



## Charlotte Creek Watershed (0205010104)

### Water Index Number

SR-183  
 SR-183  
 SR-183  
 SR-183- 7-P303  
 SR-183- 8  
 SR-183-15-P310  
 SR-183-17-P311  
 SR-183-19  
 SR-183-19- 8  
 SR-183-19-11-P320  
 SR-183-23-P327  
 SR-183-P335

### Waterbody Segment

Charlotte Creek, Lower, and tribs (0601-0014)  
 Charlotte Creek, Middle, and minor tribs (0601-0167)  
 Charlotte Creek, Upper, and tribs (0601-0193)  
 Pine Lake (0601-0099)  
 Kortright Creek and tribs (0601-0060)  
 Beaver Spring Pond (0601-0100)  
 Sexsmith Lake (0601-0101)  
 Middle Brook and minor tribs (0601-0061)  
 Center Brook and tribs (0601-0168)  
 Titus Lake (0601-0102)  
 Clapper Lake (0601-0103)  
 Fox Vly (0601-0104)

### Category

NoKnownImpct  
 NoKnownImpct  
 UnAssessed  
 UnAssessed  
 NoKnownImpct  
 UnAssessed  
 NoKnownImpct  
 NoKnownImpct  
 UnAssessed  
 UnAssessed  
 UnAssessed  
 UnAssessed

# Charlotte Creek, Lower, and tribs ( 0601-0014)

NoKnownImpct

## Waterbody Location Information

Revised: 06/26/2009

**Water Index No:** SR-183  
**Hydro Unit Code:** 02050101/060      **Str Class:** C(T)  
**Waterbody Type:** River (Med. Flow)      **Reg/County:** 4/Delaware Co. (13)  
**Waterbody Size:** 33.6 Miles      **Quad Map:** CHARLOTTEVILLE (K-22-4)  
**Seg Description:** stream and tribs, from mouth to Davenport Center

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 8 (No Known Use Impairment)  
**Verification Status:** (Not Applicable for Selected RESOLVABILITY)  
**Lead Agency/Office:** n/a      **Resolution Potential:** n/a  
**TMDL/303d Status:** n/a

## Further Details

### Water Quality Sampling

A biological (macroinvertebrate) assessment of Charlotte Creek in West Davenport (at Hollow Road) was conducted as part of the RIBS biological screening effort in 2003. Sampling results indicated slightly impacted conditions, but close to the range of non-impacted. In such samples the community is slightly altered from natural conditions. Some sensitive species are not present and the overall abundance of macroinvertebrates is lower. However, the effects on the fauna appear to be relatively insignificant and water quality is considered to be good. The nutrient biotic index and impact source determination indicate low enrichment in the stream and fauna that is most similar to communities influenced by nonpoint sources. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. These results are somewhat lower yet fairly consistent with field assessment results from sampling conducted at this site in 1997. (DEC/DOW, BWAM/SBU, January 2009)

### Segment Description

This segment includes the portion of the stream and all tribs from the mouth to Kortright Creek (-8) in Davenport Center. The waters of this portion of the stream are Class C(T). Tribs to this reach/segment, including Presser Hollow Creek (-2) and Pumpkin Hollow Creek (-6), are Class C,C(T),C(TS). Kortright Creek (-8) and Middle/Upper Charlotte Creek are listed separately.

# Charlotte Creek, Middle, and minor tribs ( 0601-0167) NoKnownImpet

## Waterbody Location Information

Revised: 06/26/2009

**Water Index No:** SR-183  
**Hydro Unit Code:** 02050101/060      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 76.1 Miles  
**Seg Description:** stream and selected tribs, Davenport Ctr to S.Worcester

**Drain Basin:** Susquehanna River  
**Reg/County:** 4/Delaware Co. (13) ...  
**Quad Map:** ()

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 8 (No Known Use Impairment)  
**Verification Status:** (Not Applicable for Selected RESOLVABILITY)  
**Lead Agency/Office:** n/a      **Resolution Potential:** n/a  
**TMDL/303d Status:** n/a

## Further Details

### Water Quality Sampling

A biological (macroinvertebrate) assessment of Charlotte Creek below this reach in West Davenport (at Hollow Road) was conducted as part of the RIBS biological screening effort in 2003. Sampling results indicated slightly impacted conditions, but close to the range of non-impacted. In such samples the community is slightly altered from natural conditions. Some sensitive species are not present and the overall abundance of macroinvertebrates is lower. However, the effects on the fauna appear to be relatively insignificant and water quality is considered to be good. The nutrient biotic index and impact source determination indicate low enrichment in the stream and fauna that is most similar to communities influenced by nonpoint sources. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. These results are somewhat lower yet fairly consistent with field assessment results from sampling conducted at this site in 1997. Though this sampling point is just below the described segment, it is considered representative of water quality in the upper reach. This segment is listed as being evaluated rather than monitored. (DEC/DOW, BWAM/SBU, January 2009)

### Segment Description

This segment includes the portion of the stream and selected/smaller tribs from Kortright Creek (-8) in Davenport Center to/including Center Valley Creek (-26) near South Worcester. The waters of this portion of the stream are Class

C(T),C(TS). Tribs to this reach/segment, including Crawford Brook (-10), Dona Brook (-12), Negro Brook (-16) and Center Valley Creek (-26), are Class C,C(T),C(TS). Kortright Creek (-8), Middle Brook (-19) and Lower/Upper Charlotte Creek are listed separately.

# Kortright Creek and tribs ( 0601-0060)

NoKnownImpct

## Waterbody Location Information

Revised: 07/19/2000

**Water Index No:** SR-183- 8  
**Hydro Unit Code:** 02050101/060      **Str Class:** C(TS)  
**Waterbody Type:** River  
**Waterbody Size:** 40.7 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Susquehanna River  
Upper Susquehanna  
**Reg/County:** 4/Delaware Co. (13)  
**Quad Map:** WEST DAVENPORT (L-21-1) ...

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 8 (No Known Use Impairment)  
**Verification Status:** (Not Applicable for Selected RESOLVABILITY)  
**Lead Agency/Office:** n/a      **Resolution Potential:** n/a  
**TMDL/303d Status:** n/a

## Further Details

### Water Quality Sampling

A biological (macroinvertebrate) assessment of Kortright Creek in East Meredith (at Route 10) was conducted as part of the RIBS biological screening effort in 2003. Sampling results indicated non-impacted conditions. Such samples are dominated by clean-water species and conditions that reflect a natural community with minimal, if any, human impacts. Aquatic life community is clearly fully supported. These results are consistent with sampling conducted at the same site in 1998. (DEC/DOW, BWAM/SBU, January 2009)

### Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C,C(TS). Tribs to this reach/segment, including Mine Brook (-4), are Class C,C(T),C(TS).

# Sexsmith Lake ( 0601-0101)

NoKnownImpct

## Waterbody Location Information

Revised: 09/15/2009

<b>Water Index No:</b>	SR-183-17-P311	<b>Drain Basin:</b>	Susquehanna River
<b>Hydro Unit Code:</b>	02050101/060	<b>Str Class:</b>	B
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	4/Delaware Co. (13)
<b>Waterbody Size:</b>	31.6 Acres	<b>Quad Map:</b>	DAVENPORT (L-21-2)
<b>Seg Description:</b>	entire lake		

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

<b>Issue Resolvability:</b>	8 (No Known Use Impairment)	
<b>Verification Status:</b>	(Not Applicable for Selected RESOLVABILITY)	
<b>Lead Agency/Office:</b>	n/a	<b>Resolution Potential:</b> n/a
<b>TMDL/303d Status:</b>	n/a	

## Further Details

### Water Quality Sampling

Sexsmith Lake was sampled as part of the NYSDEC Lake Classification and Inventory (LCI) screening effort in 2008. Nutrient, chlorophyll a and clarity measurements taken at that time revealed no significant eutrophication of the lake and algal growth did not appear to impact recreational uses. Measurement of dissolved oxygen did not indicate any D.O. depletion that would affect the fishery or other aquatic resources. (DEC/DOW, BWAM/LCI, September 2009)

# Middle Brook and minor tribs ( 0601-0061)

NoKnownImpet

## Waterbody Location Information

Revised: 07/19/2000

<b>Water Index No:</b>	SR-183-19	<b>Drain Basin:</b>	Susquehanna River
<b>Hydro Unit Code:</b>	02050101/060	<b>Str Class:</b>	C(T)
<b>Waterbody Type:</b>	River (Low Flow)	<b>Reg/County:</b>	4/Delaware Co. (13) ...
<b>Waterbody Size:</b>	43.1 Miles	<b>Quad Map:</b>	DAVENPORT (L-21-2) ...
<b>Seg Description:</b>	entire stream and selected tribs		

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

<b>Issue Resolvability:</b>	8 (No Known Use Impairment)	
<b>Verification Status:</b>	(Not Applicable for Selected RESOLVABILITY)	
<b>Lead Agency/Office:</b>	n/a	<b>Resolution Potential:</b> n/a
<b>TMDL/303d Status:</b>	n/a	

## Further Details

### Water Quality Sampling

Biological (macroinvertebrate) sampling of Middle Brook near Butts Corners (at Route 23) indicated non-impacted water quality conditions. The sample was diverse, well-balanced and satisfied screening criteria. (DEC/DOW, BWAR/SBU, January 1999)

### Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C(T),C(TS). Tribs to this reach/segment, including Tedle Brook (-6), are Class C,C(T),C(TS). Center Brook (-8) is listed separately.