



Canaseraga Creek Watershed (0413000209)

Water Index Number	Waterbody Segment	Category
Ont 117- 66	Canaseraga Creek, Lower, and minor tribs (0404-0001)	Minor Impacts
Ont 117- 66	Canaseraga Creek, Middle, and minor trib (0404-0013)	No Known Impacts
Ont 117- 66	Canaseraga Creek, Upper, and tribs (0404-0002)	No Known Impacts
Ont 117- 66- 1,-1-1	Tuscarora, Buck Run Creeks and tribs (0404-0014)	Unassessed
Ont 117- 66- 3	Keshequa Creek, Lower, and tribs (0404-0010)	Needs Verification
Ont 117- 66- 3	Keshequa Creek, Middle, and tribs (0404-0015)	Needs Verification
Ont 117- 66- 3	Keshequa Creek, Upper, and tribs (0404-0016)	Needs Verification
Ont 117- 66- 3- 7	Wildcat Gully Creek and tribs (0404-0017)	Unassessed
Ont 117- 66- 3-25	Newville Creek and tribs (0404-0018)	Unassessed
Ont 117- 66- 3-25-3	Dunns Brook and tribs (0404-0028)	Unassessed
Ont 117- 66- 3-25-P84a	Nunda Reservoir (0404-0030)	Threatened
Ont 117- 66- 8	State/West Ditch and minor tribs (0404-0019)	Unassessed
Ont 117- 66- 8- 2	Bradner Creek and tribs (0404-0020)	Needs Verification
Ont 117- 66- 8- 3	Two Mile Creek and tribs (0404-0021)	Unassessed
Ont 117- 66-17a	Patterson Gully Creek and tribs (0404-0022)	Unassessed
Ont 117- 66-18	Mud Creek and tribs (0404-0023)	Needs Verification

Canaseraga Creek Watershed (con't)

Water Index Number	Waterbody Segment	Category
Ont 117- 66-22	Mill Creek and minor tribs (0404-0011)	Needs Verification
Ont 117- 66-22- 1	Little Mill Creek and tribs (0404-0024)	No Known Impacts
Ont 117- 66-22-12-P79*	Loon Lake (0404-0039)	No Known Impacts
Ont 117- 66-25	Stony Brook, Lower, and tribs (0404-0025)	No Known Impacts
Ont 117- 66-25	Stony Brook, Upper, and tribs (0404-0029)	No Known Impacts
Ont 117- 66-28	Sugar Creek and tribs (0404-0026)	No Known Impacts
Ont 117- 66-31	Slader Creek and tribs (0404-0027)	Unassessed

Canaseraga Creek, Lower, and minor tribs (0404-0001) Minor Impacts

Waterbody Location Information

Revised: 7/9/2015

Water Index No:	Ont 117- 66	Water Class:	C
Hydro Unit Code:	Canaseraga Creek (0413000209)	Drainage Basin:	Genesee River
Water Type/Size:	River/Stream 94.8 Miles	Reg/County:	8/Livingston (26)
Description:	stream and smaller tribs from mouth to Dansville		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Suspected
Aquatic Life	Stressed	Suspected
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known:	---
Suspected:	Silt/Sediment
Unconfirmed:	Nutrients

Source(s) of Pollutant(s)

Known:	Agriculture, Streambank Erosion
Suspected:	---
Unconfirmed:	---

Management Information

Management Status:	Verification of Problem Severity Needed
Lead Agency/Office:	DOW/BWAM
IR/305(b) Code:	Water Attaining All Standards (IR Category 1)

Further Details

Overview

This portion of Canaseraga Creek is assessed as having minor impacts due to aquatic life that are thought to be stressed by unspecified pollutants. One of three most recently sampled sites in the reach was found to be have a biological community that was slightly impacted, while the other two sites exhibited non-impacted conditions. No specific pollutant or sources have been identified, but land use suggests nonpoint source contributions.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life is evaluated as supported but stressed based on biological sampling at one location that shows slight impacts; other locations were non-impacted. This sampling can also be used to infer that there are only minor impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional sampling is needed to more fully evaluate other recreational uses. Habitat/hydrology conditions reflect minimal human disturbances and do not appear to limit or otherwise influence aquatic life. (DEC, DOW, BWAM, July 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

Biological (macroinvertebrate) assessments of Canaseraga Creek in Sonyea (Pioneer Road) were conducted in 2014 and 2009 and of in Mount Morris (at Route 408) and Cumminsville (at Route 36) in 2009 as part of the RIBS biological screening effort. Sampling results at the most downstream site (Mount Morris) reflect fair to good water quality, with macroinvertebrate communities altered from what is expected under natural conditions. Some expected sensitive species are not present and overall macroinvertebrate species richness is lower than expected. Some changes in community composition have occurred due to replacement of sensitive ubiquitous taxa by more tolerant taxa, but overall there is still balanced distribution of all expected taxa. In spite of these minor impacts, aquatic life is considered to be supported. Sampling results at the other two sites found non-impacted conditions and very good water quality. Such samples are dominated by clean-water species and are most similar to a natural community with minimal human impacts. Sampling of an unnamed trib (-17) to Canaseraga Creek in Scottsburg (at Barber Hill Road) was sampled in 2014 and found to have slightly impacted condition that approach non-impacted. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. Identification of sources based on biological community composition was inconclusive.

Management Actions

No specific management actions have been identified for the waterbody. Given the generally low level of impact, local stakeholders (SWCD/WQCC) – with input from Regional DOW staff – would be appropriate to oversee management activity.

Section 303(d) Listing

Lower Canaseraga Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There appear to be no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and selected/smaller tribs from the mouth to Mud Creek (-18) near Dansville. The waters of this portion of the stream are Class C. Tribs included in this segment are also Class C. An unnamed trib (-c) in Mount Morris, Tuscarora/Buck Run Creek (-1), Keshequa Creek (-3), State/West Ditch (-8), and Patterson Gully Creek (-17a) are listed separately.

Canaseraga Creek, Middle, and mnr trib (0404-0013) No Known Impacts

Waterbody Location Information

Revised: 10/9/2015

Water Index No:	Ont 117- 66	Water Class:	C
Hydro Unit Code:	Canaseraga Creek (0413000209)	Drainage Basin:	Genesee River
Water Type/Size:	River/Stream 39 Miles	Reg/County:	8/Steuben (51)
Description:	stream and smaller tribs from Dansville to Canaseraga		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Fully Supported	Suspected
Aquatic Life	Fully Supported	Known
Fish Consumption	Fully Supported	Unconfirmed
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: - - -
Suspected: - - -
Unconfirmed: - - -

Source(s) of Pollutant(s)

Known: - - -
Suspected: - - -
Unconfirmed: - - -

Management Information

Management Status: No Action Needed
Lead Agency/Office: ext/WQCC
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

This portion of Canaseraga Creek is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life is considered to be fully supported based on biological sampling that shows non-impacted conditions. This sampling can also be used to infer that there are no significant impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Habitat/hydrology conditions reflect minimal human disturbances that do not appear to limit or otherwise influence aquatic life. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-

specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Canaseraga Creek in Cumminsville (at Route 36), just below this segment, was conducted as part of the RIBS biological screening effort in 2009. Sampling results indicated non-impacted conditions and very good water quality. Such samples are dominated by clean-water species and are most similar to a natural community with minimal human impacts. Aquatic life community is fully supported. This site is downstream of the specific waterbody segment, but is considered to be representative of upstream conditions. Sampling results at a site upstream of this reach was also found to be non-impacted; see Upper Canaseraga Creek. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Biological results suggest natural conditions with minimal human disturbance.

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. Given the generally low level of impact, local stakeholders (SWCD/WQCC) – with input from Regional DOW staff – would be appropriate to oversee management activity.

Section 303(d) Listing

Middle Canaseraga Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and selected/smaller tribs from Mud Creek (-18) near Dansville to Slader Creek (-31) in Canaseraga. The waters of this portion of the stream are Class C,C(T),C(TS). Tribs included in this segment are primarily Class C; with some waters designated Class C(T). Mill Creek (-22), Stony Brook (-25) and Sugar Creek (-28) are listed separately.

Canaseraga Creek, Upper, and tribs (0404-0002)

No Known Impacts

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 99.6 Miles
Description: stream and tribs above Canaseraga

Water Class: C
Drainage Basin: Genesee River
Reg/County: 9/Allegany (2)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Fully Supported	Suspected
Aquatic Life	Fully Supported	Known
Fish Consumption	Fully Supported	Unconfirmed
Conditions Evaluated		
Habitat/Hydrology	Good	
Aesthetics	Good	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)
Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: No Action Needed
Lead Agency/Office: ext/WQCC
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

This portion of Canaseraga Creek is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life is considered to be fully supported based on biological sampling that shows non-impacted conditions. This sampling can also be used to infer that there are no significant impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Habitat/hydrology conditions reflect minimal human disturbances that do not appear to limit or otherwise influence aquatic life. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-

specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Canaseraga Creek in Grove was conducted as part of the RIBS biological screening effort in 2009. Sampling results indicated non-impacted conditions and very good water quality. Such samples are dominated by clean-water species and are most similar to a natural community with minimal human impacts. Aquatic life community is fully supported. Sampling was also conducted on an unnamed trib (-41) to Canaseraga Creek in Grove (at English Hill Road) that also found non-impacted conditions. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Biological results suggest natural conditions with minimal human disturbance.

Failing and/or inadequate on-site septic systems had previously been identified in the Village of Canaseraga but impacts to the stream are not evident. At the time a community sewer system and wastewater treatment plant were being considered for the village. (Allegany County WQCC, April 2001)

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. Given the generally low level of impact, local stakeholders (SWCD/WQCC) – with input from Regional DOW staff – would be appropriate to oversee management activity.

Section 303(d) Listing

Upper Canaseraga Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and all tribs above Slader Creek (-31) in Canaseraga. The waters of this portion of the stream are Class C, C(T), C(TS). Tribs included in this segment, including Bennett Creek (-32), Hovey Brook (-41) and Ewart Creek (-42), are primarily Class C; Hovey Brook is Class C(T).

Tuscarora, Buck Run Creeks and tribs (0404-0014)

Unassessed

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66- 1,-1-1
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 43.6 Miles
Description: entire streams and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s)

(CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known:	---
Suspected:	---
Unconfirmed:	---

Source(s) of Pollutant(s)

Known:	---
Suspected:	---
Unconfirmed:	---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody. A previous assessment cited potential impacts that needed verification.

Use Assessment

Tuscarora, Buck Run Creek is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Buck Run Creek in Mount Morris (at Route 36) was conducted as part of the RIBS biological screening effort in 1999. Sampling results reflect moderately impacted (poor) water quality,

with sensitive taxa reduced, and the distribution of major taxonomic groups significantly different from what is naturally expected. The cause of the impact was unclear, although a small discharge was noted. Habitat conditions may also have influenced the community. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. In-stream habitat conditions were thought to contribute to the impacts in the waterbody.

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the level of impact in this waterbody segment is needed.

Section 303(d) Listing

Tuscarora, Buck Run Creeks is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Verification of impacts are needed in order to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire length of both streams and all tribs. The waters of the stream and its tribs are Class C.

Keshequa Creek, Lower, and tribs (0404-0010)

Needs Verification

Waterbody Location Information

Revised: 10/9/2015

Water Index No: Ont 117- 66- 3
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 21.1 Miles
Description: stream and tribs from mouth to Tuscarora

Water Class: A
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Unconfirmed
Aquatic Life	Stressed	Unconfirmed
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: - - -
Suspected: - - -
Unconfirmed: Nutrients, Pathogens

Source(s) of Pollutant(s)

Known: - - -
Suspected: Private/Comm/Inst Discharges (Groveland Correctional)
Unconfirmed: - - -

Management Information

Management Status: Verification of Problem Severity Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

This portion of Keshequa Creek is assessed as needing verification of impacts due to aquatic life that may be stressed. A previous assessment cited potential impacts that needed verification.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life was previously found to experience minor impacts, however these impacts were noted at the time as needing verification. This, in addition to the age of the data (more than 10 years old), suggest additional sampling is needed to verify current conditions. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

NYSDEC Rotating Intensive Basin Studies (RIBS) monitoring of Keshequa Creek in Sonyea (at State Route 36) was conducted in 2000 as an Intensive Network site and in 1999 as part of the RIBS Biological Screening Network. Overall water quality at this site is good. Biological sampling results indicated slightly impacted water quality conditions in both years. Some nonpoint source nutrient enrichment is present and affects the faunal composition. While iron was elevated in the water column, and arsenic was elevated in the bottom sediments, no contaminants were found to be above background levels in invertebrate tissues, and no significant mortality or reproductive impairment was found in the three tests conducted for toxicity. No fish advisories are in effect for this stream. The conditions present appear to cause no substantial impairment to or restriction of aquatic life support in the stream. Water quality at this site is considered to be fully supporting of designated uses. (DEC/DOW, BWAR/SWAS, January 2003).

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. Discharges from the Groveland Correctional Facility WWTP were noted as a potential impact to the stream. The facility had a long history of discharging inadequately treated sewage effluent but was upgraded in 2001 and was expected to have addressed this concern.

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the level of impact in this waterbody segment is needed.

Section 303(d) Listing

Lower Keshequa Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Verification of impacts are needed in order to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and all tribs from the mouth to Wildcat Gully Creek (-7) in Tuscarora. The waters of this portion of the stream are Class C from the mouth to the Craig Colony water supply dam, and Class A for the remainder of the reach. Tribs included in this segment are Class C.

Keshequa Creek, Middle, and tribs (0404-0015)

Needs Verification

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66- 3
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 62.8 Miles
Description: stream and tribs from Tuscarora to Nunda

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Unconfirmed
Aquatic Life	Stressed	Unconfirmed
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Poor
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: - - -
Suspected: Unknown Pollutants (biological impacts)
Unconfirmed: - - -

Source(s) of Pollutant(s)

Known: - - -
Suspected: Habitat Alteration, Unknown Source
Unconfirmed: - - -

Management Information

Management Status: Verification of Problem Severity Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

This portion of Keshequa Creek is assessed as needing verification of impacts due to aquatic life that may be stressed. No specific pollutant or sources have been identified, but sampling results indicate poor habitat conditions may contribute to the impacts. Previous assessments of this waterbody, based on similar sampling results, indicated fully supported uses, but that assessment was more than 10 years ago.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life may experience minor impacts, however due to the inconclusive results (lack of sampling within the reach and poor habitat at the upstream site) additional sampling is needed to verify current conditions. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-

specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Keshequa Creek in Nunda (at Bailey Road), just above this segment, was conducted as part of the RIBS biological screening effort in 2009. Sampling results reflect slight impacts corresponding to fair water quality, with the macroinvertebrate community altered from what is expected under natural conditions. However conditions at the site are significantly influenced by stream habitat and as a result this evaluation of aquatic life is considered to be unconfirmed. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. In-stream habitat conditions are thought to contribute to the impacts in the waterbody.

As is the case in much of the Genesee River Basin, elevated silt and sediment loads in the creek are common and can impact aquatic habitat and recreational uses to some degree. However, much of the sediment loading is considered to be natural, a result of highly erodible soils throughout the basin. (DEC/DOW, BWAM and Region 8, January 2014)

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the level of impact in this waterbody segment is needed.

Section 303(d) Listing

Middle Keshequa Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Verification of impacts are needed in order to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and all tribs from Wildcat Gully Creek (-7) in Tuscarora to Newville Creek (-25) in Nunda. The waters of this portion of the stream and its tribs are Class C.

Keshequa Creek, Upper, and tribs (0404-0016)

Needs Verification

Waterbody Location Information

Revised: 10/9/2015

Water Index No: Ont 117- 66- 3
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 52.7 Miles
Description: stream and tribs above Nunda

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Unconfirmed
Aquatic Life	Stressed	Unconfirmed
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated
Habitat/Hydrology Unknown
Aesthetics Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
Known: - - -
Suspected: Unknown Pollutants (biological impacts)
Unconfirmed: - - -

Source(s) of Pollutant(s)
Known: - - -
Suspected: Unknown Source
Unconfirmed: - - -

Management Information

Management Status: Verification of Problem Severity Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

This portion of Keshequa Creek is assessed as needing verification of impacts due to aquatic life that may be stressed. No specific pollutant or sources have been identified, but sampling results indicate poor habitat conditions may contribute to the impacts. Previous assessments of this waterbody, based on similar sampling results, indicated fully supported uses, but that assessment was more than 10 years ago.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life may experience minor impacts, however due to the inconclusive results related to poor habitat at the sampling site additional sampling is needed to verify current conditions. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH

Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Keshequa Creek in Nunda (at Bailey Road) was conducted as part of the RIBS biological screening effort in 2009. Sampling results reflect slight impacts corresponding to fair water quality, with the macroinvertebrate community altered from what is expected under natural conditions. However conditions at the site are significantly influenced by stream habitat and as a result this evaluation of aquatic life is considered to be unconfirmed. These results are consistent with sampling conducted at the site in 1999. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. In-stream habitat conditions are thought to contribute to the impacts in the waterbody.

As is the case in much of the Genesee River Basin, elevated silt and sediment loads in the creek are common and can impact aquatic habitat and recreational uses to some degree. However, much of the sediment loading is considered to be natural, a result of highly erodible soils throughout the basin. (DEC/DOW, BWAM and Region 8, January 2014)

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the level of impact in this waterbody segment is needed.

Section 303(d) Listing

Upper Keshequa Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. Verification of impacts are needed in order to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and all tribs above Newville Creek (-25) in Nunda. The waters of this portion of the stream and its tribs are Class C.

Wildcat Gully Creek and tribs (0404-0017)

Unassessed

Waterbody Location Information

Revised: 5/18/2016

Water Index No: Ont 117- 66- 3- 7
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 10.9 Miles
Description: entire stream and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

Wildcat Gully Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream and its tribs are Class C.

Newville Creek and tribs (0404-0018)

Unassessed

Waterbody Location Information

Revised: 5/18/2016

Water Index No: Ont 117- 66- 3-25
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 12.5 Miles
Description: entire stream and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing. Portions of the waterbody are also designated as a cold water (trout) fishery.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

Newville Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C(T) from the mouth to Dunns Brook (-3) and Class C for the remainder of the reach. Tribs included in this segment are Class C. Dunns Brook (-3) is listed separately.

Dunns Brook and tribs (0404-0028)

Unassessed

Waterbody Location Information

Revised: 5/18/2016

Water Index No: Ont 117- 66- 3-25-3
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 2.6 Miles
Description: entire stream and tribs

Water Class: AA(T)
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	Unassessed	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class AA waterbody, suitable for water supply, public bathing, general recreation use and support of aquatic life. The waterbody is also designated as a cold water (trout) fishery.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

Dunns Brook is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream and its tribs are Class AA(T).

Nunda Reservoir (0404-0030)

Threatened

Waterbody Location Information

Revised: 09/01/2016

Water Index No: Ont 117- 66- 3-25-P84a
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: Lake/Reservoir 6 Acres
Description: entire lake

Water Class: A
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	Threatened	Suspected
Public Bathing	Fully Supported	Suspected
Recreation	Threatened	Known
Aquatic Life	Fully Supported	Suspected
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
 Known: Algal/Plant Growth (native), Aquatic Invasive Species (Eurasian watermilfoil)
 Suspected: Nutrients (phosphorus)
 Unconfirmed: - - -

Source(s) of Pollutant(s)
 Known: - - -
 Suspected: Agriculture
 Unconfirmed: Resource Extraction (sand/gravel mining)

Management Information

Management Status: Strategy Implementation Scheduled or Underway
Lead Agency/Office: ext/WQCC
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

Nunda Reservoir is assessed as threatened due to water supply and general recreational uses that are considered to be threatened by nutrient loads and native and non-native plant growth. Although uses are currently fully supported, somewhat elevated levels of this/these pollutant(s) raise concerns and condition should continue to be monitored.

Use Assessment

Nunda reservoir is a Class A waterbody, suitable for water supply, public bathing, general recreation use and support of aquatic life.

Public water supply use of Nunda Reservoir is fully supported. The reservoir is used as a public supply for the Village of Nunda and serves a population of 1600. The most recent annual water quality report indicates no contaminants in finished (treated) water exceed regulatory limits. Sampling of the reservoir found occasionally elevated nutrient levels that could threaten water supply use. A Source Water Assessment by the NYSDOH conducted in the early 2000s found some elevated susceptibility to contamination due to agricultural and mining activity in the watershed. However it is important to note that SWAP reports estimate the potential for untreated drinking water sources to be impacted by contamination and do not address the quality of treated finished potable tap water. This level of susceptibility is also

typical of many water supplies that experience no impacts to water supply use and reflects the need to protect the resource. (NYSDOH, Source Water Assessment Program, 2005)

Recreation use is considered to be supported but threatened due to occasionally high nutrient (phosphorus) levels and algal growth, as well as native and non-native plant growth. Additional bacteriological sampling is needed to more fully evaluate the impact of pathogen levels on public bathing (swimming) use. The reservoir is thought to support a warmwater fishery, however this water supply reservoir is not open to the public for any fishing or boating recreation. (DEC/DOW, BWAM/LMAS, July 2016)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

Water quality sampling of Nunda Reservoir was conducted through the NYSDEC Lake Classification and Inventory (LCI) Program in 2014 and 2015. Results of this sampling indicate the lake is best characterized as mesotrophic to eutrophic, or moderately/highly productive. Chlorophyll/algal levels are typically below criteria corresponding to stressed recreational uses, while phosphorus concentrations are typically below levels of concern. However end of the year (August 2014, September 2015) sampling revealed single samples that exceeded impairment criteria. Lake clarity measurements indicate water transparency typically meet the recommended minimum criteria for swimming beaches. Both native and non-native (Eurasian watermilfoil) have been documented in the reservoir. Harmful algal blooms (HABs) have not been documented in the reservoir. (DEC/DOW, BWAM/LMAS, May 2006)

The Village of Nunda provides a drinking water quality report annually. The most recent annual water quality report indicates no contaminants in finished (treated) water exceed regulatory limits (see also the Use Assessment discussion above).

Source Assessment

Based on the surrounding land use and other knowledge of the waterbody, agricultural activities are the most likely sources of nutrient threats to the waterbody.

Management Actions

Local stakeholders (municipal water supplier) – with input from Regional DOW staff – lead watershed efforts to protect the water supply use. The water supplier indicated that copper sulfate has been used to limit algal growth during the summer. A range of other general best management practices and other recommendations to restore and protect water quality in all lakes is outlined in the NYSDEC manual Diet for a Small Lake. (NYSDEC/FOLA, 2009)

Section 303(d) Listing

Nunda Reservoir is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There appear to be no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the total area of the entire reservoir.

State/West Ditch and minor tribs (0404-0019)

Unassessed

Waterbody Location Information

Revised: 5/18/2016

Water Index No: Ont 117- 66- 8
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 49.2 Miles
Description: entire stream and selected/smaller tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-

Conditions Evaluated

Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

State/West Ditch is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream and its tribs are Class C. Bradner Creek (-2) and Two Mile Creek (-3) are listed separately.

Bradner Creek and tribs (0404-0020)

Needs Verification

Waterbody Location Information

Revised: 5/12/2016

Water Index No: Ont 117- 66- 8- 2
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 57.4 Miles
Description: entire stream and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Suspected
Aquatic Life	Impaired	Unconfirmed
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Poor	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: - - -
Suspected: Unknown Pollutants (biological impact)
Unconfirmed: Nutrients (phosphorus)

Source(s) of Pollutant(s)

Known: Agriculture
Suspected: Habitat Alteration, Unknown Source
Unconfirmed: - - -

Management Information

Management Status: Verification of Problem Severity Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Bradner Creek is currently assessed as needing verification of minor impacts/possible impairment due to aquatic life that may be impaired, but this evaluation is based on a single, older sample, collected under poor sampling conditions (i.e., a location without riffle/run characteristics required for the sampling method used) and needs to be more fully assessed. Specific pollutants have not been identified.

Use Assessment

Bradner Creek is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life was previously found to experience some impacts (and may be impaired), however due to poor sampling substrate, inconclusive results and the age of the data (more than 10 years old) additional sampling is needed to verify current conditions. (DEC/DOW, BWAM/SBU, December 2014)

This sampling can also be used to infer that there may be impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional (bacteriological) sampling is needed to more fully

evaluate other recreational uses. (DEC/DOW, BWAM/SBU, December 2014)

Fish Consumption use is considered to be unassessed. There are no health advisories limiting the consumption of fish from this waterbody (beyond the general advice for all waters). However due to the presence of impacts/contaminants in the stream and the uncertainty as to whether the lack of a waterbody-specific health advisory is based on actual sampling, fish consumption use is noted as unassessed, rather than fully supported but unconfirmed. (NYS DOH Health Advisories and DEC/DOW, BWAM, December 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Bradner Creek in Ross Corners (at Route 259) was conducted as part of the RIBS biological screening effort in 2004. Sampling results reflect moderate impacts corresponding to poor water quality, with the macroinvertebrate community altered from what is expected under natural conditions. However these results are significantly influenced by stream flow and substrate characteristics/habitat. Without a riffle/run area or alternatively the use of methods appropriate for soft bottom streams, this evaluation of aquatic life is considered unconfirmed. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. The stream runs through highly agricultural low-lying cropland, suggesting agricultural sources may be present.

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the conditions and level of impact in this waterbody segment is recommended.

Section 303(d) Listing

Bradner Creek is not included on the current (2016) NYS Section 303(d) List of Impaired Waters. There are no impairments that would justify the listing of this waterbody. Bradner Creek was removed from the NYS Section 303(d) List of Impaired/TMDL Waters in 2016 due to inadequate justification of the original listing in 2010. (DEC/DOW, BWAM/WQAS, April 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C from the mouth to White Bridge Road and Class C(TS) for the remainder of the reach. Tribs included in this segment are Class C.

Two Mile Creek and tribs (0404-0021)

Unassessed

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66- 8- 3
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 22.1 Miles
Description: entire stream and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)
Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

Two Mile Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream and its tribs are Class C.

Patterson Gully Creek and tribs (0404-0022)

Unassessed

Waterbody Location Information

Revised: 10/9/2015

Water Index No:	Ont 117- 66-17a	Water Class:	C
Hydro Unit Code:	Canaseraga Creek (0413000209)	Drainage Basin:	Genesee River
Water Type/Size:	River/Stream 15.3 Miles	Reg/County:	8/Livingston (26)
Description:	entire stream and tribs		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-

Conditions Evaluated	Severity
Habitat/Hydrology	Unknown
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

Patterson Gully Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream and its tribs are Class C.

Mud Creek and tribs (0404-0023)

Needs Verification

Waterbody Location Information

Revised: 5/18/2016

Water Index No: Ont 117- 66-18
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 30.3 Miles
Description: entire stream and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Unconfirmed
Aquatic Life	Impaired	Unconfirmed
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: - - -
Suspected: Unknown Pollutants (biological impacts)
Unconfirmed: - - -

Source(s) of Pollutant(s)

Known: - - -
Suspected: Unknown Source
Unconfirmed: - - -

Management Information

Management Status: Verification of Problem Severity Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Mud Creek is currently assessed as needing verification of minor impacts/possible impairment due to aquatic life that may be impaired, but this evaluation is based on a single sample and need to be more fully assessed. Specific pollutants have not been identified but municipal wastewater sources are possible sources.

Use Assessment

Mud Creek is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life appears to experience some impacts and may be impaired, however due to limited data additional sampling is needed to verify current impacts/impairment. This sampling can also be used to infer that there are minor impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional (bacteriological) sampling is needed to more fully evaluate other recreational uses. (DEC/DOW, BWAM/SBU, December 2014)

Fish Consumption use is considered to be unassessed. There are no health advisories limiting the consumption of fish

from this waterbody (beyond the general advice for all waters). However due to the presence of impacts/contaminants in the stream and the uncertainty as to whether the lack of a waterbody-specific health advisory is based on actual sampling, fish consumption use is noted as unassessed, rather than fully supported but unconfirmed. (NYS DOH Health Advisories and DEC/DOW, BWAM, December 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Mud Creek in Dansville (at White Bridge Road) was conducted as part of the RIBS biological screening effort in 2009. Sampling results reflect moderately impacted (poor) water quality, with sensitive taxa reduced, and the distribution of major taxonomic groups significantly different from what is naturally expected. Aquatic life is considered to be impaired, however this evaluation is noted as unconfirmed because it is based on a single sample; additional sampling to confirm this result is needed. Information on the habitat condition and any resulting influence on biology is not available. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. Identification of sources based on biological community composition was inconclusive.

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the level of impact in this waterbody segment is needed.

Section 303(d) Listing

Mud Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. However this updated assessment suggests it may be appropriate to include this waterbody on the next List, pending additional sampling to verify an impairment. (DEC/DOW, BWAM/WQAS, July 2016)

Segment Description

This segment includes the stream and all tribs from the mouth to the Dansville Reservoir diversion. The waters of the stream and all tribs are Class C. The portion of the stream above the diversion is Class AA and is included in the Little Mill Creek segment (0404-0024).

Mill Creek and minor tribs (0404-0011)

Needs Verification

Waterbody Location Information

Revised: 09/01/2016

Water Index No: Ont 117- 66-22
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 52.8 Miles
Description: entire stream and minor tribs

Water Class: C(TS)
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Stressed	Unconfirmed
Aquatic Life	Impaired	Unconfirmed
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)
Known: - - -
Suspected: Silt/Sediment
Unconfirmed: - - -

Source(s) of Pollutant(s)
Known: - - -
Suspected: Streambank Erosion
Unconfirmed: Agriculture

Management Information

Management Status: Verification of Problem Severity Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Mill Creek is currently assessed as needing verification of impacts to aquatic life that may rise to the level of impairment. This evaluation is based on samples that show stressed conditions very near the moderately impacted threshold or that are older (collected more than 10 years ago); this waterbody needs to be more fully assessed. Specific pollutants have not been identified but siltation is a suspected source.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing. The waterbody is also designated as a cold water (trout) fishery.

Aquatic life was previously found to experience impacts and may be impaired. Due to sampling results showing impacts that are very close to the impairment threshold additional sampling is needed to verify the current level of impact/impairment. This sampling can also be used to infer that there are at least minor impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional (bacteriological) sampling is needed to more fully evaluate other recreational uses. (DEC/DOW, BWAM/SBU, December 2014)

Fish Consumption use is considered to be unassessed. There are no health advisories limiting the consumption of fish from this waterbody (beyond the general advice for all waters). However due to the presence of impacts/contaminants in the stream and the uncertainty as to whether the lack of a waterbody-specific health advisory is based on actual sampling, fish consumption use is noted as unassessed, rather than fully supported but unconfirmed. (NYS DOH Health Advisories and DEC/DOW, BWAM, December 2014)

Water Quality Information

Biological (macroinvertebrate) assessment of Mill Creek in Dansville was conducted in 2014 and 1999. The more recent sampling results indicated slightly impacted water quality conditions just at the threshold of moderate impact. The earlier (2009) sampling found moderate impacts. Stoneflies were present at the sight, but mayflies were absent. It was not clear what factors were most affecting the fauna, although siltation appeared to be a contributing factor. (DEC/DOW, BWAM/SBU, July 2016)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. Identification of sources based on biological community composition suggested siltation may contribute to the impacts, but this should be verified.

Management Actions

No specific management actions have been identified for the waterbody. Additional sampling to verify the level of impact in this waterbody segment is needed.

Section 303(d) Listing

Mill Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. However this updated assessment suggests the waterbody should be re-evaluated for possible inclusion on a future List, pending additional sampling to verify an impairment. (DEC/DOW, BWAM/WQAS, July 2016)

Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C(TS) from the mouth to unnamed trib (-15) and Class C(T) for the remainder of the reach. Tribs included in this segment are Class C, C(T). Little Mill Creek is listed separately.

Little Mill Creek and tribs (0404-0024)

No Known Impacts

Waterbody Location Information

Revised: 9/11/2015

Water Index No: Ont 117- 66-22-1
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 19.8 Miles
Description: entire stream and tribs

Water Class: AA
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	Fully Supported	Known
Public Bathing	Fully Supported	Suspected
Recreation	Fully Supported	Known
Aquatic Life	Fully Supported	Known
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Good
Aesthetics	Unknown

Type of Pollutant(s)

(CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known:	---
Suspected:	---
Unconfirmed:	---

Source(s) of Pollutant(s)

Known:	---
Suspected:	---
Unconfirmed:	---

Management Information

Management Status: No Action Needed
Lead Agency/Office: ext/WQCC
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

Little Mill Creek is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

Little Mill Creek is primarily a Class AA waterbody, suitable for water supply, public bathing, general recreation use and support of aquatic life, but not as a water supply. The waterbody is also designated as a cold water (trout) fishery.

Public water supply use of Little Mill Creek is fully supported. The river is used as a public supply for the Village of Dansville and serves a population of 8,900. The most recent annual water quality report indicates no contaminants in finished (treated) water exceed regulatory limits. A Source Water Assessment by the NYSDOH conducted in the early 2000s found some elevated susceptibility to contamination due to agricultural activity in the watershed. However it is important to note that SWAP reports estimate the potential for untreated drinking water sources to be impacted by contamination and do not address the quality of treated finished potable tap water. This level of susceptibility is also typical of many water supplies that experience no impacts to water supply use and reflects the need to protect the resource. (NYSDOH, Source Water Assessment Program, 2005)

Aquatic life is considered to be fully supported based on biological sampling that shows non-impacted conditions. This sampling can also be used to infer that there are no significant impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional (bacteriological) sampling is needed to more fully evaluate public bathing and other recreational uses. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Little Mill Creek in Dansville (at Route 63) was conducted as part of the RIBS biological screening effort in 2009. Sampling results indicated non-impacted conditions and very good water quality. Such samples are dominated by clean-water species and are most similar to a natural community with minimal human impacts. Aquatic life community is fully supported. (DEC/DOW, BWAM/SBU, January 2015)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Biological results suggest natural conditions with minimal human disturbance.

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. Given the generally low level of impact, local stakeholders (SWCD/WQCC) – with input from Regional DOW staff – would be appropriate to oversee management activity.

Section 303(d) Listing

Little Mill Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The segment also includes the portion of Upper Mud Creek above the Dansville Reservoir diversion. The waters of the stream are Class C(T) from the mouth to the lower water supply dam, Class AA(TS) from there to Spring Run Creek (-3a) and Class AA for the remainder of the reach. Tribs included in this segment, including Van Dorn Brook (-2), Spring Run Creek (-3a), as well as Upper Mud Creek, are primarily Class AA, AA(T),AA(TS), with some waters designated Class C.

Loon Lake (0404-0039)

No Known Impacts

Waterbody Location Information

Revised: 7/13/2015

Water Index No: Ont 117- 66-22-12-P79*
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: Lake/Reservoir 168.5 Acres
Description: entire lake

Water Class: B
Drainage Basin: Genesee River
Reg/County: 8/Steuben (51)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Fully Supported	Suspected
Recreation	Fully Supported	Known
Aquatic Life	Fully Supported	Suspected
Fish Consumption	Fully Supported	Unconfirmed
Conditions Evaluated		
Habitat/Hydrology	Fair	
Aesthetics	Good	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: No Action Needed
Lead Agency/Office: ext/WQCC
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

Loon Lake is assessed as having no known impacts; all evaluated uses are considered to be fully supported. Previous assessments have indicated water quality threats due to invasive species, but these conditions do not appear to significantly threaten recreational use.

Use Assessment

Loon Lake is a Class B waterbody, suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

There is no evidence of recreation use impacts in Loon Lake, consistent with relatively low lake productivity, high water clarity, and the lack of excessive aquatic vegetation. Public bathing is also considered to be fully supported based on the evaluation of overall recreational use, however bacteriological sampling is needed to more fully evaluate swimming use. Habitat (invasive species) conditions reflect minimal alteration but do not appear to limit or otherwise influence recreational uses. (DEC/DOW, BWAM/LCI, March 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general

advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

Water quality sampling of Loon Lake has been conducted through the Citizens Statewide Lake Assessment Program (CSLAP) from 1994 through 2011. Results of this sampling indicate the lake is best characterized as mesotrophic, or moderately productive. Chlorophyll/algal levels are generally below criteria corresponding to impacted recreational uses, while phosphorus concentrations are typically low high. Lake clarity measurements indicate water transparency consistently exceed the recommended minimum criteria for swimming beaches. Readings of pH typically fall within the range established in state water quality standards for protection of aquatic life. (DEC/DOW, BWAM/LMAS, May 2014)

Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be favorable since the lake was first evaluated and continuing through the most recent assessment. The recreational suitability of the lake is described most frequently as "excellent." The lake itself is most often described as "not quite crystal clear," an assessment that is consistent with measured water quality characteristics. Assessments have noted that aquatic plants rarely grow to the lake surface. Aquatic plants are dominated by a mix of native and non-native species and have been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, May 2014)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Invasive species are present but do not impact recreational uses.

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. A range of general best management practices and other recommendations to protect water quality in all lakes is outlined in the NYSDEC manual Diet for a Small Lake. Given the generally low level of impact, local stakeholders (SWCD/WQCC) – with input from Regional DOW staff – would be appropriate to oversee protection efforts. (NYSDEC/FOLA, 2009).

Section 303(d) Listing

Loon Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This information segment includes to total area of the entire lake. In previous assessment, this segment had the Segment ID number 0502-0039, corresponding to waters within the Chemung River Basin. The lake was assigned to its current Segment ID in 2015.

Stony Brook, Lower, and tribs (0404-0025)

No Known Impacts

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66-25
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 17.1 Miles
Description: stream and tribs within/below Stony Brook State Park

Water Class: B
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Fully Supported	Suspected
Recreation	Fully Supported	Suspected
Aquatic Life	Fully Supported	Suspected
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Good
Aesthetics	Unknown

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
Suspected: ---
Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: ---

Management Information

Management Status: Assessment/Reassessment Scheduled
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

This portion of Stony Brook is assessed as having no known impacts; all evaluated uses are considered to be fully supported. However, this assessment is based on older data and sampling to verify conditions is recommended.

Use Assessment

This waterbody segment is a Class B waterbody, suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply. The waterbody is also designated as a cold water (trout) fishery.

Aquatic life was previously found to experience no known impacts, however due to the age of the data (more than 10 years old) additional sampling is recommended to verify current conditions. This sampling can also be used to infer that there are no significant impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional (bacteriological) sampling is needed to more fully evaluate public bathing and other recreational uses. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-

specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Stony Brook in Stony Brook State Park was conducted in 1999. Sampling results indicated non-impacted water quality conditions. The fauna was diverse and well-balanced with many mayflies, stoneflies and caddisflies. (DEC/DOW, BWAR/SBU, January 2001)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Biological results suggest natural conditions with minimal human disturbance.

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. Additional sampling to verify conditions in this waterbody segment is recommended.

Section 303(d) Listing

Lower Stony Brook is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and all tribs from the mouth to Sponable Gully Creek (-3). The waters of this portion of the stream are Class C from the mouth to unnamed trib (-1) and Class B(T) for the remainder of the reach. Tribs included in this segment are Class B.

Stony Brook, Upper, and tribs (0404-0029)

No Known Impacts

Waterbody Location Information

Revised: 7/9/2015

Water Index No:	Ont 117- 66-25	Water Class:	C
Hydro Unit Code:	Canaseraga Creek (0413000209)	Drainage Basin:	Genesee River
Water Type/Size:	River/Stream 32.5 Miles	Reg/County:	8/Steuben (51)
Description:	stream and tribs above Stony Brook State Park		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Fully Supported	Suspected
Aquatic Life	Fully Supported	Suspected
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Good
Aesthetics	Unknown

Type of Pollutant(s)

(CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known:	---
Suspected:	---
Unconfirmed:	---

Source(s) of Pollutant(s)

Known:	---
Suspected:	---
Unconfirmed:	---

Management Information

Management Status:	Assessment/Reassessment Scheduled
Lead Agency/Office:	DOW/BWAM
IR/305(b) Code:	Water Attaining All Standards (IR Category 1)

Further Details

Overview

This portion of Stony Brook is assessed as having no known impacts; all evaluated uses are considered to be fully supported. However, this assessment is based on older data and sampling to verify conditions is recommended. Some uses are considered to be unassessed due to the age of data and some uncertainty at the time of the previous assessment.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing.

Aquatic life was previously found to experience no known impacts, however due to the age of the data (more than 10 years old) additional sampling is recommended to verify current conditions. Such sampling can also be used to infer that there are no significant impacts to fishing, however other recreational uses are considered to be unassessed pending more recent evaluation of recreation and swimming use in the Stony Brook State Park. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Stony Brook in Stony Brook State Park was conducted in 1999. Sampling results indicated non-impacted water quality conditions. The fauna was diverse and well-balanced with many mayflies, stoneflies and caddisflies. (DEC/DOW, BWAR/SBU, January 2001)

A public recreation area (swimming) in Stony Brook State park was closed for one week in 2000 due to high coliform testing results. Park staff has indicated that elevated readings occur occasionally. Testing by park staff also indicate the source lies outside the park. DEC regional staff have no information suggesting failing on-site septic systems above the park. The source of the problem needs further study. (Steuben County WQCC, March 2002)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Biological results suggest natural conditions with minimal human disturbance.

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. Additional sampling to verify conditions in this waterbody segment is recommended.

Section 303(d) Listing

Upper Stony Brook is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the portion of the stream and all tribs above from Sponable Gully Creek (-3). The waters of this portion of the stream are Class C(T) from the Sponable Gully Creek to unnamed trib (-6) and Class C for the remainder of the reach. Tribs included in this segment, including Kurtz Hollow Creek (-4), are Class C, C(T).

Sugar Creek and tribs (0404-0026)

No Known Impacts

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66-28
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 40.8 Miles
Description: entire stream and tribs

Water Class: C(T)
Drainage Basin: Genesee River
Reg/County: 8/Livingston (26)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Fully Supported	Suspected
Aquatic Life	Fully Supported	Suspected
Fish Consumption	Fully Supported	Unconfirmed

Conditions Evaluated

Habitat/Hydrology	Good
Aesthetics	Unknown

Type of Pollutant(s)

(CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known:	---
Suspected:	---
Unconfirmed:	---

Source(s) of Pollutant(s)

Known:	---
Suspected:	---
Unconfirmed:	---

Management Information

Management Status: Assessment/Reassessment Scheduled
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

Further Details

Overview

Sugar Creek is assessed as having no known impacts; all evaluated uses are considered to be fully supported. However, this assessment is based on older data and sampling to verify conditions is recommended.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing. The waterbody is also designated as a cold water (trout) fishery.

Aquatic life was previously found to experience no known impacts, however due to the age of the data (more than 10 years old) additional sampling is recommended to verify current conditions. This sampling can also be used to infer that there are no significant impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. Additional (bacteriological) sampling is needed to more fully evaluate public bathing and other recreational uses. (DEC/DOW, BWAM/SBU, December 2014)

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-

specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of Sugar Creek below Ossian Center was conducted in 1999. Sampling results indicated non-impacted water quality conditions. The fauna was diverse and well-balanced with many mayflies, stoneflies and caddisflies. Community indices were very high. Sampling of an unnamed trib (-7) to Sugar Creek in Dansville (at Ebert Road) also found non-impacted conditions. (DEC/DOW, BWAR/SBU, July 2016)

Source Assessment

There are no apparent sources of pollutants to the waterbody. Biological results suggest natural conditions with minimal human disturbance.

Management Actions

No specific management actions have been identified or are deemed necessary for the waterbody. Additional sampling to verify conditions in this waterbody segment is recommended.

Section 303(d) Listing

Sugar Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T) from the mouth to unnamed trib (-10a) and Class C for the remainder of the reach. Tribs included in this segment are Class C.

Slader Creek and tribs (0404-0027)

Unassessed

Waterbody Location Information

Revised: 7/9/2015

Water Index No: Ont 117- 66-31
Hydro Unit Code: Canaseraga Creek (0413000209)
Water Type/Size: River/Stream 38.1 Miles
Description: entire stream and tribs

Water Class: C
Drainage Basin: Genesee River
Reg/County: 9/Allegany (2)

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Unassessed	-
Conditions Evaluated		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s) (CAPS indicate Major Pollutants/Sources that contribute to an Impaired/Precluded Uses)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Source(s) of Pollutant(s)

Known: ---
 Suspected: ---
 Unconfirmed: ---

Management Information

Management Status: Unassessed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Currently there is inadequate data/information to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

This waterbody segment is a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing. The waterbody is also designated as a cold water (trout) fishery.

Water Quality Information

There is currently no water quality information available upon which to base an assessment.

Source Assessment

Specific sources of pollutants to the waterbody have not been identified.

Management Actions

No specific management actions have been identified for the waterbody. Baseline sampling to evaluate conditions in

this waterbody segment is needed.

Section 303(d) Listing

Slader Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient information to make a listing decision. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T) from the mouth to unnamed trib (-1) and Class C for the remainder of the reach. Tribs included in this segment are Class C.