 10 square miles
SITE LOCATION: Approximately 75 yards upstream of Rt. 314.
LATITUDE: 41° 06' 02.00" **LONGITUDE:** -75° 20' 51.39"
YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001

All field parameters tested at this site were within acceptable limits. A habitat score of 192 placed this site in the optimal category. The biological assessment score of 27 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Bushkill Creek Watershed

Bushkill Creek (HQ-TSF)

SITE ID: BUSHCR07 **MUNICIPALITY:** Middle Smithfield Township
SUBECOREGION: Low Pocono > 10 square miles
SITE LOCATION: Approximately 100 yards downstream of Middle Smithfield STP discharge. DWGNRA boundary control point.
LATITUDE: 41° 05' 03.30" **LONGITUDE:** -75° 01' 20.96"
YEARS TESTED: 2006 -1991

No water chemistry samples were collected for lab analysis at this site. A habitat score of 193 placed this site in the optimal category. The biological assessment score of 29 placed this site in the optimal category for the Low Pocono, Riffle/Run >10 square miles scoring scheme.

Lehigh River Watershed

Lehigh River (HQ-CWF)

SITE ID: LEHIRI01 **MUNICIPALITY:** Coolbaugh Township

SUBECOREGION: Pocono Plateau > 10 square miles

SITE LOCATION: Above STP in Thornhurst.

LATITUDE: 41° 10' 33.26" **LONGITUDE:** -75° 35' 01.47"

YEARS TESTED: 2006

This site placed in the optimal category with a habitat score of 215. The biological assessment score of 28 placed this site in the optimal category for Pocono Plateau, Riffle/Run >10 square miles scoring scheme.

SITE ID: LEHIRI02 **MUNICIPALITY:** Coolbaugh Township

SUBECOREGION: Pocono Plateau > 10 square miles

SITE LOCATION: Below STP in Thornhurst.

LATITUDE: 41° 10' 20.99" **LONGITUDE:** -75° 35' 19.56"

YEARS TESTED: 2006

This site placed in the suboptimal-optimal category with a habitat score of 185. The biological assessment score of 26 placed this site in the optimal category for the Pocono Plateau, Riffle/Run >10 square miles scoring scheme.

McMichael Creek Watershed

Dry Sawmill Run (HQ-CWF)

SITE ID: DRSARU01 **MUNICIPALITY:** Pocono Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 1/2 mile south of Sullivan Trail at its intersection with Brookdale Road.

LATITUDE: 41° 06' 96.80" **LONGITUDE:** -75° 37' 26.30"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1997

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 199 placed this site in the optimal category. A biological assessment score of 25 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

McMichael Creek (EV / HQ-CWF / TSF)

SITE ID: MCMICR21 **MUNICIPALITY:** Stroudsburg Borough
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Approximately 30 yards downstream of its confluence with Pocono Creek.
LATITUDE: 40° 58' 47.75" **LONGITUDE:** -75° 11' 45.02"
YEARS TESTED: 2006 - 1996

The habitat score of 134 placed this site in the suboptimal category. The biological assessment score of 25 placed this site in the slightly impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

SITE ID: MCMICR28 **MUNICIPALITY:** Hamilton Township
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Adjacent to County soccer fields, upstream of Appenzell Creek.
LATITUDE: 40° 56' 50.10" **LONGITUDE:** -75° 17' 23.80"
YEARS TESTED: 2006, 2005, 2004, 2003

The temperature was elevated above the maximum levels and the fecal coliform count was above acceptable limits. The habitat score of 185 placed it in the suboptimal-optimal category. The biological assessment score of 21 placed this site in the moderately impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

SITE ID: MCMICR30 **MUNICIPALITY:** Stroudsburg Borough
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Approximately 300 yards downstream of Stroudsburg STP discharge.
LATITUDE: 40° 59' 16.63" **LONGITUDE:** -75° 11' 06.75"
YEARS TESTED: 2006, 2005, 2004

All water chemistry parameters tested at this site were within acceptable limits. The habitat score of 157 placed this site in the suboptimal-optimal category. The biological assessment score of 21 placed this site in the moderately impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

Indian Run (HQ-CWF)

SITE ID: INDIRU01 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Immediately upstream of Fairview Ave.

LATITUDE: 41° 06' 20.88" **LONGITUDE:** -75° 22' 27.05"

YEARS TESTED: 2006, 2005, 2003, 1998, 1997

No water chemistry samples were collected for lab analysis at this site. All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 200 placed this site in the optimal category. The biological assessment score of 29 placed this site in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Pocono Creek (HQ-CWF)

SITE ID: POCOCR14 **MUNICIPALITY:** Stroudsburg Borough

SUBCOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 50 yards upstream of its confluence with
McMichael Creek.

LATITUDE: 40° 58' 48.50" **LONGITUDE:** -75° 11' 46.60"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1995

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. Temperature was elevated again this year. The habitat score of 158 placed this site in the suboptimal category. The biological assessment score of 25 placed this site in the slightly impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

SITE ID: POCOCR15 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono > 10 square miles

SITE LOCATION: Approximately 25 yards upstream of the bridge on Rim Rock
Drive.

LATITUDE: 41° 00' 13.00" **LONGITUDE:** -75° 16' 48.70"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits except fecal coliform. The habitat score of 170 is within the suboptimal range of supportive habitat. This site placed in the optimal category for the Low Pocono, Riffle/Run > 10 square miles scoring scheme with a biological assessment of 31.

SITE ID: POCOCR16 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 200 yards south of Mountain View Village, approximately 10 yards downstream of its confluence with Coolmoor Creek.

LATITUDE: 41° 03' 06.00" **LONGITUDE:** -75° 20' 16.90"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 151 placed this site in the suboptimal category. This site scored a 27 in its biological assessment, which placed it in the slightly impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

SITE ID: POCOCR17 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 50 yards downstream of Sullivan Trail.

LATITUDE: 41° 03' 02.70" **LONGITUDE:** -75° 19' 15.80"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits except fecal coliform. A habitat score of 177 placed this site in the suboptimal category. This site ranked in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme with a biological assessment score of 19.

SITE ID: POCOCR18 **MUNICIPALITY:** Stroud Township

SUBCOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 50 yards downstream of Shafers School House Road.

LATITUDE: 40° 59' 27.60" **LONGITUDE:** -75° 15' 19.10"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits except fecal coliform. This site placed in the suboptimal category for habitat with a score of 175. The biological assessment score of 25 placed this site in the slightly impaired category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

SITE ID: POCOCR19 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono > 10 square miles

SITE LOCATION: At the Crossings Factory Stores overflow parking area.

LATITUDE: 41° 03' 00.80" **LONGITUDE:** -75° 18' 49.70"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 144 placed this site in the suboptimal category. The biological assessment score of 31 placed this site in the optimal category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

SITE ID: POCOCR20 **MUNICIPALITY:** Pocono Township

SUBCOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 15 yards downstream of its confluence with Wolf Swamp Run.

LATITUDE: 41° 03' 34.90" **LONGITUDE:** -75° 22' 11.80"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 199 placed this site in the optimal category. The biological assessment score of 27 indicates slight impairment for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

SITE ID: POCOCR22 **MUNICIPALITY:** Stroud Township

SUBCOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: Approximately 1 mile downstream of Shafers School House Road at Kirkwood Camp.

LATITUDE: 40° 59' 03.32" **LONGITUDE:** -75° 14' 59.45"

YEARS TESTED: 2006, 2005, 2004

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. This site was the only site to be tested for heavy metals this year. All water chemistry parameters tested at this site were within acceptable limits, except fecal coliform. The habitat score of 187 placed this site in the suboptimal category. The biological assessment score of 31 placed this site in the optimal category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

Scotrun Creek (HQ-CWF)

SITE ID: SCOTCR04 **MUNICIPALITY:** Pocono Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: Approximately 100 yards upstream of bridge at the Crossings
Factory Stores overflow parking area.

LATITUDE: 41° 04' 05.30" **LONGITUDE:** -75° 19' 10.20"

YEARS TESTED: 2005, 2004, 2003

This site is being tested as part of the Pocono Creek Sustainable Watershed Management Project. All water chemistry parameters tested at this site were within acceptable limits except fecal coliform. The habitat score of 150 indicates a suboptimal habitat (riparian impacts and lack of instream cover). The biological assessment score of 17/23 placed this site in the moderately impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Pohopoco Creek Watershed

Jonas Creek (CWF)

SITE ID: JONASCR01 **MUNICIPALITY:** Polk Township

SUBECOREGION: Low Pocono < 10 square miles

SITE LOCATION: South of Dotters Corner Road immediately upstream of bridge.

LATITUDE: 40° 58' 01.16" **LONGITUDE:** -75° 30' 48.20"

YEARS TESTED: 2006

All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 191 placed this site in the optimal category. The biological assessment score of 29 indicates slight impairment for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Pohopoco Creek (CWF)

SITE ID: POHOCR06 **MUNICIPALITY:** Polk Township

SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles

SITE LOCATION: At Berger Road (where stream bends to the west near the road) at
the County line.

LATITUDE: 40° 53' 58.09" **LONGITUDE:** -75° 30' 24.70"

YEARS TESTED: 2006 - 1995

The habitat score of 196 placed this site in the optimal category. The biological assessment score of 31 placed this site in the optimal category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme.

SITE ID: POHOCR08 **MUNICIPALITY:** Chestnuthill Township
SUBECOREGION: Northern Shale Valleys and Slopes > 10 square miles
SITE LOCATION: Upstream of 209 bridge at Beechwood Inn.
LATITUDE: 40° 54' 56.74" **LONGITUDE:** -75° 26' 09.29"
YEARS TESTED: 2006

The habitat score of 149 placed this site in the suboptimal category. The biological assessment score of 31 placed this site in the optimal category for the Northern Shale Valleys and Slopes, Riffle/Run > 10 square miles scoring scheme. The fecal coliform levels at this site were extremely elevated.

Weir Creek (CWF)

SITE ID: WEIRCR02 **MUNICIPALITY:** Chestnuthill Township
SUBECOREGION: Northern Shale Valleys and Slopes < 10 square miles
SITE LOCATION: Approximately 25 yards upstream of County Park Rd.
LATITUDE: 40° 54' 29.40" **LONGITUDE:** -75° 25' 50.20"
YEARS TESTED: 2005, 2001, 2000

The fecal coliform level was elevated. A habitat score of 170 placed this site in the optimal category. The biological assessment score was 21, which ranks in the moderately impaired category for the Northern Shale Valleys and Slopes, Riffle/Run < 10square miles scoring scheme.

Tobyhanna Creek Watershed

Tobyhanna Creek (HQ-CWF)

SITE ID: TOBYCR01 **MUNICIPALITY:** Coolbaugh Township
SUBECOREGION: Pocono Plateau > 10 square miles
SITE LOCATION: Approximately 75 yards downstream of S.R. 423 bridge at east boundary of Warnertown and State Game Lands.
LATITUDE: 41° 09' 43.52" **LONGITUDE:** -75° 27' 23.58"
YEARS TESTED: 2006, 2005, 1998

Temperature was elevated at this site. A habitat score of 177 placed this site in the suboptimal category. The biological assessment score of 24 placed this site in the slightly impaired category for the Pocono Plateau, Riffle/Run >10 square miles scoring scheme.

SITE ID: TOBYCR14 **MUNICIPALITY:** Tobyhanna Township

SUBECOREGION: Pocono Plateau > 10 square miles

SITE LOCATION: Immediately upstream of the Route 115 bridge, downstream of the STP.

LATITUDE: 41° 04' 57.61" **LONGITUDE:** -75° 35' 00.85"

YEARS TESTED: 2005, 1998

A habitat score of 177 placed this site in the suboptimal category. The biological assessment score of 24 placed this site in the slightly impaired category for the Pocono Plateau, Riffle/Run >10 square miles scoring scheme.

Hawkey Run

SITE ID: HAWKRU02 **MUNICIPALITY:** Coolbaugh Township

SUBECOREGION: Pocono Plateau < 10 square miles

SITE LOCATION: Approximately 250 yards west of Rte. 380 & 100 yards NE of Stillwater Lake.

LATITUDE: 41° 07' 39.52" **LONGITUDE:** -75° 24' 06.01"

YEARS TESTED: 2006

This stream is not yet classified in Title 25 of the Pennsylvania code, but is a tributary to Upper Tunkhannock Creek which is classified HQ-CWF.

All water chemistry parameters tested at this site were within acceptable limits. A habitat score of 203 placed this site in the optimal category. The biological assessment score of 14 placed this site in the severely impaired category for the Low Pocono, Riffle/Run < 10 square miles scoring scheme.

Red Run (HQ-CWF)

SITE ID: REDRU03 **MUNICIPALITY:** Coolbaugh Township

SUBECOREGION: Pocono Plateau < 10 square miles

SITE LOCATION: Approximately 100 yards upstream of Industrial Park Drive.

LATITUDE: 41° 07' 44.61" **LONGITUDE:** -75° 22' 41.84"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002

All field chemistry parameters tested at this site were within acceptable limits. The habitat score of 166 placed this site in the suboptimal category. The biological assessment score of 22 placed this site in the slightly impaired category for the Pocono Plateau, Riffle/Run < 10 square miles scoring scheme.

Trout Creek (HQ-CWF)

SITE ID: TROUCR03 **MUNICIPALITY:** Tobyhanna Township

SUBECOREGION: Pocono Plateau > 10 square miles

SITE LOCATION: ½ mile downstream of Arrowhead Lake Dam.

LATITUDE: 41° 09' 11.15" **LONGITUDE:** -75° 34' 59.09"

YEARS TESTED: 2006

Temperature was elevated at this site. A habitat score of 189 placed this site in the suboptimal category. The biological assessment score of 18 placed this site in the slightly impaired category for the Pocono Plateau, Riffle/Run >10 square miles scoring scheme.

Tunkhannock Creek (HQ-CWF)

SITE ID: TUNKCR03 **MUNICIPALITY:** Tunkhannock Township

SUBECOREGION: Pocono Plateau > 10 square miles

SITE LOCATION: Approximately 100 yards upstream of Route 115 bridge, near its intersection with Rte 903.

LATITUDE: 41° 03' 30.20" **LONGITUDE:** -75° 33' 13.07"

YEARS TESTED: 2006 - 1993

Water chemistry samples for lab analysis were not collected at this site and all field chemistry parameters were within acceptable levels. This site placed in the optimal category with a habitat score of 200. The biological assessment score of 28 placed this site in the optimal category for the Pocono Plateau, Riffle/Run >10 square miles scoring scheme.

SITE ID: TUNKCR06 **MUNICIPALITY:** Tunkhannock Township

SUBECOREGION: Pocono Plateau Glide/Pool

SITE LOCATION: Approximately 1/2 mile upstream of the stone bridge on Hypsy Gap Road.

LATITUDE: 41° 02' 11.47" **LONGITUDE:** -75° 26' 18.89"

YEARS TESTED: 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995

Due to the nature of this site (a slow moving, meandering, wetland stream) flow readings are not taken. Water chemistry samples for lab analysis were not collected at this site. The habitat score of 211 placed this site in the optimal category. The biological assessment score of 24 placed this site in the slightly impaired category for the Pocono Plateau Glide/Pool scoring scheme.