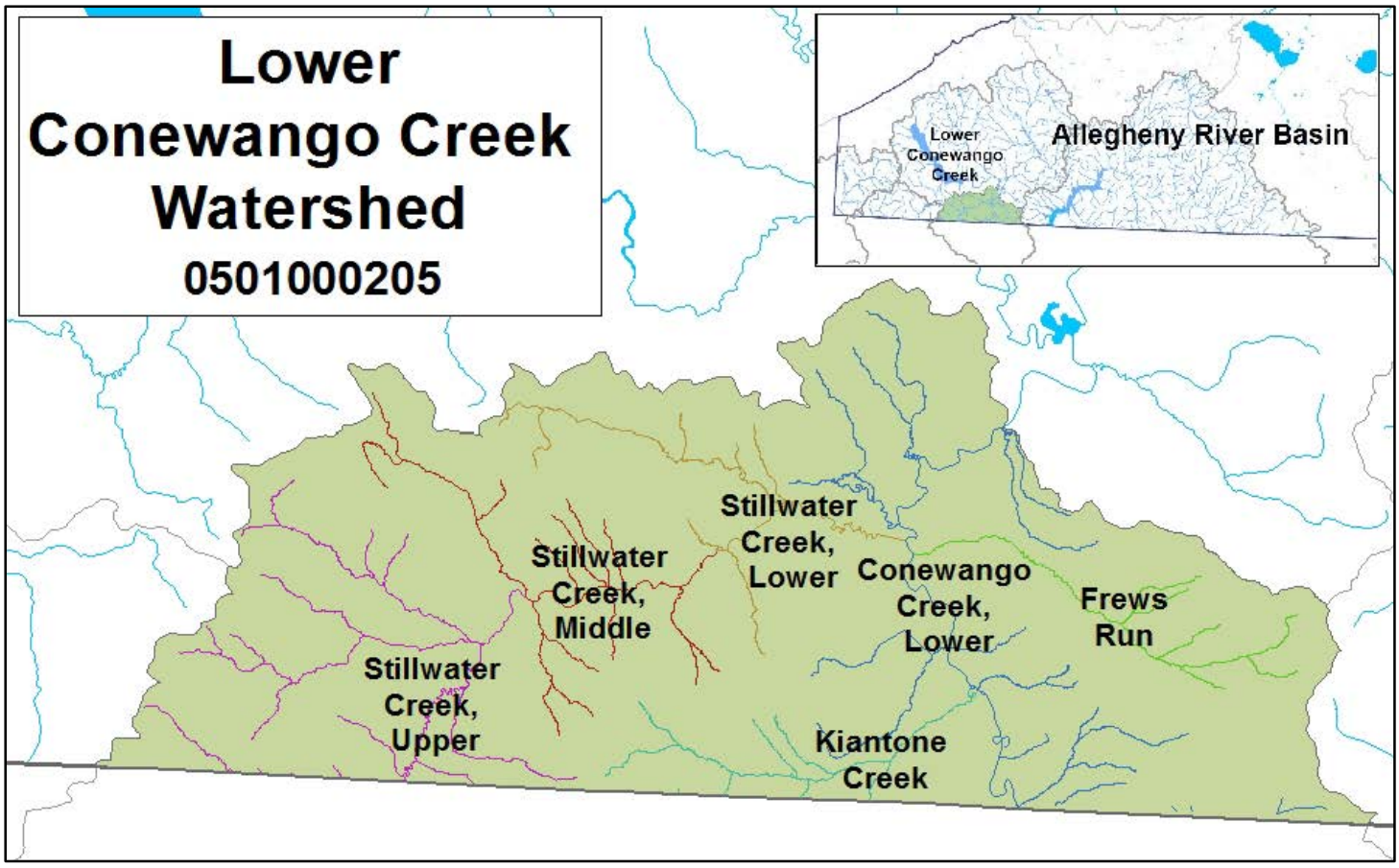

Lower Conewango Creek Watershed
(0501000205)

Water Index Number	Waterbody Segment	Category
Pa-63 (portion 1)	Conewango Creek, Lower, and minor tribs (0202-0014)	Unassessed
Pa-63- 3	Kiantone Creek and tribs (0202-0075)	Unassessed
Pa-63- 4	Frews Run and tribs (0202-0027)	MinorImpacts
Pa-63- 5	Stillwater Creek, Lower, and tribs (0202-0007)	MinorImpacts
Pa-63- 5	Stillwater Creek, Middle, and tribs (0202-0028)	MinorImpacts
Pa-63- 5	Stillwater Creek, Upper, and tribs (0202-0029)	Minor Impacts

Conewango Creek, Lower, and minor tribs (0202-0014) Unassessed

Waterbody Location Information

Revised: 07/01/2014

Water Index No:	Pa-63			**Drain Basin:**	Allegheny River
Unit Code:	0501000205	**Class:**	C		Conewango Creek
Water Type/Size:	River	40.8 Miles		**Reg/County:**	9/Chautauqua Co. (7)
Description:	stream and selected tribs, fr state line to abv Frewsburg				

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)

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 biological assessment of a small trib to Conewango Creek (Storehouse Run/Dodge Creek, Pa-59) was conducted in 2011. Sampling results reflect non-impacted water quality conditions indicative of very good water quality. However this site is not considered to be necessarily reflective of conditions in the larger segment.

Segment Description

This segment includes the portion of the stream and selected tribs from the state line to unnamed trib (-11a) just above Frewsburg. The waters of this portion of the stream are Class C. Tribs to this reach/segment, including

Storehouse Run/Dodge Creek (Pa-59), Wiltsie Run (-1), Black Ash Brook (-3b), and Boy Scout/Van Deusen Creek (-10), are also Class C. Kiantone Creek (-3), Frews Run (-4) and Stillwater Creek (-5) are listed separately.

Kiantone Creek and tribs (0202-0075) Unassessed

Waterbody Location Information

Revised: 07/01/2014

Water Index No:	Pa-63- 3			**Drain Basin:**	Allegheny River
Unit Code:	0501000205	**Class:**	C		Conewango Creek
Water Type/Size:	River	11.3 Miles		**Reg/County:**	9/Chautauqua Co. (7)
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		
Habitat/Hydrology	Unknown	
Aesthetics	Unknown	

Type of Pollutant(s)

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.

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C. Tribs to this reach/segment, including York Run (-2), are also Class C.

Frews Run and tribs (0202-0027) Minor Impacts

Waterbody Location Information

Revised: 07/01/2014

Water Index No:	Pa-63- 3			**Drain Basin:**	Allegheny River
Unit Code:	0501000205	**Class:**	B		Conewango Creek
Water Type/Size:	River	11.9 Miles		**Reg/County:**	9/Chautauqua Co. (7)
Description:	entire stream and tribs				

Water Quality Problem/Issue Information

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

Type of Pollutant(s)

Known:	- - -
Suspected:	UNKNOWN POLLUTANTS (biological impacts)
Unconfirmed:	- - -

Source(s) of Pollutant(s)

Known:	- - -
Suspected:	- - -
Unconfirmed:	UNKNOWN SOURCE

Management Information

Management Status:	Verification of Pollutants/Causes Needed
Lead Agency/Office:	DOW/BWAM
IR/305(b) Code:	Water Attaining Some Standards (IR Category 2)

Further Details

Overview

Frews Run is assessed as having minor impacts due to aquatic life that is thought to be stressed. The overall biological assessment indicates slight impacts, however the community is most similar to natural conditions. No specific pollutants or sources have been by identified.

Use Assessment

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

Aquatic life is evaluated as supported but stressed based on biological sampling that shows slight impacts,

however with a community that is most similar to natural 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 sampling is also needed to more fully evaluate other recreational and swimming use. (DEC, DOW, BWAM, 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 Sampling

A biological (macroinvertebrate) survey/assessment of Frews Run in Frewsburg (at Route 53) was conducted as part of the RIBS biological screening effort in 2006. Sampling results reflect good water quality with conditions in the slightly impacted range. The macroinvertebrate community shows some beginning signs of alteration from natural conditions. Some expected sensitive species are not present and overall macroinvertebrate species richness is somewhat lower than expected, but overall there is still balanced distribution of all expected taxa. The biological community is most similar to natural conditions and water quality reflect minimal anthropogenic influences. Aquatic life is supported and there are no other apparent water quality impacts. (DEC/DOW, BWAM/SBU, December 2014)

Source Assessment

Specific sources of pollutants to Frews Run have not been identified.

Management Action

No specific management actions have been identified or are deemed necessary for the waterbody. Additional follow-up monitoring is recommended to determine if any changes to water quality have occurred.

Section 303(d) Listing

Frews Run is not included on the current (2014) NYS Section 303(d) List of Impaired/TMDL Waters.

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class B. Tribs to the stream are also Class B.

Stillwater Creek, Lower, and tribs (0202-0007) Minor Impacts

Waterbody Location Information

Revised: 07/01/2014

Water Index No:	Pa-63- 5			**Drain Basin:**	Allegheny River
Unit Code:	0501000205	**Class:**	B		Conewango Creek
Water Type/Size:	River	15.3 Miles		**Reg/County:**	9/Chautauqua Co. (7)
Description:	entire stream and tribs				

Water Quality Problem/Issue Information

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

Type of Pollutant(s)

Known:	- - -
Suspected:	UNKNOWN POLLUTANTS (biological impacts), Nutrients (Phosphorus), Silt/Sediment, Thermal Changes
Unconfirmed:	- - -

Source(s) of Pollutant(s)

Known:	- - -
Suspected:	Agriculture, Habitat Alteration
Unconfirmed:	UNKNOWN SOURCE, Onsite/Septic Systems

Management Information

Management Status:	Verification of Pollutants/Causes Needed
Lead Agency/Office:	DOW/BWAM
IR/305(b) Code:	Water Attaining Some Standards (IR Category 2)

Further Details

Overview

This portion of Stillwater Creek is assessed as having minor impacts due to aquatic life that is known to be stressed, though overall water quality is good and supports assessed uses. No specific pollutants or sources have been identified. Impacts to the aquatic habitat of the stream have been noted and are a possible concern.

Use Assessment

This portion of Stillwater Creek is assessed as a Class B waterbody, suitable for use as a public bathing beach, general recreation and support of aquatic life, but not as a water supply.

Aquatic life is evaluated as supported but stressed based on biological sampling that shows slight impacts. Overall water quality is considered to be good and supports aquatic life. 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 sampling is also needed to more fully evaluate other recreational and swimming use. (DEC, DOW, BWAM, December 2014)

Fishery assessments of this stream from 2000-2005 found fish species diversity to be good, but with overall numbers that are somewhat suppressed. Habitat concerns such as sedimentation, lack of riparian canopy and shading and elevated stream temperatures are a likely contributing to the impacts on the fishery. NYSDEC discontinued trout stocking in early 1990s due to the high water temperatures and competition with warm water fish species, though it should be noted that this portion of the stream is not classified as a trout water. (DEC/DFWMR, Region 9, January 2007)

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 Sampling

A biological (macroinvertebrate) survey/assessment of Stillwater Creek in Frewsburg (at Route 62) was conducted as part of the RIBS biological screening effort in 2006. Sampling results reflect good water quality with conditions in the slightly impacted range. The macroinvertebrate community shows some beginning signs of alteration from natural conditions. Some expected sensitive species are not present and overall macroinvertebrate species richness is somewhat lower than expected, but overall there is still balanced distribution of all expected taxa. Aquatic life is supported and there are no other apparent water quality impacts. Sampling at a site just above this reach (near Stillwater) in 2011 found similar results. (DEC/DOW, BWAM/SBU, December 2014)

Source Assessment

Specific sources of pollutants to this reach of Stillwater Creek have not been identified. Biological sampling suggests nonpoint siltation/erosion and possible organic loads. Habitat issues may also have minor impacts on aquatic life.

Management Action

No specific management actions have been identified or are deemed necessary for the waterbody.

Section 303(d) Listing

Stillwater Creek is not included on the current (2014) NYS Section 303(d) List of Impaired/TMDL Waters.

Segment Description

This segment includes the portion of the stream and all tribs from the mouth to unnamed trib (-3) near Stillwater. The waters of this portion of the stream are Class C from the mouth to a point 1 mile upstream and Class B from that point to unnamed trib (-3). Tribs to this reach/segment are also/primarily Class B and C. Middle and Upper Stillwater Creeks are listed separately.

Stillwater Creek, Middle, and tribs(0202-0028) Minor Impacts

Waterbody Location Information

Revised: 07/01/2014

Water Index No:	Pa-63- 5			**Drain Basin:**	Allegheny River
Unit Code:	0501000205	**Class:**	C(T)		Conewango Creek
Water Type/Size:	River	21.8 Miles		**Reg/County:**	9/Chautauqua Co. (7)
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	Suspected
Aquatic Life	Stressed	Known
Fish Consumption	Fully Supported	Unconfirmed
Conditions Evaluated		
Habitat/Hydrology	Fair	
Aesthetics	Unknown	

Type of Pollutant(s)

Known:	- - -
Suspected:	UNKNOWN POLLUTANTS (biological impacts), Nutrients (Phosphorus), Silt/Sediment, Thermal Changes
Unconfirmed:	- - -

Source(s) of Pollutant(s)

Known:	- - -
Suspected:	Agriculture, Habitat Alteration
Unconfirmed:	UNKNOWN SOURCE, Onsite/Septic Systems

Management Information

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

Further Details

Overview

This portion of Stillwater Creek is assessed as having minor impacts due to aquatic life that is known to be stressed, though overall water quality is good and supports assessed uses. No specific pollutants or sources have been identified. Impacts to the aquatic habitat of the stream have been noted and are a possible concern.

Use Assessment

This portion of Stillwater Creek is assessed as a Class C(T) waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or public bathing beach.

Aquatic life is evaluated as supported but stressed based on biological sampling that shows slight impacts. Overall water quality is considered to be good and supports aquatic life. 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 sampling is also needed to more fully evaluate other recreational and swimming use. (DEC, DOW, BWAM, December 2014)

Fishery assessments of this stream from 2000-2005 found fish species diversity to be good, but with overall numbers that are somewhat suppressed. Habitat concerns such as sedimentation lack of riparian canopy and shading and elevated stream temperatures are a likely contributing to the impacts on the fishery. NYSDEC discontinued trout stocking in early 1990s due to the high water temperatures and competition with warm water fish species. (DEC/DFWMR, Region 9, January 2007)

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 Sampling

A biological (macroinvertebrate) survey/assessment of Stillwater Creek in Kiantone near Stillwater (at Bacon Road) was conducted as part of the RIBS biological screening effort in 2011. Sampling results reflect good water quality with conditions in the slightly impacted range. The macroinvertebrate community shows some beginning signs of alteration from natural conditions. Some expected sensitive species are not present and overall macroinvertebrate species richness is somewhat lower than expected, but overall there is still balanced distribution of all expected taxa. Aquatic life is supported and there are no other apparent water quality impacts. (DEC/DOW, BWAM/SBU, December 2014)

Source Assessment

Specific sources of pollutants to this reach of Stillwater Creek have not been identified. Biological sampling suggests nonpoint siltation/erosion and possible organic loads. Habitat issues may also have minor impacts on aquatic life.

Management Action

No specific management actions have been identified or are deemed necessary for the waterbody.

Section 303(d) Listing

Stillwater Creek is not included on the current (2014) NYS Section 303(d) List of Impaired/TMDL Waters.

Segment Description

This segment includes the portion of the stream and all tribs from unnamed trib (-3) near Stillwater to Hatch Creek (-11). The waters of this portion of the stream are Class C(T). Tribs to this reach/segment are Class C. Lower and Upper Stillwater Creeks are listed separately.

Stillwater Creek, Upper, and tribs (0202-0029) Minor Impacts

Waterbody Location Information

Revised: 07/01/2014

Water Index No:	Pa-63- 5			**Drain Basin:**	Allegheny River
Unit Code:	0501000205	**Class:**	B		Conewango Creek
Water Type/Size:	River	28.2 Miles		**Reg/County:**	9/Chautauqua Co. (7)
Description:	entire stream and tribs				

Water Quality Problem/Issue Information

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

Type of Pollutant(s)

Known: - - -

Suspected: UNKNOWN POLLUTANTS (biological impacts), Nutrients (Phosphorus), Silt/Sediment, Thermal Changes

Unconfirmed: - - -

Source(s) of Pollutant(s)

Known: - - -

Suspected: Agriculture, Habitat Alteration

Unconfirmed: UNKNOWN SOURCE, Onsite/Septic Systems

Management Information

Management Status: Verification of Pollutants/Causes Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water Attaining Some Standards (IR Category 2)

Further Details

Overview

This portion of Stillwater Creek is assessed as having minor impacts due to aquatic life that is known to be stressed, though overall water quality is good and supports assessed uses. No specific pollutants or sources have been identified. Impacts to the aquatic habitat of the stream have been noted and are a possible concern.

Use Assessment

This portion of Stillwater Creek is assessed as a Class B waterbody, suitable for use as a public bathing beach, general recreation and support of aquatic life, but not as a water supply.

Aquatic life is evaluated as supported but stressed based on biological sampling that shows slight impacts. Overall water quality is considered to be good and supports aquatic life. 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 sampling is also needed to more fully evaluate other recreational and swimming use. (DEC, DOW, BWAM, December 2014)

Fishery assessments of this stream from 2000-2005 found fish species diversity to be good, but with overall numbers that are somewhat suppressed. Habitat concerns such as sedimentation lack of riparian canopy and shading and elevated stream temperatures are a likely contributing to the impacts on the fishery. NYSDEC discontinued trout stocking in early 1990s due to the high water temperatures and competition with warm water fish species. The majority of this waterbody is classified as a warmwater fishery, although a reach of the stream is Class C(T). (DEC/DFWMR, Region 9, January 2007)

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 Sampling

A biological (macroinvertebrate) survey/assessment of Stillwater Creek in Kiantone near Stillwater (at Bacon Road) was conducted as part of the RIBS biological screening effort in 2011. Sampling results reflect good water quality with conditions in the slightly impacted range. The macroinvertebrate community shows some beginning signs of alteration from natural conditions. Some expected sensitive species are not present and overall macroinvertebrate species richness is somewhat lower than expected, but overall there is still balanced distribution of all expected taxa. Aquatic life is supported and there are no other apparent water quality impacts. (DEC/DOW, BWAM/SBU, December 2014)

Source Assessment

Specific sources of pollutants to this reach of Stillwater Creek have not been identified. Biological sampling suggests nonpoint siltation/erosion and possible organic loads. Habitat issues may also have minor impacts on aquatic life.

Management Action

No specific management actions have been identified or are deemed necessary for the waterbody.

Section 303(d) Listing

Stillwater Creek is not included on the current (2014) NYS Section 303(d) List of Impaired/TMDL Waters.

Segment Description

This segment includes the portion of the stream and all tribs above Hatch Creek (-11). The waters of this portion of the stream are Class B from Hatch Creek to unnamed trib (-13) and Class C(T) from this point to the state line. Tribs to this reach/segment, including Lindquist Creek (-12), are Class B and C. Lower and Middle Stillwater Creeks are listed separately.