



**Upper East Branch Delaware River Basin
(0204010203)**

D-70 (portion 4)	East Branch Delaware, Middle, Main Stem (1403-0045)	Minor Impacts
D-70 (portion 5)	East Branch Delaware, Upper, and tribs (1403-0020)	Unassessed
D-70-67 thru 98	Minor Tribs to East Branch Delaware (1403-0043)	No Known Impacts
D-70-70	Platte Kill and Tribs (1403-0099)	No Known Impacts
D-70-80	Bush Kill, Lower, and minor tribs (1403-0100)	No Known Impacts
D-70-80	Bush Kill, Upper, and minor tribs (1403-0040)	Unassessed
D-70-80- 2	Dry Brook and tribs (1403-0041)	Unassessed
D-70-80- 2-1	Tributary to Dry Brook (1403-0042)	Unassessed
D-70-80- 2-12	Emory Brook and tribs (1403-0106)	No Known Impacts
D-70-80- 2-14..P368,P368h	Furlough Lake, Lake Switzerland (1403-0101)	Unassessed
D-70-80- 8	Red Kill and tribs (1403-0105)	No Known Impacts
D-70-80-13	Vly Creek and tribs (1403-0044)	No Known Impacts
D-70-84	Batavia Kill and tribs (1403-0102)	Unassessed
D-70-P369a	Wawaka Lake (1403-0103)	Unassessed

East Branch Delaware, Middle, Main Stem (1403-0045) Minor Impacts

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70 (portion 4) **Water Class:** C(TS)
Hydro Unit Code: Upper East Branch Delaware River (0204010203) **Drainage Basin:** Delaware River
Water Type/Size: River/Stream 13.7 Miles **Reg/County:** 4/Delaware (13)
Description: from Pepacton Reservoir near Margaretville to Roxbury

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

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

Type of Pollutant(s)

Known: Nutrients
Suspected: ---
Unconfirmed: Other Pollutants, Silt/Sediment,

Source(s) of Pollutant(s)

Known: ---
Suspected: Onsite Septic Systems
Unconfirmed: Agriculture, Streambank Erosion

Management Information

Management Status: Verification of Pollutants/Causes Needed
Lead Agency/Office: DOW/Region 3
IR/305(b) Code: Water Attaining Some Standards (IR Category 2)

Further Details

Overview

This portion of the East Branch Delaware is assessed as having minor impacts due to recreation and aquatic life that are known to be stressed by excessive nutrients.

Use Assessment

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

Aquatic life is evaluated as supported but stressed based on biological sampling that shows slight impacts. 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. (DEC/DOW, BWAM/SBU, March 2017)

This waterbody is not included among the waterbody specific health advisories for fish consumption, but since fish can migrate to this waterbody from other waters where such advisories are in place (the Pepacton Reservoir), fish

consumption is evaluated as stressed. (NYSDOH Health Advisories and DEC/DFW, January 2014)

Water Quality Information

Biological (macroinvertebrate) assessments of this portion of the East Branch Delaware were conducted in Halcottsville in 2014 and Arkville in 2009 and 2014. Sampling results reflect fair water quality, with the macroinvertebrate community altered from what is expected under natural conditions and indications of non-point source impacts. 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. (DEC/DOW, BWAM/SBU, March 2014)

Source Assessment

Based on the biologic community composition, surrounding land use and other knowledge of the waterbody, the most likely source of specific pollutants to the waterbody are failing onsite septic systems.

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement.

Section 303(d) Listing

This portion of the East Branch Delaware is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impairments that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, March 2017)

Segment Description

This segment includes the portion of the East Branch from above the Pepacton Reservoir near Margaretville to trib -99 near Roxbury. The waters of this portion of the river are Class C(TS). (December 2000)

East Branch Delaware, Upper, and tribs (1403-0020)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70 (portion 5) **Water Class:** B(T)
Hydro Unit Code: Upper East Branch Delaware River (0204010203) **Drainage Basin:** Delaware River
Water Type/Size: River/Stream 32.8 Miles **Reg/County:** 4/Delaware (13)
Description: entire stream and tribs above Roxbury

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
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.

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

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water

quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

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, October 2016)

Segment Description

This segment includes the portion of the stream and all tribs above Trib -99 near Roxbury. The waters of this portion of the stream are Class C(T). Tribs to this reach, including Pleasant Valley/Hardscrabble Brook (-100), Montgomery Hollow Brook (-101), Trout Brook (-103), are Class B, B(T), B(TS), C and C(T). (December 2000)

Minor Tribs to East Branch Delaware (1403-0043)

No Known Impacts

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-67 thru 98
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 53.4 Miles
Description: total length of selected tribs fr reservoir to Roxbury

Water Class: B(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Fully Supported	Suspected
Recreation	Fully Supported	Known
Aquatic Life	Fully Supported	Known
Fish Consumption	Stressed	Known
Conditions Evaluated		
Habitat/Hydrology	Good	
Aesthetics	Unknown	
Type of Pollutant(s)		
Known:	---	
Suspected:	---	
Unconfirmed:	Nutrients, Pathogens, Silt/Sediment	

Source(s) of Pollutant(s)

Known: ---
Suspected: ---
Unconfirmed: Onsite Septic Systems, Streambank Erosion

Management Information

Management Status: Verification of Pollutants/Causes Needed
Lead Agency/Office: Other/NYCDEP
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Minor tribs to the East Branch Delaware is assessed as having no known impacts; all uses are fully supported.

Use Assessment

This portion of the East Branch Delaware is a Class B(TS) waterbody, suitable for public bathing, general recreation use, support of aquatic life but not as a water supply. This waterbody is 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 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, March 2017)

This waterbody is not included among the waterbody specific health advisories for fish consumption, but since fish can migrate to this waterbody from other waters where such advisories are in place (the Pepacton Reservoir), fish

consumption is evaluated as stressed. (NYSDOH Health Advisories and DEC/DFW, January 2014)

Water Quality Information

A biological (macroinvertebrate) survey of this portion of East Branch Delaware at multiple locations was conducted in 2010, 2011, and 2014 in Margaretville and Roxbury. Sampling at multiple sites indicated non-impacted water quality conditions very good water quality. Such samples are dominated by clean-water species and are most similar to a natural community with minimal human impacts. (DEC/DOW, BWAM/SBU, March 2017)

Source Assessment

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

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This portion of the East Branch Delaware is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. There are no impairments that would justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, March 2017)

Segment DescriptionThis segment includes the total length of selected/smaller tribs to the East Branch Delaware River from/including unnamed trib -67 above the Pepacton Reservoir near Margaretville to trib -98 near Roxbury. Tribs to this reach include Bull Run Creek (-79), Hubble Hill Brook (-83), Lower Bragg Hollow Stream (-88), Hewitt Pond Stream (-90), Meekers Hollow Brook (-93), West Settlement Stream (-94). These tribs are primarily Class C,C(T),C(TS) with some B,B(T),B(TS). Platte Kill (-70), Bush Kill (-80) and Batavia Kill (-84), as well as larger lakes in the watershed are listed separately. (December 2000)

Platte Kill and Tribs (1403-0099)

No Known Impacts

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-70
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 44.3 Miles
Description: entire stream and tribs

Water Class: C(T)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

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	Known
Conditions Evaluated		
Habitat/Hydrology	Good	
Aesthetics	Unknown	
Type of Pollutant(s)		
Known:	---	
Suspected:	---	
Unconfirmed:	---	

Source(s) of Pollutant(s)

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

Management Information

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

Further Details

Overview

The Platte Kill is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

This waterbody is a Class C(T) waterbody, suitable for general recreation and support of aquatic life, but not for public bathing or as a water supply. This waterbody is 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 impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. (DEC/DOW, BWAM/SBU, March 2017)

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) survey of the Platte Kill at multiple locations was conducted in 2011. Sampling results at 23 sites on the stream indicated non-impacted water quality conditions very good water quality. Such samples are dominated by clean-water species and are most similar to a natural community with minimal human impacts. (DEC/DOW, BWAM/SBU, March 2017)

Source Assessment

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

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result, many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This waterbody is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL waters. There appear to be no impacts to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, March 2017)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are primarily Class C(TS), with a small lower portion Class A(TS). Tribs to this reach, including Jones Hollow Brook (-2), Palmer Hollow/Bryants Brook (-4), Canada Falls/Canada Hollow Brook (-4-1), Winters Hollow Brook (-23) are Class C,C(T) and C(TS). (December 2000)

Bush Kill, Lower, and minor tribs (1403-0100)

No Known Impacts

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 9.8 Miles
Description: stream and selected tribs from mouth to Fleischmanns

Water Class: C(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

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

Management Information

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

Further Details

Overview

The Bush Kill is assessed as having no known impacts; all evaluated uses are fully supported.

Use Assessment

The Bush Kill is a Class C(T) waterbody, suitable for general recreation and support of aquatic life use but not for public bathing or as a water supply. This waterbody is 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 impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. (DEC/DOW, BWAM/SBU, March 2017)

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 Bush Kill in Arkville and Fleishmanns was conducted as part of the RIBS biological screening/monitoring 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. (DEC/DOW, BWAM/SBU, March 2017).

Source Assessment

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

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This waterbody is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL waters. There appear to be no impacts to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, March 2017)

Segment Description This segment includes the portion of the stream and selected/smaller tribs from the mouth to Red Kill (-8) near Fleischmanns. The waters of this portion of the stream are Class C(TS). Tribs to this reach, including Little Red Kill (-11) are Class C,C(TS). Dry Brook (-2) and Red Kill (-8) as well as larger lakes in the watershed are listed separately. (December 2000)

Bush Kill, Upper, and minor tribs (1403-0040)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 6 Miles
Description: stream and selected tribs above Fleischmanns

Water Class: B(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
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)

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

Source(s) of Pollutant(s)

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

Management Information

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

Further Details

Overview

This portion of the Bush Kill is assessed as having no known impacts; all evaluated uses are fully supported.

Use Assessment

This portion of the Bush Kill is a class B(TS) waterbody, suitable for public bathing, general recreation use and support of aquatic life but not as a water supply. This waterbody is also designated as a cold water (trout spawning) waterbody.

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 impacts to recreational (fishing) uses, although more specific sampling is necessary to confirm this is the case. (DEC/DOW, BWAM/SBU, March 2017)

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) survey of Bush Kill at multiple sites was conducted in 2010 and 2011. Sampling results at 23 sites on the stream indicated non-impacted water quality conditions.

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. (DEC/DOW, BWAM/SBU, March 2017).

Source Assessment

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

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This waterbody is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL waters. There appear to be no impacts to justify the listing of this waterbody. (DEC/DOW, BWAM/WQAS, March 2017)

Segment Description

This segment includes the portion of the stream and selected/smaller tribs above Red Kill (-8) near Fleischmanns. The waters of this portion of the stream are Class B(TS). Tribs to this reach, including Little Red Kill (-11), are primarily Class B(T). Red Kill (-8), Emory Brook (-12) and Vly Kill (-13) as well as larger lakes in the watershed are listed separately. (December 2000)

Dry Brook and tribs (1403-0041)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80- 2
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 47.3 Miles
Description: entire stream and tribs (except Class AA trib)

Water Class: C(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

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

Management Information

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

Further Details

Overview

Dry Brook is considered to be unassessed. The most recent assessments of the waterbody indicated no known impacts, however that assessment is based on older data and sampling to verify conditions is recommended.

Use Assessment

Dry Brook is a Class C(TS) waterbody, suitable for general recreation use and support of aquatic life but not for public bathing or as a water supply. This 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 needed to verify current conditions. (DEC/DOW, BWAM/SBU, March 2017)

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, May 2010)

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

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. Baseline sampling to evaluate conditions in this waterbody segment is needed. (NYC DEP, October 2002)

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, October 2016)

Segment Description

This segment includes the entire stream and all tribs, except for a Call AA(T) portion of trib -1. The waters of the stream are Class C(TS). Tribs to this reach, including Angus Hollow (-2), Mine Hollow (-3), Rider Hollow Stream (-8), Todd Brook (-8-1), Gill Gully (-8-5), Haynes Hollow Brook (-15), Turner Hollow Brook (-17), Drury Hollow (-18), Flatiron Brook (-20), Shandaken Brook (-21), are primarily Class C,C(T),C(TS). Larger lakes in the watershed are listed separately. (December 2000)

Tributary to Dry Brook (1403-0042)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80- 2-1
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 1.2 Miles
Description: stream above water supply dam

Water Class: AA(T)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

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)

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 is a Class AA(T) waterbody, suitable for water supply, public bathing and 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

This waterbody segment is located within the New York City Water Supply system watershed. As a result, many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities,

as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

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, October 2016)

Segment Description

This segment includes the portion of the stream above the water supply dam. The waters of this portion of the stream are Class AA(T). (December 2000)

Emory Brook and tribs (1403-0106)

No Known Impacts

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80- 2-12
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 3.3 Miles
Description: entire stream

Water Class: B
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Fully Supported	Unconfirmed
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)		
Known:	---	
Suspected:	---	
Unconfirmed:	---	
Source(s) of Pollutant(s)		
Known:	---	
Suspected:	---	
Unconfirmed:	---	

Management Information

Management Status: No Action Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water with Insufficient Data (IR Category 3)

Further Details

Overview

Emory Brook is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

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

Aquatic life is considered to be fully supported based on biological sampling that shows non-impacted conditions. (DEC/DOW, BWAM/SBU, March 2017)

This sampling can also be used to infer that there are no 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, March 2017)

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 Emory Brook and tribs was conducted in Fleischmans as part of the RIBS (biological screening/monitoring) effort in 2009 and 2014

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 the minimal human impacts. Aquatic life community is fully supported. (DEC/DOW, BWAM/SBU,

Source Assessment

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

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result, many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This segment 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, March 17, 2017)

Segment Description

This segment includes the entire portion of the stream, a minor trib of the Bush Kill. The waters of this portion of the stream are Class B. (March 2017)

Furlough Lake, Lake Switzerland (1403-0101)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80- 2-14..P368,P368h
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: Lake/Reservoir 24.9 Acres
Description: total area of both lakes

Water Class: B
Drainage Basin: Delaware River
Reg/County: 3/Ulster (56)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
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.

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.

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 trib 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, October 2016)

Segment Description

This segment includes the entire portion of the lake.

Red Kill and tribs (1403-0105)

No Known Impacts

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80- 8
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 13 Miles
Description: entire stream and tribs

Water Class: B(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Fully Supported	Suspected
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)

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

Source(s) of Pollutant(s)

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

Management Information

Management Status: No Action Needed
Lead Agency/Office: DOW/R3
IR/305(b) Code: Water Supporting All Uses (IR Category 1)

Further Details

Overview

Red Kill and tribs is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

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

Aquatic life is considered to be fully supported based on biological sampling that shows non-impacted conditions. (DEC/DOW, BWAM/SBU, March 2017)

This sampling can also be used to infer that there are no 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, March 2017)

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 this waterbody was conducted in Red Kill as part of the RIBS (biological screening) effort in 2014

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 the minimal human impacts. Aquatic life community is fully supported. (DEC/DOW, BWAM/SBU,

Source Assessment

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

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result, many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This segment 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, March 17, 2017)

Vly Creek and tribs (1403-0044)

No Known Impact

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-80-13
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 31.7 Miles
Description: entire stream and tribs

Water Class: B(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
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)

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

Source(s) of Pollutant(s)

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

Management Information

Management Status: No Action Needed
Lead Agency/Office: DOW/BWAM
IR/305(b) Code: Water Attaining All Uses (IR Category 1)

Further Details

Overview

This waterbody is assessed as having no known impacts; all evaluated uses are considered to be fully supported.

Use Assessment

Vly Creek and tribs is a Class B(TS) waterbody, suitable for public bathing, general recreation use, and support of aquatic life. This waterbody is also designated as a cold water (trout spawning) fishery.

Aquatic life is evaluated as 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. (DEC/DOW, BWAM/SBU, March 2017)

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 Vly Creek in Fleischmanns below Lake Switzerland dam, was conducted

as part of the RIBS 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, March 2017)

Source Assessment

There are no apparent sources of pollutants to the waterbody.

Management Actions

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

Vly Creek and minor tribs 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, March 2017)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class B(TS). Tribs to this reach (not in Forest Preserve Lands), including Brownell Creek (-4), Elk Creek (-5), Turk Hollow (-6), St. Meade Hollow (-7), are primarily Class B(T),B(TS). (December 2000)

Batavia Kill and tribs (1403-0102)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-84
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: River/Stream 25.5 Miles
Description: entire stream and tribs

Water Class: B(TS)
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Fully Supported	Unconfirmed
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)

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

Source(s) of Pollutant(s)

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

Management Information

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

Further Details

Overview

The most recent assessment of this waterbody indicated no known impacts, however that assessment is based on older and limited data and sampling to verify conditions is recommended.

Use Assessment

This waterbody is a Class B(TS) waterbody, suitable for public bathing, general recreation and support of aquatic life, but not as a water supply. The waterbody is also designated as a cold water (trout spawning) 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 needed to verify current conditions. (DEC/DOW, BWAM/SBU, June 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, May 2010)

A biological (macroinvertebrate) assessment of Batavia Kill in Kelly Corners was conducted in 1999. Field sampling results indicated non-impacted water quality conditions. The sample satisfied field screening criteria and was returned to the stream. (DEC/DOW, BWAR/SBU, June 2001)

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

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

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, October 2016)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class B(TS). Tribs to this reach are Class C,C(T),C(TS). (December 2000)

Wawaka Lake (1403-0103)

Unassessed

Waterbody Location Information

Revised: 03/01/2017

Water Index No: D-70-P369a
Hydro Unit Code: Upper East Branch Delaware River (0204010203)
Water Type/Size: Lake/Reservoir 24.2 Acres
Description: entire lake

Water Class: B
Drainage Basin: Delaware River
Reg/County: 4/Delaware (13)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Unassessed	-
Recreation	Unassessed	-
Aquatic Life	Unassessed	-
Fish Consumption	Fully Supported	Unconfirmed
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 to evaluate uses and determine a water quality assessment for this waterbody.

Use Assessment

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

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

Lakes that are completely surround by privately held land with no clear public access nor other broader public use are typically lower priority for NYSDEC Lake sampling efforts. Lake Associations and/or residents are encouraged to learn

more about how to engage in citizen monitoring and general lake management. The Citizen Statewide Lake Assessment Program (CSLAP) is a volunteer lake monitoring program of both public and private lakes. The CSLAP program is managed in partnership with the New York State Federation of Lake Associations (FOLA). A range of 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).

This waterbody segment is located within the New York City Water Supply system watershed. As a result many water quality concerns are being actively monitored and managed by NYC DEP in cooperation with watershed communities, as set forth in the NYC Watershed Agreement. (NYC DEP, October 2002)

Section 303(d) Listing

This trib 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, October 2016)

Segment Description

This segment includes the entire portion of the lake.