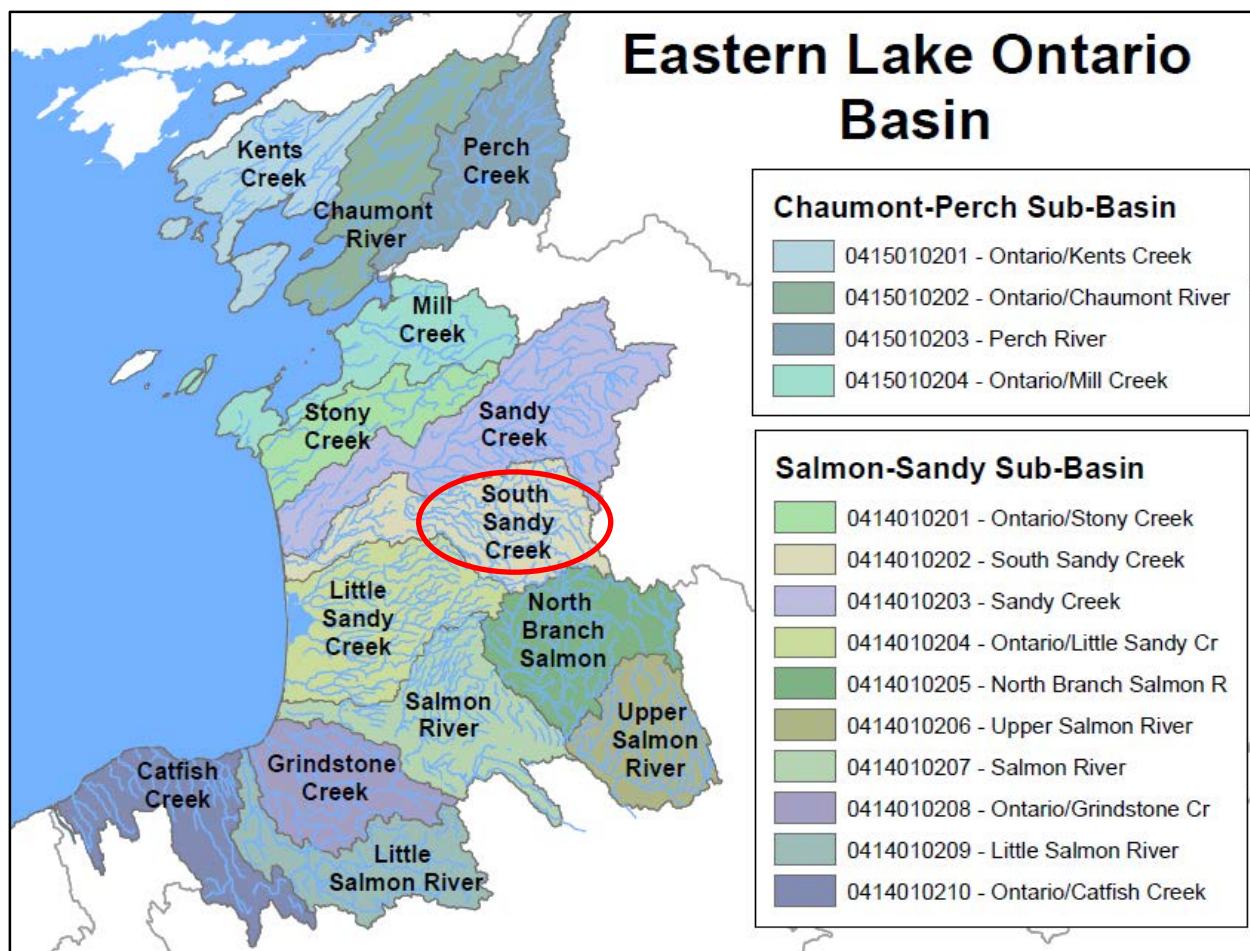




South Sandy Creek Watershed (0414010202)

Water Index Number	Waterbody Segment	Category
Ont 45	South Sandy Creek, Low, and minor tribs (0303 0021)	NoKnownImpct
Ont 45	South Sandy Creek, Upp, and minor tribs (0303 0053)	NoKnownImpct
Ont 45 1 P1037b	Goose Pond (0303 0054)	UnAssessed
Ont 45 4	Bear Creek and tribs (0303 0055)	UnAssessed
Ont 45 9	Raystone Creek and minor tribs (0303 0056)	NoKnownImpct
Ont 45 9 2	Fox Creek and tribs (0303 0057)	UnAssessed
Ont 46 P1039a,P1039b	North Colwell Pond, South Colwell Pond (0303 0058)	UnAssessed

South Sandy Creek, Low, and minor tribs (0303-0021) NoKnownImpct

Waterbody Location Information

Revised: 04/13/2007

Water Index No:	Ont 45	Drain Basin:	Lake Ontario
Hydro Unit Code:	04140102/080	Str Class:	C(T)
Waterbody Type:	River	Reg/County:	6/Jefferson Co. (23)
Waterbody Size:	44.6 Miles	Quad Map:	ADAMS (F-16-3)
Seg Description:	stream and select tribs, from mouth to Giddingsville		

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

NYSDEC Rotating Intensive Basin Studies (RIBS) Intensive Network monitoring of South Sandy Creek in Ellisburg, Jefferson County, (at Jocelyn Road) was conducted in 2003. Intensive Network sampling typically includes macroinvertebrate community analysis, water column chemistry, sediment and invertebrate tissues analysis and toxicity evaluation. During this sampling the biological (macroinvertebrate) sampling results indicated non-impacted water quality conditions. The fauna was dominated by clean-water mayflies. Water column sampling revealed no substances to be parameters of concern. Bottom sediment sampling results revealed no contaminants to be exceeding levels of concern. Toxicity testing of the water column showed no significant mortality or reproductive impacts. (DEC/DOW, BWAM/RIBS, January 2005)

A biological (macroinvertebrate) assessment of South Sandy Creek in Ellisburg (at Joslyn Street) was also conducted in 2002 during the Biological Screening effort in the basin. Sampling results also indicated non-impacted water quality conditions with a fauna dominated by clean-water mayflies. The species richness metric for this sample was considered to be non-representative due to the influence of bedrock substrate, but other metrics indicated good water quality. These results are consistent with field assessments in 1996 that revealed a diverse fauna of mayflies, stoneflies, caddisflies, beetles and hellgrammites. (DEC/DOW, BWAM/SBU, June 2005)

The Jefferson County WQCC is also involved with water quality activities on the stream, maintaining routine water quality monitoring on the creek. The most recent analysis of this sampling data indicates the overall water quality of the Sandy Creek to be quite good with relatively low levels of nutrients and dissolved oxygen levels and other conditions adequate to support a desirable and healthy aquatic community. (Analysis of the Existing Water Quality Database for the Sandy and South Sandy Creek Watersheds - 1997 to 2005, Jefferson County WQCC, October 2006)

The Tug Hill Commission is also involved in resource protection efforts in the Sandy and South Sandy Creeks Watershed. The commission assists local governments in the region in protecting natural resources of the Tug Hill while also providing opportunities of economic development. The commission is currently undertaking an ecosystem-based management demonstration project in the watershed. This numerous components of this project include Invasive species control, forestry practices, agricultural riparian corridor restoration and fishery habitat improvements. (Tug Hill Commission, December 2006)

This segment includes the portion of the stream and selected/smaller tribs from the mouth to Raystone Creek (-9) in Giddingsville. The waters of this portion of the stream are Class C,C(T). Tribs to this reach/segment, including Taylor Brook (-5), are also Class C,C(T). Bear Creek (-4), Raystone Creek (-9) and Upper South Sandy Creek are listed separately.

South Sandy Creek, Upp, and minor tribs (0303-0053) NoKnownImpct

Waterbody Location Information

Revised: 04/13/2007

Water Index No:	Ont 45	Drain Basin:	Lake Ontario
Hydro Unit Code:	04140102/080	Str Class:	C(T)
Waterbody Type:	River	Reg/County:	6/Jefferson Co. (23)
Waterbody Size:	160.4 Miles	Quad Map:	RODMAN (F-17-4)
Seg Description:	stream and select tribs, above Giddingsville		

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

A biological (macroinvertebrate) assessment of South Sandy Creek in Allendale (at Route 189) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The fauna was dominated by clean-water mayflies. (DEC/DOW, BWAM/SBU, June 2005)

The Jefferson County WQCC is also involved with water quality activities on the stream, maintaining routine water quality monitoring on the creek. The most recent analysis of this sampling data indicates the overall water quality of the Sandy Creek to be quite good with relatively low levels of nutrients and dissolved oxygen levels and other conditions adequate to support a desirable and healthy aquatic community. (Analysis of the Existing Water Quality Database for the Sandy and South Sandy Creek Watersheds - 1997 to 2005, Jefferson County WQCC, October 2006)

The Tug Hill Commission is also involved in resource protection efforts in the Sandy and South Sandy Creeks Watershed. The commission assists local governments in the region in protecting natural resources of the Tug Hill while also providing opportunities of economic development. The commission is currently undertaking an ecosystem-based management demonstration project in the watershed. This numerous components of this project include Invasive species control, forestry practices, agricultural riparian corridor restoration and fishery habitat improvements. (Tug Hill

Commission, December 2006)

This segment includes the portion of the stream and selected/smaller tribs above Raystone Creek (-9) in Giddingsville. The waters of this portion of the stream are Class C,C(T). Tribs to this reach/segment, including Abijah Creek (-15) and Clora Creek (-18), are Class C,C(T),C(TS). Raystone Creek (-9) and Lower South Sandy Creek are listed separately.

Raystone Creek and minor tribs (0303-0056)

NoKnownImpct

Waterbody Location Information

Revised: 04/13/2007

Water Index No:	Ont 45- 9	Drain Basin:	Lake Ontario
Hydro Unit Code:	04140102/080	Str Class:	C
Waterbody Type:	River	Reg/County:	6/Jefferson Co. (23)
Waterbody Size:	25.1 Miles	Quad Map:	ADAMS (F-16-3)
Seg Description:	entire stream and select tribs		

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

A biological (macroinvertebrate) assessment of Raystone Creek in Giddingsville (at Lemay Road) was conducted in 2002. Sampling results indicated non-impacted water quality conditions. The fauna included many species of clean-water mayflies, stoneflies and caddisflies. (DEC/DOW, BWAM/SBU, June 2005)

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C. Tribs to this reach/segment, including Upper Raystone Creek (-5), are also/primarily Class C,C(T),C(TS). Fox Creek (-2) is listed separately.