



Genesee/Cold Creek Watershed (0413000208)

Water Index Number	Waterbody Segment	Category
Ont 117 (portion 7)	Genesee River, Upper, Main Stem (0403-0038)	Unassessed
Ont 117-105 thru 135	Minor Tributaries to Genesee River (0403-0029)	Unassessed
Ont 117-117	Rush Creek and tribs (0403-0057)	Unassessed
Ont 117-118	Cold Creek and tribs (0403-0058)	No Known Impacts
Ont 117-118- 7-P142	Spring Lake (0403-0051)	Unassessed
Ont 117-128	Houghton Creek and tribs (0403-0059)	Unassessed
Ont 117-132-P144	Moss Lake/Lily Pond (0403-0052)	Needs Verification

Genesee River, Upper, Main Stem (0403-0038)

Unassessed

Waterbody Location Information

Revised: 10/9/2015

Water Index No:	Ont 117 (portion 7)	Water Class:	C
Hydro Unit Code:	Cold Creek-Genesee River (0413000208)	Drainage Basin:	Genesee River
Water Type/Size:	River/Stream 16.6 Miles	Reg/County:	9/Allegany (2)
Description:	from Rossburg to Caneadea		

Water Quality Problem/Issue Information

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

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. This assessment is based on limited and older data and sampling to verify conditions is recommended.

Use Assessment

This portion of the Genesee River 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 significant impacts, however due to the limited and age of the data (more than 10 years old) 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 the Genesee River in Caneadea – at the upstream head of the segment – was conducted in 1999. Sampling results indicated slightly impacted water quality conditions, but the sample revealed no significant impacts to aquatic life support and no limitations to other uses were apparent. The segment was determined at that time to have no known impacts. However more current sampling at an alternative site farther downstream within the reach is needed to verify current conditions. (DEC/DOW, BWAM/SBU, January 2000)

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. Additional sampling to verify conditions in this waterbody segment is recommended.

Section 303(d) Listing

This portion of the Genesee River is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient data and information to make a listing determination for this waterbody. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the Genesee River from Wiscoy Creek (-104) near Rossburg to Caneadea Creek (-136) in Caneadea. This reach of the river is Class C.

Minor Tributaries to Genesee River (0403-0029)

Unassessed

Waterbody Location Information

Revised: 10/9/2015

Water Index No: Ont 117-105 thru 135
Hydro Unit Code: Cold Creek-Genesee River (0413000208)
Water Type/Size: River/Stream 72.9 Miles
Description: total length of selected/smaller tribs to Genesee River

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	Unconfirmed
Aquatic Life	Fully Supported	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: ---

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

This waterbody 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 total length of selected/smaller tribs to the Genesee River from Wiscoy Creek (-104) near Rosburg to Caneadea Creek (-136) in Caneadea, including Shongo Creek (-129). These waters are primarily Class C; some portions are Class C(TS). Rush Creek (-117), Cold Creek (-118) and Houghton Creek (-128) are listed separately.

Rush Creek and tribs (0403-0057)

Unassessed

Waterbody Location Information

Revised: 10/28/2015

Water Index No: Ont 117-117
Hydro Unit Code: Cold Creek-Genesee River (0413000208)
Water Type/Size: River/Stream 77.4 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	Fully Supported	Unconfirmed
Aquatic Life	Fully Supported	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: ---

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 of minor impacts is based on limited and 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.

Aquatic life was previously found to experience minor impacts, however due to the age of the data (more than 10 years old) additional sampling is needed to verify current conditions. (DEC/DOW, BWAM/SBU, December 2014)

Water Quality Information

A biological (macroinvertebrate) assessment of the Genesee River near Fillmore was conducted in 1999. Sampling results indicated slightly impacted water quality conditions, but the sample revealed no significant impacts to aquatic life support and no limitations to other uses were apparent. The segment was determined at that time to have no known

impacts. (DEC/DOW, BWAM/SBU, January 2000)

Regional Fisheries staff surveyed (electroshock) the stream in 1999. A small population of wild brown trout was found in the upstream Class C(T) reach. In the lower reaches warmer water temperatures, resulting in part from a lack of riparian vegetation and cover, do not appear to support trout. This reach is appropriately designated Class C. (DEC/FWMR, Region 9, April 2001)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. A previous assessment of the stream identified gravel removal activities in the stream as contributing to water quality and habitat/hydrologic modifications. The county WQCC reported in 2001 that Allegany County DPW had a NYSDEC permit to remove gravel from the stream. The skimming of gravel bars and shaping of eroding streambanks in the lower reaches provide gravel to various county highway projects. The stream work is supposed to reduce flooding impacts and protect roads and bridges. However there is concern that these efforts create greater erosion problems farther downstream. Discharges from agricultural activities were also noted as a concern. (DEC/DOW, BWAM, June 2015)

Management Actions

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

Section 303(d) Listing

Rush Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There is insufficient data and information to make a listing determination for this waterbody. (DEC/DOW, BWAM/WQAS, January 2015)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C from the mouth to just below trib -11 and Class C(T) for the remainder of the reach. Tribs to this reach are Class C.

Cold Creek and tribs (0403-0058)

No Known Impacts

Waterbody Location Information

Revised: 10/9/2015

Water Index No:	Ont 117-118	Water Class:	C
Hydro Unit Code:	Cold Creek-Genesee River (0413000208)	Drainage Basin:	Genesee River
Water Type/Size:	River/Stream 95.1 Miles	Reg/County:	9/Allegany (2)
Description:	entire stream and tribs		

Water Quality Problem/Issue Information

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	N/A	-
Recreation	Fully Supported	Known
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

Cold 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. Portions of the waterbody are also designated as a cold water (trout) fishery.

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. Previous fishery studies found not significant impacts, but these studies are older and more specific sampling is necessary to confirm this is the case (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

Biological (macroinvertebrate) assessments of Cold Creek in Fillmore (at Route 19A) was conducted as part of the RIBS biological screening and sampling effort in 2009 and 2010. Sampling results indicated overall 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)

Habitat at the site is significantly altered by human activity, degrading the stream and surrounding riparian buffer. However, as measured by the macroinvertebrates community, the site is fully supported indicating water quality is sufficiently high to overcome less than ideal habitat. The habitat conditions may influence the fishery. (DEC/DOW, BWAM/SBU, January 2015)

Regional Fisheries staff surveyed the stream in 1990 and found wild trout populations in the Class C(T),C(TS) reaches and warmwater minnows in the non-trout waters. Re-assessment of the stream is probably warranted. (DEC/FWMR, Region 9, April 2001)

Source Assessment

There are no apparent sources of pollutants currently causing impacts to water quality. Previous assessments noted non-point source impacts from agricultural activity. (DEC/DOW, BWAM, January 2015)

A previous assessment noted severe streambank erosion that was exacerbated by steep stream and tributary gradients in the watershed, resulting in excessive stream turbidity and the deposition of silt and gravel which contribute to flooding and the need for road and bridge maintenance. NYSDOT had channelized the lower 1000 feet of the stream annually to ease flooding problems in the Village of Fillmore. (Wyoming and Allegany County WQCCs, April 2001)

Management Actions

No specific management actions have been identified for the waterbody.

Section 303(d) Listing

Cold Creek is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impacts/impairments that would justify the listing of this waterbody. (DEC/DOW, BWAM, January 2010)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C from the mouth to just below Elm Creek (-6), Class C(T) from there to just below unnamed trib (-8), and Class C for the remainder of the reach. Tribs to this reach, including Sixtown Creek (-2) and Elm Creek (-6), are primarily Class C; some waters are Class C(TS).

Spring Lake (0403-0051)

Unassessed

Waterbody Location Information

Revised: 10/9/2015

Water Index No:	Ont 117-118- 7-P142	Water Class:	C
Hydro Unit Code:	Cold Creek-Genesee River (0413000208)	Drainage Basin:	Genesee River
Water Type/Size:	Lake/Reservoir 25.8 Acres	Reg/County:	9/Allegany (2)
Description:	entire lake		

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. An attempt was made to sample this waterbody in 2009, but public access to the pond was very limited.

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

This waterbody 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 total area of the pond.

Houghton Creek and tribs (0403-0059)

Unassessed

Waterbody Location Information

Revised: 08/12/2016

Water Index No: Ont 117-128
Hydro Unit Code: Cold Creek-Genesee River (0413000208)
Water Type/Size: River/Stream 12.9 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: Silt/Sediment, Water Level/Flow

Source(s) of Pollutant(s)

Known: - - -
Suspected: - - -
Unconfirmed: Streambank Erosion, Hydro Alteration

Management Information

Management Status: Verification of Sources Needed
Lead Agency/Office: ext/WQCC
IR/305(b) Code: Water Attaining All Standards (IR Category 1)

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 concerns related to streambank erosion and impacts to stream hydrology.

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

This waterbody 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.

Moss Lake/Lily Pond (0403-0052)

Needs Verification

Waterbody Location Information

Revised: 10/9/2015

Water Index No:	Ont 117-132-P144	Water Class:	C
Hydro Unit Code:	Cold Creek-Genesee River (0413000208)	Drainage Basin:	Genesee River
Water Type/Size:	Lake/Reservoir 15.2 Acres	Reg/County:	9/Allegany (2)
Description:	entire lake		

Water Quality Problem/Issue Information

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

Source(s) of Pollutant(s)

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

Management Information

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

Further Details

Overview

Moss Lake/Lily Pond is assessed as needing verification of impacts. Recreational uses and aquatic life may be considered to be impacted/impaired by excessive aquatic plant growth and water quality conditions, however these conditions may also be considered natural for this shallow lake which is more characteristic of a wetland. Additional consideration should be given to assessing this waterbody as part of the connecting stream than as a separate lake.

Use Assessment

Moss Lake/Lily Pond 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.

Recreation use may be considered to be impaired by excessive native plant growth. Though these limitations are largely the result of the waterbody characteristics of wetlands with limited open water. (DEC/DOW, BWAM/LMAS, July 2013)

Aquatic life is thought to be supported however naturally acid conditions and low dissolved oxygen related to the wetland characteristics of the waterbody may cause minor impacts to the fishery. (DEC/DOW, BWAM/LMAS, January 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. Recreational fishing is not currently allowed in the pond. (NYS DOH Health Advisories and DEC/DOW, BWAM, January 2014)

Water Quality Information

Water quality sampling of Moss Lake/Lily Pond was conducted through the NYSDEC Lake Classification and Inventory (LCI) in 2009 and 2010. Results of this limited sampling indicate the lake is best characterized as dystrophic – a description that falls outside the typical tropic range – and is characterized by low water clarity (with typically brown water), low calcium levels and naturally low pH levels and low oxygen levels near their bottoms. These conditions are typical of bog waters and not necessarily indicators of poor water quality. (DEC/DOW, BWAM/LMAS, May 2014)

Source Assessment

Specific sources of pollutants to the waterbody have not been identified. The pond lies within a wildlife preserve and is surrounded by undeveloped lands and forest.

Management Actions

No specific management actions have been identified or, in spite of the impact to some recreational uses, are deemed necessary for the waterbody. The pond lies within the Moss Lake Preserve, owned by The Nature Conservancy's Central Western New York Chapter. Currently the lake is used for passive recreation as part of the preserve, with nature trails and a boardwalk surrounding the lake. Visitors to the preserve are asked to stay on the trails and boardwalk; boating and fishing are not permitted on the lake. (DEC/DOW, BWAM, January 2014)

Section 303(d) Listing

Moss Lake/Lily Pond is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. In spite of limited sampling results and evaluation of possible impairment to recreational uses, there appear to be no justification for listing this waterbody. It may be more appropriate to discontinue assessment of this waterbody as a separate lake and, instead, include it within the assessment of Crawford Creek and tribs. (DEC/DOW, BWAM/WQAS, January 2016)

Segment Description

This segment includes the total area of the entire lake. The lake is known by both Moss Lake and Lily Pond.