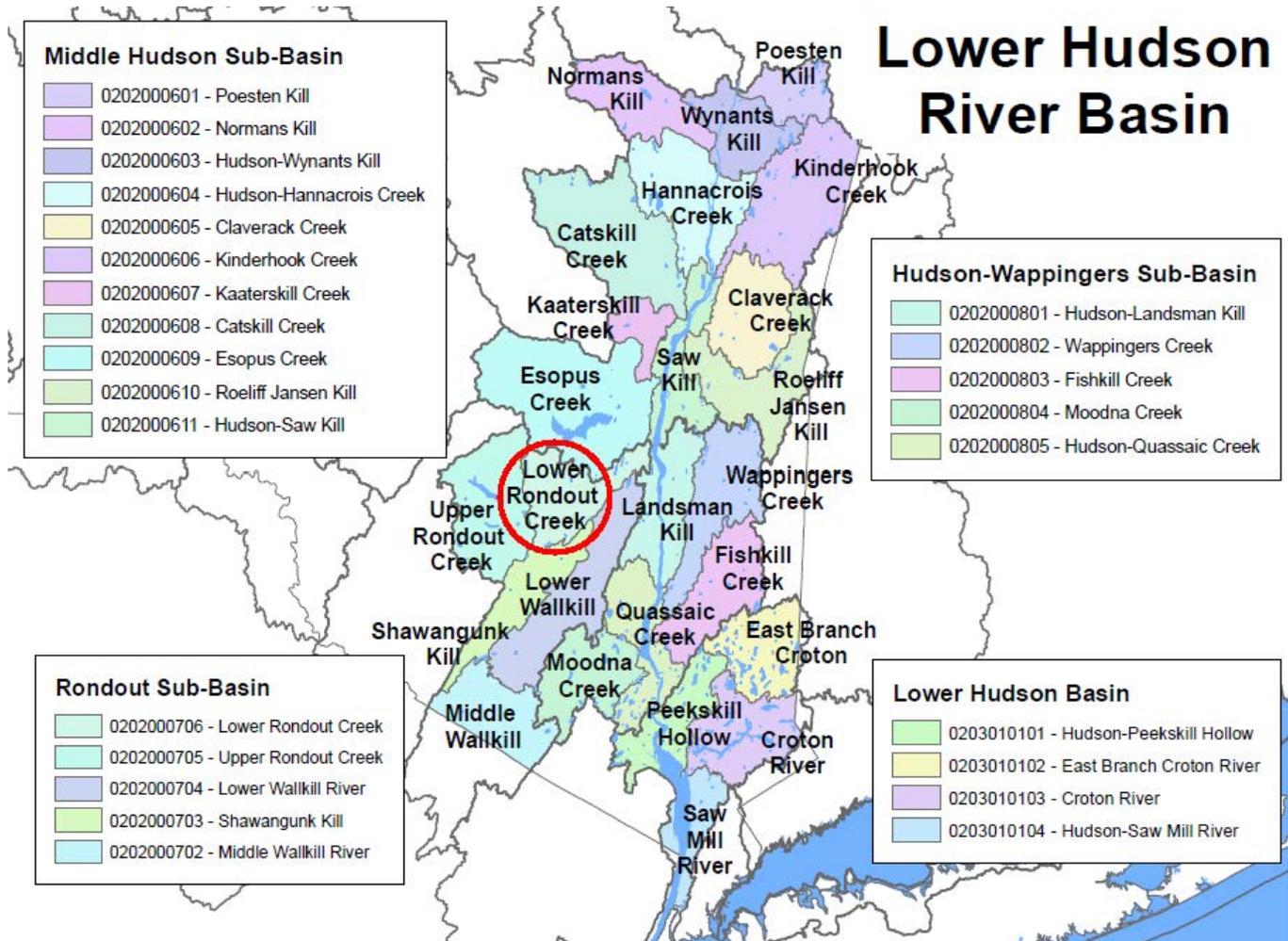


Lower Hudson River Basin



Lower Rondout Creek (0202000706)

Water Index Number

H-139 (portion 1)
H-139 (portion 2)
H-139- 2 thru 6
H-139- 7
H-139- 7-P449
H-139- 7-P449-
H-139- 7-P449-P452,P452,P452a
H-139-14 (portion 1)
H-139-14 (portion 2)
H-139-14 (portion 3)/P812
H-139-14 (portion 4)
H-139-14- 4 thru 33 (selected)
H-139-14- 5-P769
H-139-14- 5-P770
H-139-14- 9
H-139-14- 9- 3..P774

Waterbody Name

Rondout River, Lower, Main Stem (1306-0030)
Rondout River, Lower, Main Stem (1306-0031)
Minor Tribs to Lower Rondout River
(1306-0032) DeWitt Lake Outlet and tribs
(1306-0033) DeWitt Lake (1306-0034)
Tribs to DeWitt Lake (1306-0035)
Third, First Binnewater Lakes, Twin Lk (1306-0036)
Rondout Creek, Middle, Main Stem (1306-0088)
Rondout Creek, Middle, and minor tribs(1306-0089)
Honk Lake (1306-0090)
Rondout Creek, Middle, and tribs (1306-0091)
Minor Tribs to Middle Rondout Creek (1306-0093)
Williams/Fifth Binnewater Lake (1306-0094)
Fourth Binnewater Lake (1306-0095)
Coxing Kill and tribs (1306-0096)
Mohonk Lake (1306-0097)

Category

UnAssessed
UnAssessed
UnAssessed
UnAssessed
UnAssessed
UnAssessed
UnAssessed
UnAssessed
NoKnownImpact
NoKnownImpact
UnAssessed
NoKnownImpact
UnAssessed
UnAssessed
UnAssessed
NoKnownImpact
UnAssessed

H-139-14- 9-P775	Lake Minnewaska (1306-0098)	UnAssessed
H-139-14-12	Kripplebush Creek and tribs (1306-0099)	NoKnownImpct
H-139-14-16	Peters Kill and tribs (1306-0100)	NoKnownImpct
H-139-14-16- 2-P780	Mud Pond (1306-0101)	UnAssessed
H-139-14-16-P781	Lake Awosting (1306-0102)	UnAssessed
H-139-14-18	North Peters Kill, Lower, and tribs (1306-0103)	NoKnownImpct
H-139-14-18	North Peters Kill, Upper, and tribs (1306-0104)	UnAssessed
H-139-14-18-P783	Lyonsville Pond (1306-0105)	UnAssessed
H-139-14-19	Stony Kill and tribs (1306-0106)	UnAssessed
H-139-14-20	Rochester Creek and minor tribs (1306-0107)	NoKnownImpct
H-139-14-20- 2	Mill Brook and tribs (1306-0108)	Need Verific
H-139-14-20- 5- 1-P788	Roosa Lake (1306-0109)	UnAssessed
H-139-14-35	Vernoy Kill, Upper, and tribs (1306-0110)	NoKnownImpct
H-139-14-35- 1-P789a	Lyons Lake (1306-0111)	UnAssessed
H-139-14-37	Unnamed Trib to Rondout, Upp, and tribs(1306-0112)	UnAssessed
H-139-14-38	Sandburg Creek, Lower, and tribs (1306-0113)	NoKnownImpct
H-139-14-38	Sandburg Creek, Upper, and tribs (1306-0114)	UnAssessed
H-139-14-38- 1,-5,-6	Shingle Gully, North/South Gully, tribs (1306-0115)	UnAssessed
H-139-14-38- 3	Beer Kill and minor tribs (1306-0116)	NoKnownImpct
H-139-14-38- 3- 1	West Branch Beer Kill and tribs (1306-0117)	NoKnownImpct
H-139-14-38- 3- 1- 5-P792	Cranberry Lake (1306-0118)	UnAssessed
H-139-14-38- 3- 4-P799	Upper Ulster Lake (1306-0119)	UnAssessed
H-139-14-38- 3-P797a	Ulster Lake (1306-0120)	UnAssessed
H-139-14-38- 9	Leuren Kill and tribs (1306-0121)	UnAssessed
H-139-14-38-14	Homowack Kill and tribs (1306-0122)	NoKnownImpct
H-139-14-38-20-3-P806a	Katz Pond (1306-0123)	UnAssessed
H-139-14-38-P807	Silver/Woods Lake (1306-0124)	UnAssessed
H-139-14-40	Brandy Brook and tribs (1306-0125)	UnAssessed

Rondout Creek, Middle, and minor tribs (1306-0089) NoKnownImpct

Waterbody Location Information

Revised: 12/13/2007

Water Index No: H-139-14 (portion 2) **Drain Basin:** Lower Hudson River
Hydro Unit Code: **Str Class:** C(T)
Waterbody Type: River **Reg/County:** 3/Ulster Co. (56)
Waterbody Size: 9.2 Miles **Quad Map:** KERHONKSON (N-23-3)
Seg Description: stream and select tribs, from Wawarsing to Honk Lake

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) survey of Rondout Creek at multiple sites between Rosendale and Peekamoose was conducted in 2002. Sampling results indicated non-impacted to slightly impacted water quality conditions along the stream. An assessment of the stream in East Wawarsing (at Port Ben Road) on this reach of the Rondout was assessed as slightly impacted. This decline relative to conditions upstream is attributed to upstream municipal discharges from the Ellenville (via Sandburg Creek) and Napanoch WWTPs. Agricultural impacts may also contribute to the slight decline. However although results at this site represent a decline from very high water quality upstream, nutrient biotic evaluation determined the effects on the fauna at the East Wawarsing site to be minor. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (Rondout Creek Biological Assessment Report, Bode, et al., DEC/DOW, BWAM/SBU, October 2003)

Segment Description

This segment includes the portion of the stream and all tribs from Vernooy Kill (-35) to Honk Lake (P812). The waters of this portion of the stream are Class C(T). Tribs to this reach/segment are primarily Class C; with one small reach Class B(T). Vernooy Kill, Honk Lake, Sandburg Creek (-38) and other reaches of the Rondout are listed separately.

Rondout Creek, Middle, and tribs (1306-0091)

NoKnownImpct

Waterbody Location Information

Revised: 12/13/2007

Water Index No: H-139-14 (portion 4) **Drain Basin:** Lower Hudson River
Hydro Unit Code: **Str Class:** C(TS)
Waterbody Type: River **Reg/County:** 3/Ulster Co. (56)
Waterbody Size: 5.1 Miles **Quad Map:** RONDOUT RESERVOIR (N-23-4)
Seg Description: stream and tribs, from Honk Lake to Rondout Reservoir

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

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) survey of Rondout Creek at multiple sites between Rosendale and Peekamoose was conducted in 2002. Sampling results indicated non-impacted to slightly impacted water quality conditions along the stream. An assessment of the stream in Lackawack (at Sportsman Road) on this reach of the Rondout fell within the range of non-impacted. No noticeable impoundment effects were noted in the sample; in fact, the fauna at this site indicated the highest water quality in the creek with all metrics well into the range indicating non-impacted conditions. Aquatic life is considered to be fully supported in the stream, and there are not other indications of impacts to uses. (Rondout Creek Biological Assessment Report, Bode, et al., DEC/DOW, BWAM/SBU, October 2003)

Segment Description

This segment includes the portion of the stream and all tribs from Honk Lake (P812) to Merriman Dam at Rondout Reservoir. The waters of this portion of the stream are Class C(TS). There are no tribs to this reach/segment. Honk Lake, Brandy Brook (-40) and other reaches of the Rondout are listed separately.

Coxing Kill and tribs (1306-0096)

NoKnownImpct

Waterbody Location Information

Revised: 12/13/2007

Water Index No: H-139-14- 9
Hydro Unit Code: **Str Class:** C(T)
Waterbody Type: River
Waterbody Size: 23.5 Miles
Seg Description: entire stream and tribs
Drain Basin: Lower Hudson River
Reg/County: 3/Ulster Co. (56)
Quad Map: ROSENDALE (N-24-3)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of Coxing Kill in High Falls (at School Hill Road) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The sample was dominated by clean-water mayflies, stoneflies, caddisflies and hellgrammites. Aquatic life is considered to be fully supported in the stream, and there are no other apparent water quality impacts. (DEC/DOW, BWAM/SBU, December 2004)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C(T). Tribs to this reach/segment, including Mossy Brook (-3), are Class C.

Kripplebush Creek and tribs (1306-0099)

NoKnownImpct

Waterbody Location Information

Revised: 12/13/2007

Water Index No: H-139-14-12
Hydro Unit Code: Str Class: C(T)
Waterbody Type: River
Waterbody Size: 29.0 Miles
Seg Description: entire stream and tribs
Drain Basin: Lower Hudson River
Reg/County: 3/Ulster Co. (56)
Quad Map: MOHONK LAKE (N-24-4)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of Kripplebush Creek in Kripplebush (at Route 209) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. However the identified impacts are likely due to poor habitat composed largely of gravel and negligible current. The sample, though sparse, was dominated by clean-waters mayflies. Aquatic life is considered to be fully supported in the stream, and there are no other apparent water quality impacts. (DEC/DOW, BWAM/SBU, December 2004)

Segment Description

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

Mill Brook and tribs (1306-0108)

Need Verific

Waterbody Location Information

Revised: 12/12/2007

Water Index No: H-139-14-20- 2 **Drain Basin:** Lower Hudson River
Hydro Unit Code: **Str Class:** A(TS)
Waterbody Type: River **Reg/County:** 3/Ulster Co. (56)
Waterbody Size: 33.4 Miles **Quad Map:** KERHONKSON (N-23-3)
Seg Description: entire stream and tribs

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Suspected

Type of Pollutant(s)

Known: - - -
Suspected: NUTRIENTS (phosphorus)
Possible: - - -

Source(s) of Pollutant(s)

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

Resolution/Management Information

Issue Resolvability: 1 (Needs Verification/Study (see STATUS))
Verification Status: 1 (Waterbody Nominated, Problem Not Verified)
Lead Agency/Office: DOW/BWAM **Resolution Potential:** Medium
TMDL/303d Status: n/a

Further Details

Overview

Aquatic life support in Mill Brook may experience minor impacts due to nutrient enrichment. Nonpoint sources are the suspected source.

Water Quality Sampling

A biological (macroinvertebrate) assessment of Mill Brook in Mill Hook (at Round Valley Resort) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. The fauna contained many clean-water mayflies, but was dominated by filter feeding caddisflies. Further sampling is necessary to determine if impacts rise to the level of stressed water quality. Nonetheless, aquatic life support is considered to be fully supported in the stream. (DEC/DOW, BWAM/SBU, June 2005)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class A(TS). Tribs to this reach/segment are Class A(T).

Vernoy Kill, Upper, and tribs (1306-0110)

NoKnownImpct

Waterbody Location Information

Revised: 12/12/2007

Water Index No: H-139-14-35 **Drain Basin:** Lower Hudson River
Hydro Unit Code: **Str Class:** A(TS)
Waterbody Type: River **Reg/County:** 3/Ulster Co. (56)
Waterbody Size: 28.3 Miles **Quad Map:** KERHONKSON (N-23-3)
Seg Description: stream and tribs, above Wawarsing

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

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of Vernoy Kill in Wawarsing (at Route 209) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The fauna was diverse and all screening criteria for waters having no known impacts were met. Lab analysis to the family level confirmed this field assessment. (DEC/DOW, BWAM/SBU, June 2005)

Segment Description

This segment includes the portion of the stream and all tribs above/including Lyon Creek (-1). The waters of this portion of the stream are Class A(TS). Tribs to this reach/segment, including Lyon Creek and West Branch Vernoy Kill (-4), are Class A,A(T). Lower Vernoy Kill is included with Minor Tribs to Rondout Creek.

Sandburg Creek, Lower, and tribs (1306-0113)

NoKnownImpct

Waterbody Location Information

Revised: 12/12/2007

Water Index No: H-139-14-38 **Drain Basin:** Lower Hudson River
Hydro Unit Code: **Str Class:** B(T)
Waterbody Type: River **Reg/County:** 3/Ulster Co. (56)
Waterbody Size: 13.7 Miles **Quad Map:** ELLENVILLE (O-23-1)
Seg Description: stream and tribs, from mouth to Spring Glen

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

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of Sandburg Creek in Ellenville (at Canal Street) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The fauna was dominated by mayflies and all metrics were within the range for assessment as non-impacted. (DEC/DOW, BWAM/SBU, June 2005)

Segment Description

This segment includes the portion of the stream and selected/smaller tribs from the mouth to Homowack Kill (-14) in Spring Glen. The waters of this portion of the stream are Class B(T),B(TS). Tribs to this reach/segment, including Fantine Kill (-2), Lower North Gully (-55), Lower South Gully (-6), are Class B,B(T). Shingle Gully (-2), Beer Kill (-3), Upper North Gully (-5), Upper South Gully (-6) and Leuren Kill (-9) are listed separately.

West Branch Beer Kill and tribs (1306-0117)

NoKnownImpct

Waterbody Location Information

Revised: 12/12/2007

Water Index No: H-139-14-38- 3- 1
Hydro Unit Code: Str Class: B(TS)
Waterbody Type: River
Waterbody Size: 25.4 Miles
Seg Description: entire stream and tribs
Drain Basin: Lower Hudson River
Reg/County: 3/Ulster Co. (56)
Quad Map: ELLENVILLE (O-23-1)

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

Type of Pollutant(s)

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

Source(s) of Pollutant(s)

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

Resolution/Management Information

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

Further Details

Water Quality Sampling

A biological (macroinvertebrate) assessment of West Beer Kill in Ellenville (at Old Greenfield Road) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The fauna was diverse and all screening criteria for waters having no known impacts were met. Results from lab processing to the family level confirmed this field assessment. (DEC/DOW, BWAM/SBU, June 2005)

Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class B(TS). Tribs to this reach/segment, including Braden Brook (-6) are Class B,B(T).

