

## Library Reference 1.2

Summary of the New York State 2010 Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy (June, 2010) for Onondaga Lake, Tributaries, and Seneca River. Complete 303(d) list is attached.

(Changes from the 2008 List are noted as: **Blue** = additions; **Red** = deletions)

Water body	Type	Class	Cause/Pollutant	Source	Year
<u>Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Cause/Pollutant):</u>					
* Seneca River, Lower, Main Stem (0701-0001)	River	C	D.O./Oxygen Demand	InvSpp, Agric.	1998
Seneca River, Lower, Main Stem (0701-0008)	River	C	D.O./Oxygen Demand	InvSpp, Agric.	1998
<u>Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption):</u>					
Onondaga Lake, northern end (0702-0003)	Lake	B	Dioxin	Contam. Sed.	1998
			Mercury	Contam. Sed.	1998
			PCBs, other toxics	Contam. Sed.	1998
Onondaga Lake, southern end (0702-0021) <sup>84</sup>	Lake	C	Dioxin	Contam. Sed.	1998
			Mercury	Contam. Sed.	1998
			PCBs, other toxics	Contam. Sed.	1998
<u>Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Impairment):</u>					
Seneca River (0701-0008)	River	C	Pathogens	On-site WTS	1998
Onondaga Creek, Middle, and tribs (0702-0004)	River	B	Turbidity	Streambank Erosion	2008
Onondaga Creek, Upper, and tribs (0702-0024)	River	C	Turbidity	Streambank Erosion	2008
<u>Waterbodies for which TMDL Development May be Deferred (Pending Implementation/Evaluation of Other Restoration Measures):</u>					
Onondaga Lake Outlet <sup>102</sup> (0702-0020)	River	B	D.O./Oxygen Demand	Muni, Urban	2008
Onondaga Lake, southern end <sup>102</sup> (0702-0021)	Lake	C	Pathogens	CSOs, Muni, Urban	2008
Minor Tribs to Onondaga Lake <sup>102</sup> (0702-0022)	River	C	Pathogens	CSOs, Muni, Urban	2008
			Nutrients (Phosphorus)	CSOs, Muni, Urban	2008
			<b>Nitrogen (NH<sub>3</sub>, NO<sub>2</sub>)</b>	CSOs, Muni, Urban	2008
			Cyanide	CSOs, Muni, Urban	2008
Bloody Brook and tribs <sup>102</sup> (0702-0006)	River	C*	Pathogens	Muni, Urban	2008
Ley Creek and tribs <sup>102</sup> (0702-0001)	River	C*	Pathogens	Muni, Urban	2008
			Nutrients (phosphorus)	CSOs, Muni, Urban	1998
			Ammonia (NH <sub>3</sub> )	CSOs, Muni, Urban	1998
			Cyanide	Muni, Urban	2008
			<b>Unknown Toxicity</b>	<b>Muni, Urban</b>	<b>2006</b>

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(Changes from the 2008 List are noted as: **Blue** = additions; **Red** = deletions)

Water body	Type	Class	Cause/Pollutant	Source	Year
<b>Waterbodies for which TMDL Development May be Deferred (Pending Implementation/Evaluation of Other Restoration Measures): (continued)</b>					
Onondaga Creek, lower <sup>102</sup> (0702-0023)	River	C	Pathogens	CSOs, Muni, Urban	2008
			Nutrients (phosphorus)	CSOs, Muni, Urban	1998
			Ammonia (NH <sub>3</sub> )	CSOs, Muni, Urban	1998
			<del>Unknown Toxicity</del>	<del>CSOs, Muni, Urban</del>	<del>2006</del>
Onondaga Creek, Middle and tribs <sup>102</sup> (0702-0004)	River	B	Pathogens	CSOs, Muni, Urban	2008
			Nutrients (phosphorus)	CSOs, Muni, Urban	2008
			Ammonia (NH <sub>3</sub> )	CSOs, Muni, Urban	2008
			<del>Unknown toxicity</del>	<del>CSOs, Muni, Urban</del>	<del>2008</del>
Harbor Brook, Lower and tribs <sup>102</sup> (0702-0002)	River	B	Pathogens	CSOs, Muni, Urban	2008
			Nutrients (phosphorus)	CSOs, Muni, Urban	1998
			Ammonia (NH <sub>3</sub> )	CSOs, Muni, Urban	1998
Ninemile Creek, Lower and tribs <sup>102</sup> (0702-0005)	River	C	Pathogens	Muni, Urban	2008
			Nutrients (phosphorus)	Muni, Urban	1998
Geddes Brook and tribs <sup>102</sup> (0702-0007)	River	C	Ammonia (NH <sub>3</sub> )	Muni, Urban	1998

### Other Impaired Waterbody Segments Not Listed Because Development of a TMDL is Not Necessary:

Onondaga Lake, northern end (0702-0003)	Lake	B	Phosphorus	Muni	4a/1998
Onondaga Lake, southern end (0702-0021)	Lake	C	Phosphorus	Muni	4a/1998
Onondaga Creek, Lower (0702-0023)	River	C	Other/Habitat	Habitat Modification	4c
Onondaga Creek, Middle, and tribs (0702-0004)	River	B	Other/Habitat	Habitat Modification	4c
Harbor Brook, Lower, and tribs (0702-0002)	River	B	Other/Habitat	Habitat Modification	4c

### 2010 Waterbody/Pollutant Delistings (Waters/Pollutants listed in 2008, but that are NOT included in the 2010 Section 303(d) List)

<b>Ley Creek and tribs (0702-0001)</b>	<b>River</b>	<b>C*</b>	<b>Unknown Toxicity</b>	<b>Muni, Urban</b>	<b>P.C.</b>
<b>Onondaga Creek, Lower (0702-0023)</b>	<b>River</b>	<b>C</b>	<b>Unknown Toxicity</b>	<b>CSOs, Muni, Urban</b>	<b>P.C.</b>
<b>Onondaga Creek, Middle, and tribs (0702-0004)</b>	<b>River</b>	<b>B</b>	<b>Unknown Toxicity</b>	<b>CSOs, Muni, Urban</b>	<b>P.C.</b>

*P.C. Pollutant Change: Three waterbodies above were delisted for "Unknown Toxicity" because other specific causes/pollutants (pathogens, nutrients, ammonia) have been subsequently identified.*

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(Changes from the 2008 List are noted as: **Blue** = additions; **Red** = deletions)

Water body	Type	Class	Cause/Pollutant	Source	Year
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Notes:

Abbreviations: InvSpp – invasive species; Agric. – Agriculture; Contam. Sed. – Contaminated Sediment; Muni – municipal source; Urban – Urban runoff; CSOs – Combined Sewer Overflows; On-site WTS – On-site wastewater treatment system.

\* Denotes High Priority Waters, scheduled for TMDL/restoration strategy development and submission for approval to USEPA within the next two years.

4a - indicates Category 4a - TMDL development is not necessary because a TMDL has already been established for the segment/pollutant.

4c - indicates Category 4c - TMDL is not appropriate because the sole impairment is the result of pollution, rather than a pollutant that can be allocated through a TMDL.

**<sup>84</sup> - As noted at the beginning of Part 2b, fish consumption advisories/impairments for Part 2b waters extend into and include tributary (and downstream) waters to the first impassable barrier. There is some evidence that contamination of fish in Ley Creek extends beyond this barrier, though there is no separate waterbody-specific health advisory for the creek. Consequently, this listing should be considered as including all of Ley Creek.**

<sup>102</sup> - Many impairments to these waters are being addressed through the efforts of the Onondaga Lake Partnership. Onondaga Lake and some of its tribs (Ley Creek, Onondaga Creek, Harbor Brook) have or will also benefit from actions related to the Onondaga Lake Amended Consent Judgement.

## **2010 Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy**

Presented here is the *Final New York State 2010 Section 303(d) List of Impaired/ TMDL Waters*. The list identifies those waters that do not support appropriate uses and that require development of a Total Maximum Daily Load (TMDL) or other restoration strategy. A Response Summary for public comments received concerning the previously issued Draft List is also available.

The Federal Clean Water Act requires states to periodically assess and report on the quality of waters in their state. Section 303(d) of the Act also requires states to identify *Impaired Waters*, where specific designated uses are not fully supported. For these Impaired Waters, states must consider the development of a *Total Maximum Daily Load (TMDL)* or other strategy to reduce the input of the specific pollutant(s) that restrict waterbody uses, in order to restore and protect such uses. An outline of the process used to monitor and assess the quality of New York State waters is contained in the New York State *Consolidated Assessment and Listing Methodology (CALM)*. The CALM describes the water quality assessment and Section 303(d) listing process in order to improve the consistency of assessment and listing decisions.

The waterbody listings in the New York State Section 303(d) List are grouped into a number of categories. The various categories, or Parts, of the list are outlined below.

### **Final 2010 Section 303(d) List of Impaired Waters Requiring a TMDL**

#### *Part 1 Individual Waterbody Segments with Impairments Requiring TMDL Development*

These are waters with verified impairments that are expected to be addressed by a segment/pollutant-specific TMDL.

#### *Part 2 Multiple Segment/Categorical Waterbody Impairments Requiring TMDL Development*

These are groups of waters affected by similar causes/sources where a single TMDL may be able to address multiple waters with the same issue. Part 2 is subdivided into:

- a) Waters Impaired by Atmospheric Deposition (acid rain)
- b) Waters Impaired by Fish Consumption Advisories
- c) Waters Impaired by Shellfishing Restrictions

#### *Part 3 Waterbodies Requiring Verification of Impairment or Cause/Pollutant*

These are waters where scheduling of TMDL development may be deferred pending verification of either the suspected impairment or the cause/pollutant related to the impairment. Part 3 is subdivided into:

- a) Waterbody Impairments Requiring Verification
- b) Verified Waterbody Impairments Requiring Verification of Cause/Pollutants
- c) Waterbody Segments Being Addressed Through Other Restoration Measures

Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain)

Appendix B - Listed Waterbodies Not Meeting Dissolved Oxygen Standards

### **Impaired/Delisted Waters NOT Included on the NYS 2010 Section 303(d) List**

Not all impaired waters of the state are included on the Section 303(d) List. By definition, the List is to be comprised of impaired waters *that require development of a Total Maximum Daily Load (TMDL) plan*. Although separate from the NYS 2010 Section 303(d) List, a compilation of waterbody/pollutants representing those impairments that are not included on the List provides additional information toward understanding listing decisions and clarifies how impairments are considered.

### **Waterbody Segments Not Listed Because TMDL is Not Necessary (separate list)**

A list of *Other Impaired Waterbody Segments Not Listed (on 303(d) List) Because Development of a TMDL is Not Necessary* is available to facilitate the review of Section 303(d) List. The purpose of this supplement is to provide a more comprehensive inventory of waters of the state that do not fully support designated uses and that are considered to be impaired.

Section 303(d) of the Clean Water Act stipulates that impaired waters that do not require a TMDL are not to be included on the Section 303(d) List. There are three (3) justifications for not including an impaired water on the Section 303(d) List:

Category 4a Waters - TMDL development is not necessary because a TMDL has already been established for the segment/pollutant.

Category 4b Waters - TMDL is not necessary because other required control measures are expected to result in restoration in a reasonable period of time.

Category 4c Waters - TMDL is not appropriate because the impairment is the result of pollution, rather than a pollutant that can be allocated through a TMDL.

### **2010 Waterbody/Pollutant Delistings (separate list)**

A separate list of water/pollutant combinations that were included on the previous (2008) Section 303(d) List, but that are NOT included on the 2010 List is also available. This listing provides some linkage and continuity between the previous and proposed new Lists. The specific reason why a waterbody/pollutant no longer appears on the List (i.e., delisting action, reassessment, re-segmentation, etc.) is included in this document. Some of these waters (those that have been delisted but that remain *Impaired*) also appear on the list of *Other Impaired Waterbody Segments Not Listed Because Development of a TMDL is Not Necessary*.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
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### 2010 Section 303d List of Impaired Waters

Segments and/or pollutants listed in **Bold Type** are new listings; i.e., they were not included in the previous (2008) Section 303(d) List.

\* Denotes High Priority Waters, scheduled for TMDL/restoration strategy development and submission for approval to USEPA within the next two years.

#### Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
	<u>Niagara River/Lake Erie Drainage Basin</u>						
Ont 158- 6	Gill Creek and tribs (0101-0002)	Niagara	River	C	Aquatic Toxicity	Urban Runoff, Contam. Sed	2004
Ont 158- 8-1	Bergholtz Creek and tribs (0101-0004)	Niagara	River	C	Phosphorus	Urban Runoff	2004
					Pathogens	Urban Runoff	2004
Ont 158-12- 6	Ransom Creek, Lower, and tribs (0102-0004)	Erie	River	C	D.O./Oxygen Demand	Onsite WTS	2004
					Pathogens	Onsite WTS	2004
Ont 158-12- 6	Ransom Creek, Upper, and tribs (0102-0027)	Erie	River	C(T)	D.O./Oxygen Demand	Onsite WTS	2004
					Pathogens	Onsite WTS	2004
Ont 158-13	Two Mile Creek and tribs (0101-0005)	Erie	River	B	Floatables	CSOs	2004
					D.O./Oxygen Demand	CSOs, Municipal	2004
					Pathogens	CSOs, Municipal	2004
Ont 158-15	Scajaquada Creek, Lower, and tribs (0101-0023)	Erie	River	B	Floatables	CSOs, Urban Runoff	2004
					D.O./Oxygen Demand	CSOs, Urban Runoff	2004
					<b>Phosphorus</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
					Pathogens	CSOs, Urban Runoff	2004
<b>Ont 158-15</b>	<b>Scajaquada Creek, Middle, and tribs (0101-0033)</b>	<b>Erie</b>	<b>River</b>	<b>C</b>	<b>Floatables</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
					<b>D.O./Oxygen Demand</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
					<b>Phosphorus</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
					<b>Pathogens</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
<b>Ont 158-15</b>	<b>Scajaquada Creek, Upper, and tribs (0101-0034)</b>	<b>Erie</b>	<b>River</b>	<b>B</b>	<b>D.O./Oxygen Demand</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
					<b>Phosphorus</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
					<b>Pathogens</b>	<b>CSOs, Urban Runoff</b>	<b>2010</b>
<b>Ont 158-E (portion 5)</b>	<b>Lake Erie (Northeast Shoreline) (0104-0036)</b>	<b>Erie</b>	<b>G.Lakes</b>	<b>B</b>	<b>Pathogens</b>	<b>Urban/Storm Runoff</b>	<b>2010</b>
<b>Ont 158-E (portion 6)</b>	<b>Lake Erie (Main Lake, North) (0104-0037)</b>	<b>Erie</b>	<b>G.Lakes</b>	<b>A-Spcl</b>	<b>Pathogens</b>	<b>Urban/Storm Runoff</b>	<b>2010</b>
<b>Ont 158-E (portion 7)</b>	<b>Lake Erie (Main Lake, South) (0105-0033)</b>	<b>Chautauq</b>	<b>G.Lakes</b>	<b>A-Spcl</b>	<b>Pathogens</b>	<b>Urban/Storm Runoff</b>	<b>2010</b>
Ont 158-E (portion 7a)	Lake Erie, Dunkirk Harbor (0105-0009)	Chautauqua	G.Lakes	B	Pathogens	Urban/Storm Runoff	2004
<b>Ont 158..E- 2- 1-P81b</b>	<b>Green Lake (0101-0038)</b>	<b>Erie</b>	<b>Lake</b>	<b>B</b>	<b>Phosphorus</b>	<b>Urban Runoff</b>	<b>2010</b>
Ont 158..E- 3	Rush Creek and tribs (0104-0018)	Erie	River	C	Pathogens	CSOs, Urban Runoff, Munic	2004
					Phosphorus	CSOs, Urban Runoff, Munic	2004
Ont 158..E-23-P152	Java Lake (0104-0004)	Wyoming	Lake	B	Phosphorus	Onsite WTS	2004
	<u>Allegheny River Drainage Basin</u>						
Pa-63-13- 4	* Chadakoin River and tribs (0202-0018)	Chautauqua	River	C	Phosphorus	Munic/Ind, Urb Runoff	2008
Pa-63-13- 4-P122	* Chautauqua Lake, South (0202-0020) <sup>1</sup>	Chautauqua	Lake	A	Phosphorus	Agriculture	2004
Pa-63-13- 4-P122	* Chautauqua Lake, North (0202-0072) <sup>1</sup>	Chautauqua	Lake	A	Phosphorus	Agriculture	2004

<sup>1</sup> Impairments to Chautauqua Lake have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
	<u>Lake Ontario (Minor Tribs) Drainage Basin</u>						
Ont (portion 14)	Lake Ontario Shoreline, Central (0302-0044)	Wayne	G.Lakes	A	Pathogens	Urban/Storm Runoff	2010
Ont (portion 16)	Rochester Embayment - East (0302-0002)	Monroe	G.Lakes	A	Pathogens	Urban/Storm Runoff	2010
Ont (portion 17)	Rochester Embayment - West (0301-0068)	Monroe	G.Lakes	A	Pathogens	Urban/Storm Runoff	2008
Ont 80/P89	* Port Bay (0302-0012)	Wayne	Lake	B	Phosphorus	Agric, Municipal	2002
Ont 122-P153	* Buck Pond (0301-0017)	Monroe	Lake	B	Phosphorus	Urban/Storm Runoff	2002
Ont 123-P154	* Long Pond (0301-0015)	Monroe	Lake	B	Phosphorus	Urban/Storm Runoff	2002
Ont 123-P154- 2-P155	* Cranberry Pond (0301-0016)	Monroe	Lake	B	Phosphorus	Urban/Storm Runoff	2002
	<u>Genesee River Drainage Basin</u>						
Ont 117 (portion 1)	* Genesee River, Lower, Main Stem (0401-0001)	Monroe	River	B	Phosphorus Pathogens Silt/Sediment	various, multiple sources various, multiple sources various, multiple sources	2004 2004 2004
Ont 117 (portion 2)	* Genesee River, Middle, Main Stem (0401-0003)	Monroe	River	B	D.O./Oxygen Demand Phosphorus	Agriculture Agriculture	2004 2004
Ont 117- 19	* Black Creek, Lower, and minor tribs (0402-0033)	Monroe	River	C	Phosphorus	Agric, Municipal	2004
Ont 117- 19	* Black Creek, Upper, and minor tribs (0402-0048)	Genesee	River	C	Phosphorus	Agric, Municipal	2004
Ont 117- 27-P57	Honeoye Lake (0402-0032)	Ontario	Lake	AA	Phosphorus	Agric, Onsite WTS	2002
Ont 117- 40-P67	Conesus Lake (0402-0004)	Livingston	Lake	AA	D.O./Oxygen Demand Phosphorus	Agric, Onsite WTS Agriculture	2002 2006
Ont 117- 66- 8- 2	<b>Bradner Creek and tribs (0404-0020)</b>	<b>Livingston</b>	<b>River</b>	<b>C</b>	<b>Phosphorus</b>	<b>Agriculture</b>	<b>2010</b>
Ont 117- 70-P115	* Silver Lake (0403-0002)	Wyoming	Lake	A	Phosphorus	Agriculture	1998
	<u>Chemung River Drainage Basin</u>						
Pa 3-58-31- 7-P66	Smith Pond (0502-0012)	Steuben	Lake	B	Phosphorus	Onsite WTS	2008
	<u>Susquehanna River Drainage Basin</u>						
SR- 44-14-27-P35a	* Whitney Point Lake/Reservoir (0602-0004)	Broome	Lake	C	Phosphorus	Agriculture	2002
<b>SR-146- 69</b>	<b>North Winfield Creek and tribs (0601-0035) <sup>2</sup></b>	<b>Herkimer</b>	<b>River</b>	<b>C(T)</b>	<b>Pathogens</b>	<b>Onsite WTS,</b>	<b>2010</b>
	<u>Oswego River (Finger Lakes) Drainage Basin</u>						
Ont 66- 3-P9	Lake Neatahwanta (0701-0018)	Oswego	Lake	B	Nutrients (phosphorus)	Urban/Storm Runoff	1998
Ont 66-11-P26-33- 5	Canastota Creek, Lower, and tribs (0703-0002)	Madison	River	C	D.O./Oxygen Demand Pathogens	Municipal, CSOs Municipal, CSOs	2008 2008
Ont 66-11-P26-37- 6- 2	Limestone Creek, Lower, and minor tribs (0703-0008)	Onondaga	River	C	D.O./Oxygen Demand Pathogens	Municipal Municipal	2008 2008

<sup>2</sup> This listing replaces/corrects the previous listing for Unadilla River, Upper, Main Stem (0601-0037). The water quality problems cited in the previous listing are limited to North Winfield Creek; consequently, this is a more appropriate listing for this impairment.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
	<u>Oswego River (Finger Lakes) Drainage Basin</u> (con't)						
Ont 66-12-43-P212	Owasco Lake (0706-0009)	Cayuga	Lake	AA(T)	Pathogens	Wildlife/Other Sources	1998
Ont 66-12-43-P212-28	* Owasco Inlet, Upper, and tribs (0706-0014)	Cayuga	River	C(T)	Nutrients	Municipal/Agric	2008
Ont 66-12-P296 (portion 4)	* Cayuga Lake, Southern End (0705-0040)	Tompkins	Lake	A	Phosphorus Silt/Sediment Pathogens	Municipal, NPS Municipal, NPS Municipal, NPS	2002 2002 2008
	<u>Black River Drainage Basin</u>						
Ont 19- 51	Mill Creek/South Branch, and tribs (0801-0200)	Lewis	River	C	Nutrients Pathogens	Agriculture Agriculture	2008 2008
	<u>Saint Lawrence River Drainage Basin</u>						
<b>SL- 1 (portion 1)</b>	<b>Raquette River, Lower, and minor tribs (0903-0059)</b>	<b>St.Lawrence</b>	<b>River</b>	<b>B</b>	<b>Pathogens</b>	<b>Onsite WTS</b>	<b>2010</b>
SL-25- 7- P1	* Black Lake Outlet, Black Lake (0906-0001) <sup>3</sup>	St.Lawrence	Lake	B	Nutrients (phos)	Agriculture	1998
SL-25- 7/P1- 2	<b>Fish Creek and minor tribs (0906-0026)</b>	St.Lawrence	River	C	<b>Nutrients (phos)</b>	<b>OWTS/San Discharge</b>	<b>2010</b>
SL-25-101	<b>Little River and tribs (0905-0090)</b>	St.Lawrence	River	C(T)	<b>Priority Organics</b>	<b>Indust/Landfill</b>	<b>2010</b>
	<u>Lake Champlain Drainage Basin</u>						
C	Cumberland Bay (1001-0001)	Clinton	Bay	B	D.O./Oxygen Demand	Industr, Contam.Sed.	2002
C- 3 (portion 2)	Great Chazy River, Lower, Main Stem (1002-0001)	Clinton	River	A	Silt/Sediment	Agric, Erosion	2002
C-101-P367	Lake George (1006-0016) and tribs <sup>4</sup>	Warren	Lake	AAspl	Silt/Sediment	Urb/Storm, Erosion	2002
C-101-P367-1 thru 26	Tribs to Lake George, East Shore (1006-0020) <sup>4, 5</sup>	Warren	River	AAspl	Silt/Sediment	Urb/Storm, Erosion	2002
C-101-P367-32 thru 41	Tribs to Lake George, Lk.George Village (1006-0008) <sup>4, 6</sup>	Warren	River	AAspl	Silt/Sediment	Urb/Storm, Erosion	2002
C-101-P367-53,56	Huddle/Finkle Brooks and tribs (1006-0003) <sup>4, 7</sup>	Warren	River	AAspl	Silt/Sediment	Urb/Storm, Erosion	2002
C-101-P367-59	Indian Brook and tribs (1006-0002) <sup>4</sup>	Warren	River	AAspl	Silt/Sediment	Urb/Storm, Erosion	2002
C-101-P367-86	Hague Brook and tribs (1006-0006) <sup>4</sup>	Warren	River	AAspl	Silt/Sediment	Urb/Storm, Erosion	2002
<b>C-134- 4</b>	<b>Wood Cr/Champlain Canal and tribs (1005-0036)</b>	<b>Washington</b>	<b>River</b>	<b>C</b>	<b>D.O./Oxygen Demand</b> <b>Phosphorus</b> <b>Pathogens</b>	<b>Municipal, SSOs</b> <b>Municipal, SSOs</b> <b>Municipal, SSOs</b>	<b>2010</b> <b>2010</b> <b>2010</b>

<sup>3</sup> Impairments in Black Lake have been verified. Consequently this listing has been moved to Part 1 from Part 3a. Segment was previously listed as Black Lake.

<sup>4</sup> The Restoration Strategy/TMDL effort to address silt/sediment loads to Lake George will be a comprehensive, lake-wide watershed effort and will consider additional lake tributaries that provide significant silt/sediment loads to the lake. The initial strategy focused on Finkle Brook and was public noticed for comment in 2005.

<sup>5</sup> The specifically identified impaired water(s) in this segment include Foster Brook (-11).

<sup>6</sup> The specifically identified impaired water(s) in this segments include East Brook (-37), West Brook (-38), Prospect Mountain Brook (-39), English Brook (-41).

<sup>7</sup> The specifically identified impaired water(s) in this segment include Finkle Brook (-56).



Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
H-260- 6	<u>Upper Hudson River Drainage Basin</u> Dwaas Kill and tribs (1101-0007)	Saratoga	River	C(T)	Phosphorus	Urban Runoff, Constr.	2006
H-265	Schuyler Creek and tribs (1101-0093)	Saratoga	River	C(T)	Silt/Sediment	Urban Runoff, Constr.	2006
					Phosphorus	Sanitary Discharge	2008
					D.O./Oxygen Demand	Sanitary Discharge	2008
					Pathogens	Sanitary Discharge	2008
H-299-P27-13- 1-P30-	Tribs to Lake Lonely (1101-0001)	Saratoga	River	C	Phosphorus	Municipal, Urb/Storm	2006
					D.O./Oxygen Demand	Municipal, Urb/Storm	2006
					Pathogens	Municipal, Urb/Storm	2006
<u>Mohawk River Drainage Basin</u>							
H-240 (portion 12)	Mohawk River, Main Stem (1201-0093) <sup>8</sup>	Herkimer	River	C	Floatables	CSOs, Urban, Ind/Munic	2004
					Pathogens	CSOs, Urban, Ind/Munic	2004
					D.O./Oxygen Demand	CSOs, Urban, Ind/Munic	2004
H-240 (portion 12b)	Utica Harbor (1201-0228)	Oneida	Bay	C	Floatables	CSOs, Urban, Ind/Munic	2004
					Pathogens	CSOs, Urban, Ind/Munic	2004
					D.O./Oxygen Demand	CSOs, Urban, Ind/Munic	2004
H-240 (portion 13)	Mohawk River, Main Stem (1201-0010)	Oneida	River	B	Floatables	CSOs, Urban, Ind/Munic	2004
					Pathogens	CSOs, Urban, Ind/Munic	2004
					D.O./Oxygen Demand	CSOs, Urban, Ind/Munic	2004
H-240- 11-P496/P498	* Ann Lee (Shakers) Pond, Stump Pond (1201-0096)	Albany	Lake	C	Phosphorus	Urban Runoff	1998
H-240- 22-P519	Collins Lake (1201-0077)	Schenectady	Lake	B	Phosphorus	Urban Runoff	2004
H-240- 82-P638a	Schoharie Reservoir (1202-0012)	Greene	Lake(R)	AA(TS)	Silt/Sediment	Streambank Erosion	1998
H-240- 82- 63	Cobleskill Creek, Lower, and tribs (1202-0019)	Schoharie	River	C	Pathogens	Onsite WTS	2004
H-240- 82- 63-19-9-P589	Engleville Pond (1202-0009)	Schoharie	Lake	A	Phosphorus	Agriculture	2004
H-240-187-	Steele Creek tribs (1201-0197)	Herkimer	River	A(TS)	Phosphorus	Agric, Stream Erosion	2004
					Silt/Sediment	Agric, Stream Erosion	2004
H-240-211,214	Ballou, Nail Creeks (1201-0203)	Oneida	River	C	D.O./Oxygen Demand	CSOs, Urban Runoff	2004
					Phosphorus	CSOs, Urban Runoff	2004
H-240-227	* Ninemile Creek, Lower, and tribs (1201-0014)	Oneida	River	B(T)	Pathogens	Onsite WTS	2004

<sup>8</sup> In previous Lists, this listing had included the note that the segment included the lower half-mile of Starch Factory Creek (1201-0067) due to impairments from a CSO discharge to the creek. However this CSO has since been eliminated and as a result it is no longer necessary to include this portion of the creek with this listing.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
H- 4	<u>Lower Hudson River Drainage Basin</u> Saw Mill River (1301-0007)	Westchester	River	various	Floatables D.O./Oxygen Demand Phosphorus Pathogens	Urban Runoff Urban/Storm, San.Dschgs Urban/Storm, San.Dschgs Urban/Storm, San.Dschgs	1998 2010 2010 2010
H- 4	Saw Mill River, Middle, and tribs (1301-0100) <sup>9</sup>	Westchester	River	various	D.O./Oxygen Demand Phosphorus Pathogens	Urban/Storm, San.Dschgs Urban/Storm, San.Dschgs Urban/Storm, San.Dschgs	2010 2010 2010
H- 13	Sparkill Creek, Lower (1301-0088)	Rockland	River	C	D.O./Oxygen Demand Pathogens	Urban/Storm Runoff Urban/Storm Runoff	2010 2010
H- 31-P44-14-P50- 2-P50a	Lake Shenorock (1302-0083)	Westchester	Lake	B	Phosphorus	Urban/Storm Runoff	2010
H- 31-P44-17-5-P57a	Lake Lincolndale (1302-0089) <sup>10</sup>	Westchester	Lake	B	Phosphorus	Onsite WTS, Urban	2002
H- 31-P44-23-P59- 6-P62a	Lake Carmel (1302-0006) <sup>11</sup>	Putnam	Lake	B	Phosphorus	Onsite WTS	2002
H- 31-P44-35-P109- 6-13-P115a	Truesdale Lake (1302-0054)	Westchester	Lake	B	Phosphorus	Urban/Storm Runoff	2010
H- 31-P44-54-P128a	Teatown Lake (1302-0150)	Westchester	Lake	B	Phosphorus	Urban/Storm Runoff	2010
H- 49a-P160	Lake Meahagh (1301-0053) <sup>12</sup>	Westchester	Lake	C	Phosphorus	Onsite WTS, Urban	2002
H- 55- 1-P165	Wallace Pond (1301-0140)	Westchester	Lake	B	Phosphorus	Urban/Storm Runoff	2010
H- 55-11-P179	Lake Mohegan (1301-0149)	Westchester	Lake	B	Phosphorus	Urban/Storm Runoff	2010
H- 94- 6-P340	Orange Lake (1301-0008)	Orange	Lake	B	Phosphorus	Onsite WTS, Urban	2010
H- 95-10-P345g	Hillside Lake (1304-0001)	Dutchess	Lake	B	Phosphorus	Onsite WTS	2002
H-101-P365	* Wappingers Lake (1305-0001) <sup>13</sup>	Dutchess	Lake	B	Phosphorus Silt/Sediment	Urban/Storm Runoff Urban/Storm Runoff	1998 2002
H-114	Fallkill Creek (1301-0087) <sup>14</sup>	Dutchess	River	C	Phosphorus	Urban/Storm Runoff	2002
H-139-13-52	Monhagen Brook and tribs (1306-0074)	Orange	River	C	Phosphorus	Urban/Storm Runoff	2010

<sup>9</sup> The new additional Saw Mill River segments are the result of re-segmenting the previously listed Saw Mill River segment (1301-0007) into three separate segments.

<sup>10</sup> Impairments in Lake Lincolndale have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>11</sup> Impairments in Lake Carmel have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>12</sup> Impairments in Lake Meahagh have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>13</sup> Impairments in Wappingers Lake have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>14</sup> Impairments in Fallkill Creek have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
	<u>Lower Hudson Drainage Basin</u> (con't)						
H-171-P848	Ashokan Reservoir (1307-0004)	Ulster	Lake(R)	AA(T)	Silt/Sediment	Streambank Erosion	2002
H-171-P848-	Esopus Creek, Upper, and minor tribs (1307-0007) <sup>15</sup>	Ulster	River	A(T)	Silt/Sediment	Streambank Erosion	1998
H-188-P902	Robinson Pond (1308-0003) <sup>16</sup>	Columbia	Lake	B(T)	Phosphorus	Agriculture	1998
H-193-29-P950a	* Basic Creek Reservoir (1309-0001) <sup>17</sup>	Albany	Lake(R)	A	Phosphorus	Agriculture	2002
H-202-P8f	Sleepy Hollow Lake (1301-0059)	Greene	Lake	A	Silt/Sediment	Streambank Erosion	2002
H-204- 2- 7-P24	* Kinderhook Lake (1310-0002)	Columbia	Lake	B	Phosphorus	Agric, On-site WTS	2002
<b>H-204- 2- 7-P34</b>	<b>Nassau Lake (1310-0001)</b>	<b>Rensselaer</b>	<b>Lake</b>	<b>B</b>	<b>Phosphorus</b>	<b>Onsite WTS, Urban</b>	<b>2010</b>
H-221- 4- 3	Krumkill Creek, Upper, and tribs (1311-0004) <sup>18</sup>	Albany	River	A	Aquatic Toxicity	Urban Runoff/CSOs	2002
<b>H-221- 4-P270- 1- 9-P276a</b>	<b>Duane Lake (1311-0006)</b>	<b>Schenectady</b>	<b>Lake</b>	<b>B</b>	<b>Phosphorus</b>	<b>Onsite WTS, Urban</b>	<b>2010</b>
H-226	Patroon Creek and tribs (1301-0030) <sup>19</sup>	Albany	River	C	D.O./Oxygen Demand	Urban/Storm/CSOs	2002
H-2228a thru 237	Minor Tribs to West of Hudson (1301-0027) <sup>20, 21</sup>	Albany	River	D>C	Aquatic Toxicity	Industrial	2002
H-235-11-P377	Snyders Lake (1301-0043)	Rensselaer	Lake	B	Phosphorus	Oxygen Demand Sed.	2002
	<u>Delaware River Drainage Basin</u>						
<b>D-71-10- 6-P388,P389</b>	<b>Fly Pond, Deer Lake (1404-0038)</b>	<b>Broome</b>	<b>Lake</b>	<b>B</b>	<b>Phosphorus</b>	<b>Onsite WTS</b>	<b>2010</b>
	<u>Ramapo/Hackensack River Basin</u>						
<b>NJ- 1/P977a-13-P984,P984a</b>	<b>Congers Lake, Swartout Lake (1501-0019)</b>	<b>Rockland</b>	<b>Lake</b>	<b>B</b>	<b>Phosphorus</b>	<b>Urban/Storm Runoff</b>	<b>2010</b>

<sup>15</sup> A restoration strategy/TMDL for this segment will be developed in conjunction with the Schoharie Reservoir strategy/TMDL.

<sup>16</sup> Impairments in Robinson Pond have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>17</sup> Impairments in Basic Creek Reservoir have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>18</sup> Impairments in Krumkill Creek have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>19</sup> Impairments in Patroon Creek have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

<sup>20</sup> Formerly listed as Kromma Kill (1301-0027). The specifically identified impaired water(s) in this segment include Kromma Kill (-234).

<sup>21</sup> Impairments in Kromma Kill have been verified. Consequently this listing has been moved to Part 1 from Part 3a.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
	<u>Atlantic Ocean/Long Island Sound Drainage Basin</u>						
(MW1.2) SI (portion 1)	* Arthur Kill, Class I, and minor tribs (1701-0010)	Richmond	Estuary	I	Floatables <sup>22</sup>	Urban/Storm/CSO	2002
(MW1.2) SI (portion 3)	* Newark Bay (1701-0183)	Richmond	Estuary	SD	Floatables <sup>22</sup>	Urban/Storm/CSO	2002
(MW1.2) SI (portion 4)	* Kill Van Kull (1701-0184)	Richmond	Estuary	SD	Floatables <sup>22</sup>	Urban/Storm/CSO	2002
(MW1.2) SI..P1039,P1051,P1053	Grassmere, Arbutus and Wolfes Lakes (1701-0357)	Richmond	Lake	B	Phosphorus	Onsite WTS, Urban	2002
(MW2.3) ER-1-5-P1043	Van Cortlandt Lake (1702-0008)	Bronx	Lake	B	Phosphorus	Urban Runoff	2002
(MW2.4) ER-3	Bronx River, Upper, and tribs (1702-0107)	Westchester	River	C	D.O./Oxygen Demand	Urb/Storm Runoff	2002
					Pathogens	Urb/Storm Runoff	2004
(MW2.5) ER/LIS-LNB	Little Neck Bay (1702-0029) <sup>23</sup>	Queens	Estuary	SB	Pathogens	Urban/Storm/CSO	1998
(MW3.1) LIS (portion 2a)	* Larchmont Harbor (1702-0116)	Westchester	Estuary	SB	Floatables	Urb/Storm, Municipl	2002
					Pathogens	Urb/Storm, Municipl	2002
(MW3.2) LIS- 2	Hutchinson River, Middle, and tribs (1702-0074)	Westchester	River	B	Oil/Grease	Urb/Storm, Industr	2002
					D.O./Oxygen Demand	Urb/Storm, Industr	2002
					Pathogens	Urb/Storm, Industr	2002
(MW3.3) LIS (portion 2b)	* Mamaroneck Harbor (1702-0125)	Westchester	Estuary	SB	Floatables	Urb/Storm, Municipl	2002
					Pathogens	Urb/Storm, Municipl	2002
(MW3.3) LIS- 8	Mamaroneck River, Lower (1702-0071)	Westchester	River	SC	D.O./Oxygen Demand	Urb/Storm Runoff	2002
					Silt/Sediment	Urb/Storm Runoff	2002
(MW3.3) LIS- 8	Mamaroneck River, Upp, & minor tribs (1702-0123)	Westchester	River	C	D.O./Oxygen Demand	Urb/Storm Runoff	2002
					Silt/Sediment	Urb/Storm Runoff	2002
(MW3.3) LIS- 8- 1	Sheldrake River (1702-0069)	Westchester	River	C	Phosphorus	Urb/Storm Runoff	2002
					Silt/Sedimnt	Urb/Storm Runoff	2002
(MW3.4) LIS (portion 2c)	* Milton Harbor (1702-0063)	Westchester	Estuary	SB	Floatables	Urb/Storm, Municipl	2002
					Pathogens	Urb/Storm, Municipl	2002
(MW3.4) LIS-11	Blind Brook, Lower (1702-0062)	Westchester	River	SC	Silt/Sediment	Urb/Storm Runoff	2002
(MW3.4) LIS-11	Blind Brook, Upper, and tribs (1702-0130)	Westchester	River	C	Silt/Sediment	Urb/Storm Runoff	2002
(MW3.6) LIS (portion 2d)	* Port Chester Harbor (1702-0260)	Westchester	Estuary	SB	Floatables	Urb/Storm, Municipl	2002
					Pathogens	Urb/Storm, Municipl	2002
(MW4.2b) LIS-MB (portion 2)	Manhasset Bay, and tidal tribs (1702-0141)	Nassau	Estuary	SB	Pathogens	Urb/Storm Runoff	2002
(MW4.3a) LIS-HH	Hempstead Harbor, south, & tidal tribs (1702-0263)	Nassau	Estuary	SB	Pathogens	Urb/Storm Runoff	2002
(MW4.3a) LIS-HH-38	Glen Cove Creek, Lower, and tribs (1702-0146)	Nassau	Estuary	SC	Pathogens	Urb/Storm, Mun/Ind	2002
					Silt/Sediment	Urb/Storm, Mun/Ind	2002

<sup>22</sup> A New York City CSO Abatement Program and NYCDEP Catch Basin Hooding Program are in place. Similar efforts to address floatables from New Jersey are necessary to restore water uses.

<sup>23</sup> This listing had been included in Part 3c of the 2008 List. The listing has been moved to Part 1 since it was subsequently determined that actions included in the 2005 NYC CSO Order will not fully address this particular impairment.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)</b>							
	<u>Atlantic Ocean/Long Island Sound Drainage Basin</u> (con't)						
(MW5.3) LIS-62-P296	Millers Pond (1702-0013)	Suffolk	Lake	C	D.O./Oxygen Demand	Urban/Storm Runoff	2002
					Phosphorus	Urban/Storm Runoff	2002
(MW6.1d) GB..GPB-P495	Mattituck or Marratooka Pond (1701-0129)	Suffolk	Lake	A	Metals	Urb/Storm Runoff	2002
					D.O./Oxygen Demand	Urb/Storm Runoff	2002
					Pathogens	Urb/Storm Runoff	2002
					Phosphorus	Urb/Storm Runoff	2002
(MW7.2a) AO-MB-168a thru 175	Tidal Tribs to West Moriches Bay (1701-0312) <sup>24</sup>	Suffolk	Estuary	SC	Pathogens	Urb/Storm, Agric,OWTS	2006
					Nitrogen	Urb/Storm, Agric,OWTS	2006
					D.O./Oxygen Demand	Urb/Storm, Agric,OWTS	2006
(MW7.5) AO-GSB-185-P889	Canaan Lake (1701-0018)	Suffolk	Lake	B(T)	Phosphorus	Urb/Storm Runoff	2002
					Silt/Sediment	Urb/Storm Runoff	2002
(MW7.7) AO-GSB-193..P304	Lake Ronkonkoma (1701-0020)	Suffolk	Lake	B	Pathogens	Urb/Storm Runoff	2002
					Phosphorus	Urb/Storm Runoff	2002
(MW7.8) AO-GSB-194	Champlin Creek, Upper, and tribs (1701-0019)	Suffolk	River	C(TS)	Thermal Changes	Urb/Storm Runoff	2002
(MW8.2a) EB-224 thru 227	LI Tribs, fresh to East Bay (1701-0204)	Nassau	River	C	Silt/Sediment	Urb/Storm Runoff	2002
					Phosphorus	Urb/Storm Runoff	2002
(MW8.3a) MDB-228	East Meadow Brook, Upper, and tribs (1701-0211)	Nassau	River	C	Silt/Sediment	Urb/Storm Runoff	2002
(MW8.4) HB	Hempstead Bay (1701-0032)	Nassau	Estuary	SA	Nitrogen	Municipl, Urb/Storm Runoff	2006
(MW8.4a) HB-233-P1005..P1012	Hempstead Lake (1701-0015)	Nassau	Lake	C	Phosphorus	Urban/Storm Runoff	2002
(MW8.4a) HB-235-P1017a	Grant Park Pond (1701-0054)	Nassau	Lake	C	Phosphorus	Urban/Storm Runoff	1998
(MW8.5b) JB	Jamaica Bay, Eastern, and tribs, Queens (1701-0005)	Queens	Estuary	SB	Nitrogen	Urban/CSO,Municipl	2002
					D.O./Oxygen Demand	Urban/CSO,Municipl	2002
(MW8.5b) JB-247	Bergen Basin (1701-0009)	Queens	Estuary	I	Nitrogen	Urban/CSO,Municipl	2006
					D.O./Oxygen Demand	Urban/CSO,Municipl	2002
(MW8.6) JB-249a	Hendrix Creek (1701-0006)	Kings	Estuary	I	Nitrogen	Urban/CSO,Municipl	1998
					D.O./Oxygen Demand	Urban/CSO/Municipl	1998

<sup>24</sup> Includes Upper Forge River, which is the trib of primary concern. The Lower Forge River is included in *Part 2c - Shellfishing Waters* portion of the list.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition)</b>							
Might be addressed by a waterbody specific TMDL or a pollutant/source specific TMDL or other strategy to attain water quality standards.							
<u>Black River Drainage Basin</u>							
Ont 19- 40 (portion 7)/P431,P434	Soft Maple Pond, Soft Maple Reservoir (0801-0173) <sup>25</sup>	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40 (portion 10)	Beaver River, Upper, and tribs (0801-0210) <sup>26</sup>	Herkimer	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 40- 7-P416,P417	Lower, Upper West Pond (0801-0284)	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-10-4-P419,P286	Goose Pond, Meister Pond (0801-0286)	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-15-4-P436	* Sand Pond (0801-0055)	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-18-3-P441,P442	* Crooked Lake, McCabe Pond (0801-0144) <sup>27</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-18..P443 thru P448	* Pepperbox Pond, Spring Ponds, Tied Lake (0801-0076) <sup>28</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-19-P456 thru P459	* Minor Lakes Trib to Three Mile Cr Wshed (0801-0453) <sup>29</sup>	Herkimer	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19-40-20-P473,P474	* Sunday Lake, Sunday Creek Reservoir (0801-0195) <sup>30</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	2008
Ont 19-40-22-P479 thru P492	* Minor Lakes Trib to Moshier Creek (0801-0039) <sup>31</sup>	Herkimer	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493- 2-P494,P496	* Shallow Pond, Raven Lake (0801-0107)	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493- 2-P498	* Lyons Lake (0801-0109) <sup>32</sup>	Herkimer	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493- 3-P499	* Slim Pond (0801-0125)	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493- 4-P500	* Evergreen Lake (0801-0110) <sup>33</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>25</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P432).

<sup>26</sup> The specifically identified impaired water(s) in this segment include Sunday Creek (-20); the Beaver River is not considered to be impaired.

<sup>27</sup> The specifically identified impaired water(s) in this segment also include Ikeis Pond (P438).

<sup>28</sup> The specifically identified impaired water(s) in this segment include Lower Spring Pond (P444).

<sup>29</sup> The specifically identified impaired water(s) in this segment include unnamed pond (P456a), unnamed pond (P457) and Bear Pond (P459).

<sup>30</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P474b) and unnamed pond (P476).

<sup>31</sup> The specifically identified impaired water(s) in this segment include Cropsey Pond (P480), unnamed pond (P484a), Deer Pond (P485), unnamed pond (P488), unnamed pond (P490) and Upper Moshier Pond (P491).

<sup>32</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P497).

<sup>33</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P501).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
	<u>Black River Drainage Basin</u> (con't)						
Ont 19- 40-P493- 5-P502/6-P505	* Peaked Mtn. Lake, Hidden Lake (0801-0111) <sup>34</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493- 6..P508.P511	* Ginger Pond, Soda Pond (0801-0126) <sup>35</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493- 6-P515	* Dismal Pond (0801-0065) <sup>36</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493..P522 thru P535	* Minor Lakes Trib to Red Horse Creek (0801-0068) <sup>37</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-19-P547 thru P565	* Minor Lakes Trib to Shingle Shanty Brook (0801-0149) <sup>38</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-21- 1-P568	Rose Pond (0801-0308) <sup>39</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-21-1-P570	* Terror Lake (0801-0018)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-21-P571	* East Pond (0801-0066)	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-32	Twitchell Creek and tribs (0801-0211)	Herkimer	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 40-P493-32-P578 thru 587	* Minor Lakes Trib to Twitchell Creek (0801-0077) <sup>40</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-32-15-P580	Silver Lake (0801-0150)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 40-P493-32-P584	Twitchell Lake (0801-0165)	Herkimer	Lake	A(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 57- 5-P608,P610,P615	* Evies Pond, Long Lake, Fish Pond (0801-0323) <sup>41</sup>	Lewis	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 57- 7-P628,P630	* Trout Pond, Bill's Pond (0801-0127) <sup>42</sup>	Lewis	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>34</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P506).

<sup>35</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P510).

<sup>36</sup> The specifically identified impaired water(s) in this segment also include unnamed ponds (P512, P513, P516).

<sup>37</sup> The specifically identified impaired water(s) in this segment include East Higby Twins Pond (P522), West Higby Twins Pond (P523), Mud Pond (P524), unnamed pond (P526), Summit Pond (P527) and Wilder Pond (P531).

<sup>38</sup> The specifically identified impaired water(s) in this segment include Fly Pond West (P558).

<sup>39</sup> The specifically identified impaired water(s) in this segment include unnamed pond (P569); Rose Pond is not considered to be impaired.

<sup>40</sup> The specifically identified impaired water(s) in this segment include Pocket Pond (P581).

<sup>41</sup> The specifically identified impaired water(s) in this segment include Cork Pond (P607), Spectacle Pond West (P611), Spectacle Pond East (P612) and Mahan Pond (P613); Evies Pond, Long Lake, Fish Pond are not considered to be impaired..

<sup>42</sup> The specifically identified impaired water(s) in this segment also include Stewart Pond (P627).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
<u>Black River Drainage Basin (con't)</u>							
Ont 19- 57- 9-2-P632,P635,P638	* Panther, Fifth Creek, Lennon Ponds (0801-0075) <sup>43</sup>	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 57-23-P647	* Independence Lake (0801-0327) <sup>44</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 57-P651	* Little Diamond Pond (0801-0153)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 60-P674 thru P684	* Minor Lakes Trib to Upper Otter Creek (0801-0041) <sup>45</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81	South Br. Moose River, Upper, and tribs (0801-0346) <sup>46</sup>	Hamilton	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81- 7- 1..P702 thru P708	* Minor Lakes Trib to Upper Pine Creek (0801-0072) <sup>47</sup>	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-18-17	North Branch Moose River and tribs (0801-0212) <sup>48</sup>	Herkimer	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 81-18-17-14-P736..P738	Thirsty Pond (0801-0154) <sup>49</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-18-17-P752	Big Moose Lake (0801-0035)	Herkimer	Lake	A(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 81-18-17-P752-	Tribs to Big Moose Lake (0801-0213) <sup>50</sup>	Herkimer	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 81-18-17..P753 to P767	* Minor Lakes Trib to Big Moose Lake, NW (0801-0050) <sup>51</sup>	Hamilton	Lake	AA	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-18-17-P752..P760	* Otter Pond (0801-0016)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-18-17-P752..P768,P769	* Lower, Upper Sister Lakes (0801-0004)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-18-17-P752..P772	South Pond (0801-0057) <sup>52</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>43</sup> The specifically identified impaired water(s) in this segment also include Mikes Pond (P631), unnamed pond (P636), unnamed pond (P638) and Blue Pond (P640).

<sup>44</sup> The specifically identified impaired water(s) in this segment include unnamed pond (P645) and unnamed pond (P646); Independence Lake is not considered to be impaired.

<sup>45</sup> The specifically identified impaired water(s) in this segment include West Pond (P675), East Pond (P687), Black Foot Pond (P681) and unnamed pond (P679).

<sup>46</sup> The specifically identified impaired water(s) in this segment include Bradley Brook and Cellar Brook; the South Branch Moose River is not considered to be impaired.

<sup>47</sup> The specifically identified impaired water(s) in this segment include Lost Lake (P702).

<sup>48</sup> The specifically identified impaired water(s) in this segment include Bald Mountain Brook (-P739-3); the North Branch Moose River is not considered to be impaired.

<sup>49</sup> The specifically identified impaired water(s) in this segment include a number of smaller ponds, including unnamed pond (P737); Thirsty Pond is not considered to be impaired.

<sup>50</sup> The specifically identified impaired water(s) in this segment include Constable Creek, West Pond Outlet and Squash Pond Outlet.

<sup>51</sup> The specifically identified impaired water(s) in this segment include Squash Pond (P754), Silver Dollar Pond (P755), Merriam Lake (P756), Gull Lake South (P758), unnamed pond (P759), Gull Lake North (P762), unnamed pond (P765) and unnamed pond (P766) .

<sup>52</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P771) and unnamed pond (P773).



Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
<u>Black River Drainage Basin (con't)</u>							
Ont 19- 81-18-17-P775 to P779	* Minor Lakes Trib to Big Moose Lake, SE (0801-0017) <sup>53</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-18-17-P752-9-P777	* Constable Pond (0801-0214)	Herkimer	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 81-18-P792d..P787a-2	Trib to Fulton Chain Lakes (0801-0207) <sup>54</sup>	Hamilton	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2002
Ont 19- 81-18-P782d...P788	* Eagles Nest Lake (0801-0011) <sup>55</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-51- 2-P836,P837	* Stink Lake, Balsam Lake (0801-0034)	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-52-P841	* Kettle Pond (0801-0131) <sup>56</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-58-5-P852	Indian Lake (0801-0002) <sup>57</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-58-12-P854,P855	* Horn Lake, Mountain Lake (0801-0052) <sup>58</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-58-22-2-3-P862 to P875	* Minor Lakes Trib to Indian River (0801-0010) <sup>59</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-58-25-P874	* Brook Trout Lake (0801-0009)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-60..P876 thru P880	* Minor Lakes Trib to Benedict Creek (0801-0029) <sup>60</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-61- 4-P885	* Falls Pond (0801-0399) <sup>61</sup>	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-69-P888	* Sly Pond (0801-0007)	Hamilton	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 81-71- 2-1-P889	* Cellar Pond (0801-0001)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19- 88-P905	Barnes Lake (0801-0134)	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>53</sup> The specifically identified impaired water(s) in this segment include Pug Hole (Mays) Pond (P775) and Pigeon Lake (P779).

<sup>54</sup> The specifically identified impaired water(s) in this segment include Seventh Lake Inlet (-2), Buck Creek and Wheeler Creek.

<sup>55</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P792).

<sup>56</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P840) and unnamed pond (P846).

<sup>57</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P851) and Muskrat Pond (P853).

<sup>58</sup> The specifically identified impaired water(s) in this segment also include unnamed pond (P856), unnamed pond (P867a), unnamed pond (P858), Twin Lake Lower (P859), Twin Lake Upper (P860), Little Deer Lake (P861) and unnamed pond (P863).

<sup>59</sup> The specifically identified impaired water(s) in this segment include unnamed pond (P864a), Deep Lake (P866), Twin Lake West (P869), Twin Lake East (P870), unnamed pond (P871), unnamed pond (P872), Wolf Lake (P873) and Northrup Lake (P875).

<sup>60</sup> The specifically identified impaired water(s) in this segment include Bear Pond (P880).

<sup>61</sup> The specifically identified impaired water(s) in this segment include smaller Jimmy Pond (P886); Falls Pond is not considered to be impaired.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
<u>Black River Drainage Basin</u> (con't)							
Ont 19- 88-P907	Round Pond (0801-0407) <sup>62</sup>	Lewis	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19-104- 2- 5-P948	Dead Lake (0801-0427) <sup>63</sup>	Herkimer	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19-104-2-P951,-1-P952	* Little Woodhull Lake, Lily Lake (0801-0070)	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19-114-P995,P996	* Burp Lake, Black Creek Lake (0801-0139) <sup>64</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19-128-6-P1003	* Little Salmon Lk. (0801-0140)	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
Ont 19-P1007-10-3-P1008 to P1016	Minor Lakes Trib to North Lake (0801-0080) <sup>65</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
<u>Saint Lawrence River Drainage Basin</u>							
SLC-29-P65	Wolf Pond (0902-0006)	Franklin	Lake	B	Acid/Base (pH)	Atmospheric Dep.	1998
SLC-29-P68	Catamount Pond (0902-0092) <sup>66</sup>	Franklin	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SLC-32- 6-P73-26-P079	Diamond Lake (0902-0011)	Franklin	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SLC-32-20-41-P101,P102	Lower, Upper Twin Ponds, more (0902-0045) <sup>67</sup>	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SLC-32-66-P217,-67-P221	* Duck Pond, Benz Pond (0902-0021) <sup>68</sup>	St.Lawrence	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-46-P31	Joe Indian Lake (0903-0060)	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P109-11-2-4-P116	Lost Pond (0903-0057)	Hamilton	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P109-11-2-P120...P129	* Rock Pond (0903-0003)	Hamilton	Lake	B(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P109-11-P144...P147	* High Pond (0903-0001)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P109-11-P144...P148	* Little Pine Pond (0903-0028)	St.Lawrence	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P109-11-P156..P160,P161,P162	Spruce Grouse, Spring, Graves Ponds (0903-0041) <sup>69</sup>	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>62</sup> The specifically identified impaired water(s) in this segment include smaller unnamed pond (P906); Round Pond is not considered to be impaired.

<sup>63</sup> The specifically identified impaired water(s) in this segment include smaller unnamed pond (P946); Dead Lake is not considered to be impaired.

<sup>64</sup> The specifically identified impaired water(s) in this segment also include Cotton Lake (P994).

<sup>65</sup> The specifically identified impaired water(s) in this segment include Snyder Lake (P1011) and unnamed pond (P1016).

<sup>66</sup> Previously listed in error with Lake Champlain Basin segments as 1003-0002 in Appendix A as Smaller Lake Impaired by Acid Rain.

<sup>67</sup> Previously listed as Lower Twin Pond (0902-0045).

<sup>68</sup> Previously listed as Benz Pond (0902-0021).

<sup>69</sup> Previously listed as Spring Pond (0903-0041).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
<u>Saint Lawrence River Drainage Basin</u> (con't)							
SL- 1-P109-11-P156..P168..P170	* Halfmoon Pond (0903-0032)	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P309..P241-22-P245	South Pond (0903-0005)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P309..P241-22-P245-2-P247	Salmon Pond (0903-0004)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P309..P241..P276..P278	Pilgrim Pond (0903-0043)	Hamilton	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 1-P293-14-1-P321,P322,P331	Haymarsh Ponds, Lone Pond (0903-0017) <sup>70</sup>	Hamilton	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL- 2-59-32..P359,P261,P362	Len, Wolf, Beaver Ponds (0904-0002) <sup>71</sup>	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73	W.Br.Oswegatchie (0905-0003)	Lewis	River	FP	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73-19-5-3-P136	Dry Timber Lake (0905-0032)	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73-26-38-P179 thru P186	* Gregg Lk, Green, Twin, Loon Hollow Pds (0905-0035) <sup>72</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73-26-42-1-P195	* Muskrat Pond (0905-0061) <sup>73</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73-26-42-P196,P197	* Bear Pond, Diana Pond (0905-0062) <sup>74</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73-26-43-P198,P199,P200	* Lower, Middle, Upper South Pond (0905-0057) <sup>75</sup>	Herkimer	Lake	D	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-73..P240 thru P247	* Desert, Jakes, Buck, Hog Ponds (0905-0038) <sup>76</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-101..P289	* Crystal Lake (0905-0030) <sup>77</sup>	St.Lawrence	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>70</sup> Previously listed in Appendix A as Lone Pond (0903-0008); segment also includes previously listed Unnamed Pond #6-323.

<sup>71</sup> Previously listed as Wolf Pond (0904-0002).

<sup>72</sup> Previously listed as Green Pond (0905-0035); segment also includes previously listed Loon Hollow Pond (0905-0105) and the smaller lakes Kelly Pond (0905-0073) and unnamed pond #4-180 (0905-0075).

<sup>73</sup> The specifically identified impaired water(s) in this segment also include previously listed unnamed pond #4-194 (0905-0060).

<sup>74</sup> Previously listed as Bear Pond (0905-0062); segment also includes previously listed Diana Pond (0905-0063).

<sup>75</sup> Previously listed as Upper South Pond (0905-0057).

<sup>76</sup> Previously listed as Jakes Pond (0905-0038).

<sup>77</sup> The specifically identified impaired water(s) in this segment also include previously listed Unnamed Pond #4-288e (0905-0078).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
<u>Saint Lawrence River Drainage Basin (con't)</u>							
SL-25-P309..P364 thru P381	* Minor Lake Trib to Upper Oswegatchie (0905-0005) <sup>78</sup>	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
SL-25-P309..140-P377	Gull Lake (0905-0072)	Herkimer	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
<u>Lake Champlain Drainage Basin</u>							
C-15-P114..P119	* Lake Clear (1003-0109) <sup>79, 80</sup>	Franklin	Lake	AA(T)	Acid/Base (pH)	Atmospheric Dep.	1998
<u>Upper Hudson River Drainage Basin</u>							
H-363-P119	Bullhead Pond (1101-0033)	Saratoga	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
H-461..P582 thru P612	* Minor Lakes Trib to Indian River/Lake (1104-0008) <sup>81</sup>	Hamilton	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
H-469..P624 thru P669	Minor Lakes Trib to Cedar River (1104-0003) <sup>82</sup>	Hamilton	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998
H-503-P680/P682- 6..P687	* Round Pond (1104-0073)	Hamilton	Lake	FP	Acid/Base (pH)	Atmospheric Dep.	1998
<u>Mohawk River Drainage Basin</u>							
H-240-144-13..P727,P729,P730	Green, Otter, Stewart Lakes (1201-0009)	Fulton	Lake	B	Acid/Base (pH)	Atmospheric Dep.	1998
H-240-144-13..P732	Irving Pond (1201-0230)	Fulton	Lake	B	Acid/Base (pH)	Atmospheric Dep.	1998
H-240-144-43-P786	Morehouse Lake (1201-0080)	Hamilton	Lake	B(T)	Acid/Base (pH)	Atmospheric Dep.	1998
H-240-144-44-P790,P790a	* Big Alderbed Pd, Blind Mans Vly (1201-0002)	Hamilton	Lake	C(T)	Acid/Base (pH)	Atmospheric Dep.	1998
H-240-180 (portion 5)	West Canada Creek, Upp, and tribs (1203-0008)	Herkimer	River	A(T)/FP	Acid/Base (pH)	Atmospheric Dep.	1998
H-240-180 (portion 6)	West Canada Creek, Upp, and tribs (1203-0025)	Herkimer	River	C(T)/FP	Acid/Base (pH)	Atmospheric Dep.	2004
H-240-180- P799-19..P818 to P822	Lakes Trib to Jerseyfield Lake (1203-0002) <sup>83</sup>	Herkimer	Lake	C	Acid/Base (pH)	Atmospheric Dep.	1998

<sup>78</sup> The specifically identified impaired water(s) in this segment include previously listed Oven Lake (0905-0042), Grassy Pond (0905-0034), Hyde Pond (0905-0071), Hitchens Pond (0905-0036) and smaller Little Duck Pond (0905-0089) and Jenkins Pond (0905-0069).

<sup>79</sup> This listing was previously listed as Minor Lake Trib to Upper Saranac Lake (1003-0086). However the Minor Lake Trib to Upper Saranac Lake segment has been discontinued and lakes in that watershed have been reassigned to multiple other more appropriate smaller lake watershed segments. which includes Saint Germain Pond (P201)

<sup>80</sup> The specifically identified impaired water(s) in this segment include Saint Germain Pond (P201); Lake Clear is not considered to be impaired.

<sup>81</sup> The specifically identified impaired water(s) in this segment include Little Moose Pond (P607).

<sup>82</sup> The specifically identified impaired water(s) in this segment include South Pine Lake and Carry Pond (P669).

<sup>83</sup> The specifically identified impaired water(s) in this segment include Diamond Lake (P822).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2a - Multiple Segment/Categorical Impaired Waterbody Segments (atmospheric deposition) (con't)</b>							
	<u>Delaware River Drainage Basin</u>						
D- 1-P58b-82	East Branch Neversink River and tribs (1402-0007)	Ulster	River	C(T)	Acid/Base (pH)	Atmospheric Dep.	2004
D- 1-33-P37	Wolf Reservoir (1402-0045)	Sullivan	Lake(R)	B	Acid/Base (pH)	Atmospheric Dep.	2004

Other/Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain)...See Appendix A

Previous Section 303(d) Lists included additional small lake waterbodies impacted by atmospheric deposition. Because subsequent development of a comprehensive monitoring strategy required limiting the WI/PWL database to lakes 6.4 acres or larger, these smaller lakes are no longer tracked as individual waterbodies in the database. These lakes have been joined with other lakes in the same watershed a single segment. In order to accommodate these changes regarding the tracking of waterbodies within the WI/PWL database and to provide continuity between this listing and previous lists that included the tracking of the smaller lake as individual waterbodies, a list of *Other/Smaller Lakes Impaired by Atmospheric Deposition* (currently representing 72 lakes/ponds) is included in the 2010 Section 303(d) List and is attached as Appendix A. This appendix lists the smaller lakes that appeared on previous Section 303(d) Lists with a note indicating the WI/PWL segment into which the lake has been consolidated. NOTE: The 2008 Section 303(d) List included 80 smaller lakes in Appendix A. The reduction in the number of smaller lakes in the 2010 List is a result of some of the smaller lakes being consolidated into WI/PWL segments that are included in Part 2a of the List.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption)</b>							
Might be addressed by a waterbody specific TMDL or a pollutant/source specific TMDL or other strategy to attain water quality standards.							
NOTE: Fish consumption advisories/impairments for all waters listed below extend into and include tributary (and downstream) waters to the first impassable barrier.							
	<u>Niagara River/Lake Erie Drainage Basin</u>						
Ont 158 (portion 1)	Niagara River, Lower, Main Stem (0101-0027)	Niagara	River	A-Spl	Dioxin	Cont.Sed, Land.Disp.	1998
					Mirex	Cont.Sed, Land.Disp.	1998
					PCBs	Cont.Sed, Land.Disp.	1998
Ont 158 (portion 2)	Niagara River, Upper, Main Stem (0101-0006)	Niagara	River	A-Spl	PCBs	Cont.Sed, Land.Disp.	1998
Ont 158 (portion 3)	Chippewa (West) Channel (0101-0028)	Niagara	River	A-Spl	PCBs	Cont.Sed, Land.Disp.	1998
Ont 158 (portion 4)	Black Rock Channel (0101-0025)	Niagara	River	A-Spl	PCBs	Cont.Sed, Land.Disp.	1998
Ont 158- 8	Cayuga Creek and minor tribs (0101-0001) <sup>84</sup>	Niagara	River	C	Dioxin	Contaminated Sed.	1998
Ont 158-12 (portion 1)	Tonawanda Creek, Lower, Main Stem (0102-0022)	Niagara	River	C	PCBs	Contaminated Sed.	1998
Ont 158-15-P25	Delaware Park Lake (0101-0026)	Erie	Lake	B	PCBs	Cont.Sed, Land.Disp.	1998
Ont 158-E (portion 1)	Lake Erie, Erie Basin (0104-0032)	Erie	G.Lakes	C	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 2)	Lake Erie, Outer Harbor North (0104-0033)	Erie	G.Lakes	B	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 3)	Lake Erie, Outer Harbor South (0104-0034)	Erie	G.Lakes	C	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 4)	Lake Erie, Northeast Shoreline (0104-0035)	Erie	G.Lakes	C	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 5)	Lake Erie, Northeast Shoreline (0104-0036)	Erie	G.Lakes	B	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 6)	Lake Erie, Main Lake, North (0104-0037)	Erie	G.Lakes	A-Spl	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 7)	Lake Erie, Main Lake, South (0105-0033)	Chautauqua	G.Lakes	A-Spl	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 7a)	Lake Erie, Dunkirk Harbor (0105-0009)	Chautauqua	G.Lakes	B	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158-E (portion 7b)	Lake Erie, Barcelona Harbor (0105-0011)	Chautauqua	G.Lakes	B	PCBs	Contaminated Sed. <sup>85</sup>	2002
Ont 158..E- 1	Buffalo River (0103-0001)	Erie	River	C	PCBs	Contaminated Sed. <sup>85</sup>	1998
	<u>Lake Ontario (Minor Tribs) Drainage Basin</u>						
Ont (portion 1)	* Lake Ontario Shoreline, Eastern (0303-0023)	Jefferson	G.Lakes	A	PCBs	Contaminated Sed. <sup>85</sup>	1998
					Mirex	Contaminated Sed. <sup>85</sup>	1998
					Dioxin	Contaminated Sed. <sup>85</sup>	1998
Ont (portion 2)	* Lake Ontario Shoreline, Eastern (0303-0024)	Jefferson	G.Lakes	A	PCBs	Contaminated Sed. <sup>85</sup>	1998
					Mirex	Contaminated Sed. <sup>85</sup>	1998
					Dioxin	Contaminated Sed. <sup>85</sup>	1998

<sup>84</sup> Fish consumption advisory for Cayuga Creek includes lower Bergholtz Creek to the first impassable barrier. Previously Bergholtz Creek was listed separately, but since there is no waterbody-specific health advisory for Bergholtz Creek, the impairment in the lower creek is more appropriately captured in the note at the beginning of Part 2b.

<sup>85</sup> For Lake Erie and Lake Ontario Shoreline segments included on the Section 303(d) List due to fish consumption restrictions, the primary source of contamination is the open lake rather than the near-shore waters. Due to fish migration, the advisories apply to tributary waters up to the first impassable barrier.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)</b>							
Ont (portion 2a)	<u>Lake Ontario (Minor Tribes) Drainage Basin</u> (con't) * Chaumont Bay (0303-0011)	Jefferson	G.Lakes	A	PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998
Ont (portion 2b)	* Guffin Bay (0303-0025)	Jefferson	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 3)	* Lake Ontario Shoreline, Eastern (0303-0026)	Jefferson	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 3a)	* Black River Bay (0303-0102)	Jefferson	Bay	C	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 4)	* Lake Ontario Shoreline, Eastern (0303-0027)	Jefferson	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 4a)	* Henderson Bay (0303-0022)	Jefferson	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 5)	* Lake Ontario Shoreline, Eastern (0303-0028)	Jefferson	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 6)	* Lake Ontario Shoreline, Eastern (0303-0029)	Jefferson	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 7)	* Lake Ontario Shoreline, Eastern (0303-0030)	Oswego	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 8)	* Lake Ontario Shoreline, Eastern (0303-0031)	Oswego	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 9)	* Lake Ontario Shoreline, Eastern (0303-0017)	Oswego	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 10)	* Lake Ontario Shoreline, Oswego (0302-0040)	Oswego	G.Lakes	A	Dioxin PCBs Mirex	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 11)	* Lake Ontario Shoreline, Central (0302-0041)	Oswego	G.Lakes	A	Dioxin PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998 1998

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)</b>							
Ont (portion 12)	<u>Lake Ontario (Minor Tribs) Drainage Basin</u> (con't) * Lake Ontario Shoreline, Central (0302-0042)	Cayuga	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 13)	* Lake Ontario Shoreline, Central (0302-0043)	Wayne	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 14)	* Lake Ontario Shoreline, Central (0302-0044)	Wayne	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 15)	* Lake Ontario Shoreline, Central (0302-0045)	Wayne	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 16)	* Rochester Embayment - East (0302-0002)	Monroe	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 17)	* Rochester Embayment - West (0301-0068)	Monroe	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 18)	* Lake Ontario Shoreline, Western (0301-0069)	Monroe	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 19)	* Lake Ontario Shoreline, Western (0301-0070)	Orleans	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 20)	* Lake Ontario Shoreline, Western (0301-0071)	Orleans	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 21)	* Lake Ontario Shoreline, Western (0301-0072)	Niagara	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont (portion 22)	* Lake Ontario Shoreline, Western (2301-0053)	Niagara	G.Lakes	A	PCBs Mirex Dioxin	Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup> Contaminated Sed. <sup>85</sup>	1998 1998 1998
Ont 53 (portion 1)	Salmon River, Lower, and minor tribs (0303-0016)	Oswego	River	C(T)	PCBs Mirex	Contaminated Sed. Contaminated Sed.	1998 1998
Ont 53 (portion 2)/P18a	Lower Salmon River Reservoir (0303-0067)	Oswego	Lake(R)	C(T)	PCBs Mirex	Contaminated Sed. Contaminated Sed.	1998 1998
Ont 53 (portion 3)	Salmon River, Middle, and tribs (0303-0068)	Oswego	River	C(T)	PCBs Mirex	Contaminated Sed. Contaminated Sed.	1998 1998
Ont 108/P113	Irondequoit Bay (0302-0001)	Monroe	Lake	B	Mirex PCBs	Contaminated Sed. Contaminated Sed.	1998 1998



Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)</b>							
	<u>Lake Ontario (Minor Ribs) Drainage Basin (con't)</u>						
Ont 148	Eighteenmile Creek, Lower, and tribs (0301-0002)	Niagara	River	B,C,D	PCBs	Contaminated Sed.	1998
Ont 148	Eighteenmile Creek, Middle, and tribs (0301-0054)	Niagara	River	C	PCBs	Contaminated Sed.	1998
Ont 148	Eighteenmile Creek, Upp, and mnr tribs (0301-0055)	Niagara	River	D	PCBs	Contaminated Sed.	1998
	<u>Genesee River Drainage Basin</u>						
Ont 117 (portion 1)	Genesee River, Lower, Main Stem (0401-0001)	Monroe	River	B	PCBs	Contam.Sed.	2004
					Mirex	Contam.Sed.	2004
					Dioxin	Contam.Sed.	2004
Ont 117- 27-34-11-P43	* Canadice Lake (0402-0002)	Ontario	Lake	AA(TS)	PCBs	Cont.Sed, Land.Disp.	1998
	<u>Chemung River Drainage Basin</u>						
PA 3-28- 6- 1- 3-13a	* Koppers Pond (0501-0012)	Chemung	Lake	C	PCBs	Cont.Sed, Land.Disp.	1998
	<u>Oswego River (Finger Lakes) Drainage Basin</u>						
Ont 66 (portion 2)	Oswego River (0701-0006)	Oswego	River	B	PCBs	Contaminated Sed.	1998
Ont 66-12-12-P154 (portion 1)	Onondaga Lake, northern end (0702-0003)	Onondaga	Lake	B	Dioxin	Contaminated Sed.	1998
					Mercury	Contaminated Sed.	1998
					PCBs, other toxics	Contaminated Sed.	1998
Ont 66-12-12-P154 (portion 2)	Onondaga Lake, southern end (0702-0021) <sup>86</sup>	Onondaga	Lake	C	Dioxin	Contaminated Sed.	1998
					Mercury	Contaminated Sed.	1998
					PCBs, other toxics	Contaminated Sed.	1998
Ont 66-12-P369-115-P388	Keuka Lake (0705-0003)	Yates	Lake	AA(TS)	DDT	Contaminated Sed.	1998
	<u>Black River Drainage Basin</u>						
Ont 19- 81-18-P782a thru d	* Fulton Chain Lakes, First thru Fourth Lake (0801-0373) <sup>87</sup>	Herkimer	Lake	A	DDT	Cont.Sed., Land Disp	1998

<sup>86</sup> As noted at the beginning of Part 2b, fish consumption advisories/impairments for Part 2b waters extend into and include tributary (and downstream) waters to the first impassable barrier. There is some evidence that contamination of fish in Ley Creek extends beyond this barrier, though there is no separate waterbody-specific health advisory for the creek. Consequently, this listing should be considered as including all of Ley Creek.

<sup>87</sup> Previously the segment Tribs to Fulton Chain Lakes (0801-0098) which includes Gray Lake Outlet, which is suspected source of DDT contamination/fish consumption advisory in Fourth Lake, was listed for this impairment. But since the health advisory applies to the lake it is more appropriate to list the segment which includes Fourth Lake (0801-0373) with the understanding that for the purposes of Section 303(d) listing, this segment includes the lower portion of Gray Lake Outlet.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)</b>							
	<u>Saint Lawrence Drainage Basin</u>						
SL (portion 1)	St.Lawrence River (0901-0001)	St.Lawrence	River	A	Dioxin	Contaminated Sed.	1998
					Mirex	Contaminated Sed.	1998
					PCBs	Contaminated Sed.	1998
SL (portion 2)	St.Lawrence River (0901-0002)	St.Lawrence	River	A	Dioxin	Industr, Contam.Sed.	1998
					Mirex	Industr, Contam.Sed.	1998
					PCBs	Industr, Contam.Sed.	1998
SL (portion 3)	St.Lawrence River (0901-0015) <sup>88</sup>	St.Lawrence	River	A	Dioxin	Industr, Contam.Sed.	2010
					Mirex	Industr, Contam.Sed.	2010
					PCBs	Industr, Contam.Sed.	2010
SL (portion 4)	St.Lawrence River (0901-0004) <sup>88</sup>	St.Lawrence	River	A	Dioxin	Industr, Contam.Sed.	2010
					Mirex	Industr, Contam.Sed.	2010
					PCBs	Industr, Contam.Sed.	2010
SL- 2	Grass River (0904-0009)	St.Lawrence	River	B	PCBs	Industr, Contam.Sed.	1998
SL- 2-	Massena Power Canal (0904-0012)	St.Lawrence	River	D	PCBs	Industr, Contam.Sed.	1998
	<u>Lake Champlain Drainage Basin</u>						
C (portion 1)	Lake Champlain, Main Lake, North (1000-0001)	Clinton	Lake	A	PCBs	Contam. Sed., Atm.	1998
C (portion 2)	Lake Champlain, Main Lake, Middle (1000-0002)	Clinton	Lake	A	PCBs	Contam. Sed., Atm.	1998
C (portion 2a)	Cumberland Bay (1001-0001)	Clinton	Bay	B	PCBs	Contam. Sed., Atm.	1998
C (portion 2b)	Willsboro Bay (1001-0015) <sup>89</sup>	Essex	Bay	B	PCBs	Contam. Sed., Atm.	2010
C (portion 3)	Lake Champlain, Main Lake, South (1000-0003)	Essex	Lake	A	PCBs	Contam. Sed., Atm.	1998
C (portion 4)	Lake Champlain, South Lake (1000-0004)	Essex	Lake	B	PCBs	Contam. Sed., Atm.	1998
	<u>Upper Hudson River Drainage Basin</u>						
H (portion 6)	Upper Hudson River, Main Stem (1101-0045) <sup>90</sup>	Saratoga	River	C	Mercury	Contaminated Sed.	2002
H (portion 7)	Upper Hudson River, Main Stem (1101-0046) <sup>91</sup>	Saratoga	River	C	Mercury	Contaminated Sed.	2010
H-264 (portion 1)	Hoosic River, Lower, Main Stem (1102-0002)	Rensselaer	River	C	PCBs	Contaminated Sed.	1998
H-264 (portion 1b)/P1115	Schaghticoke Reservoir (1102-0015)	Rensselaer	Lake (R)	C	PCBs	Contaminated Sed.	2006
H-264 (portion 2)	Hoosic River, Middle, Main Stem (1102-0003)	Rensselaer	River	B	PCBs	Contaminated Sed.	1998
H-264 (portion 3)	Hoosic River, Middle, Main Stem (1102-0016)	Rensselaer	River	C(T)	PCBs	Contaminated Sed.	2008
H-264 (portion 4)	Hoosic River, Upper, and tribs (1102-0017)	Rensselaer	River	B(T)	PCBs	Contaminated Sed.	2008
H-264 (portion 5)	Hoosic River, Upper, and minor tribs (1102-0018)	Rensselaer	River	C(T)	PCBs	Contaminated Sed.	2008
H-391 (portion 3)/P374	Schroon Lake (1104-0002)	Essex	Lake	AA	PCBs	Atmosph, Unknown	1998

<sup>88</sup> These new listings are the result of the re-segmenting of the Saint Lawrence River into four (4) segments; previously there were only two (2) Saint Lawrence segments (0901-0001, 0901-0002).

<sup>89</sup> This new listing is the result of the recognition that the Lake Champlain health advisory for PCBs extends into this bay of the lake.

<sup>90</sup> This segment was mis-identified as segment 1104-0045 in the 2008 Section 303(d) List.

<sup>91</sup> This new listing is the result of the re-segmenting of the Upper Hudson into an additional segment.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)</b>							
<u>Mohawk River Drainage Basin</u>							
H-240 (portion 11)	Mohawk R/NYS Barge Canal, Main Stem (1201-0092)	Herkimer	River	B	PCBs	Contam. Sediment	1998
H-240 (portion 12)	Mohawk River, Main Stem (1201-0093)	Herkimer	River	C	PCBs	Contam. Sediment	1998
H-240 (portion 12b)	Utica Harbor (1201-0228)	Oneida	Bay	C	PCBs	Contam. Sediment	1998
H-240 (portion 13)	Mohawk River, Main Stem (1201-0010)	Oneida	River	B	PCBs	Unknown	1998
H-240-219	Sauquoit Creek, Lower, and tribs (1201-0069)	Oneida	River	C(T)	PCBs	Industrial, Leak/Spill	2002
H-240-219	Sauquoit Creek, Middle, and tribs (1201-0207)	Oneida	River	C(T)	PCBs	Contam. Sediment	2002
H-240-234	Threemile Creek and tribs (1201-0223)	Oneida	River	C	PCBs	Contam. Sediment	1998
<u>Lower Hudson River Drainage Basin</u>							
H (portion 1)	Hudson River, Class I, (1301-0006)	New York	Estuary	I	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
H (portion 2a)	Hudson River, Class SB, portion (1301-0005)	Bronx	Estuary	SB	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
H (portion 2b)	Hudson River, Class SB, portion (1301-0094)	Westchester	Estuary	SB	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
H (portion 3)	Hudson River, Class B, (1301-0003)	Orange	Estuary	B	PCBs	Contaminated Sed.	1998
H (portion 4a)	Hudson River, Class A, (1301-0001)	Orange	Estuary	A	PCBs	Contaminated Sed.	1998
H (portion 4b)	Hudson River, Class A, (1301-0276)	Ulster	Estuary	A	PCBs	Contaminated Sed.	1998
H (portion 5)	Hudson River, Class C, (1301-0002)	Albany	Estuary	C	PCBs	Contaminated Sed.	1998
H- 4	Saw Mill River, Lower, and tribs (1301-0007)	Westchester	River	various	Chlordane	Contaminated Sed.	1998
H- 4	Saw Mill River, Middle, and tribs (1301-0100) <sup>93</sup>	Westchester	River	various	Chlordane	Contaminated Sed.	2010
H- 4	Saw Mill River, Upper, and tribs (1301-0101) <sup>93</sup>	Westchester	River	various	Chlordane	Contaminated Sed.	2010
H-204- 2- 7-P24	Kinderhook Lake (1310-0002)	Columbia	Lake	B	PCBs	Cont.Sed., Land Disp	1998
H-204- 2- 7	Valatie Kill, Middle, and Tribs (1310-0003)	Rensselaer	River	C(T)	PCBs	Cont.Sed., Land Disp	1998
H-204- 2- 7-P34	Nassau Lake (1310-0001)	Rensselaer	Lake	B	PCBs	Cont.Sed., Land Disp	1998
H-204- 2- 7	Valatie Kill, Upper, and Tribs (1310-0024) <sup>94</sup>	Rensselaer	River	C(T)	PCBs	Cont.Sed., Land Disp	2010
<u>Delaware River Drainage Basin</u>							
D-71-20-	Trout Creek, Upper, and tribs (1404-0050) <sup>95</sup>	Delaware	River	C(TS)	PCBs	Cont.Sed, Land.Disp.	2002

<sup>92</sup> In addition to the contaminants for which there are specific Health Advisories for the consumption of fish, other contaminants have also been identified as contributing to the fish consumption impairment. These substances may include mercury, dioxins/furans, PAHs, pesticides and other heavy metals.

<sup>93</sup> These new listings are the result of the re-segmenting of the Saw Mill River into three (3) segments; previously there was only one Saw Mill River segment (1301-0007).

<sup>94</sup> This new listing is the result of the re-segmenting of the Valatie Kill into three (3) segments; previously there was only one Valatie Kill segment (1310-0003). The Health Advisory for the consumption of fish from the Valatie Kill does not extend to the lower segment.

<sup>95</sup> Includes Herrick Hollow Creek for which a fish consumption advisory is in place.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)</b>							
	<u>Atlantic Ocean/Long Island Sound Drainage Basin</u>						
(MW1.1) LB	Lower New York Bay (1701-0004)	Kings	Estuary	SB	PCBs, other toxics <sup>92</sup>	Contam.Sediment, Urban	1998
(MW1.1) LB/GB	Lower New York Bay/Gravesend Bay (1701-0179)	Kings	Estuary	I	PCBs, other toxics <sup>92</sup>	Contam.Sediment, Urban	2002
(MW1.2) RB (portion 1)	Raritan Bay, Class SA (1701-0002)	Richmond	Estuary	SA	PCBs, other toxics <sup>92</sup>	Contam.Sediment, Urban	2002
(MW1.2) RB (portion 2)	Raritan Bay, Class SB (1701-0180)	Richmond	Estuary	SB	PCBs, other toxics <sup>92</sup>	Contam.Sediment, Urban	2002
(MW1.2) RB (portion 3)	Raritan Bay, Class I (1701-0181)	Richmond	Estuary	I	PCBs, other toxics <sup>92</sup>	Contam.Sediment, Urban	2002
(MW1.2) SI (portion 1)	Arthur Kill, Class I and minor tribs (1701-0010)	Richmond	Estuary	I	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
					Cadmium	Contaminated Sed.	2002
					Dioxin	Contaminated Sed.	2002
(MW1.2) SI (portion 2)	Arthur Kill, Class SD and minor tribs (1701-0182)	Richmond	Estuary	SD	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	2002
					Cadmium	Contaminated Sed.	2002
					Dioxin	Contaminated Sed.	2002
(MW1.2) SI (portion 3)	Newark Bay (1701-0183)	Richmond	Estuary	SD	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	2002
					Cadmium	Contaminated Sed.	2002
					Dioxin	Contaminated Sed.	2002
(MW1.2) SI (portion 4)	Kill Van Kull (1701-0184)	Richmond	Estuary	SD	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	2002
					Cadmium	Contaminated Sed.	2002
					Dioxin	Contaminated Sed.	2002
(MW1.3) UB	Upper New York Bay (1701-0022)	Kings	Estuary	I	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
					Cadmium	Contaminated Sed.	2002
(MW1.3) UB-EB	Erie Basin (1701-0185)	Kings	Estuary	SD	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	2002
					Cadmium	Contaminated Sed.	2002
(MW2.1) ER (portion 1)	East River, Lower (1702-0011)	New York	Estuary	I	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
(MW2.3) ER (portion 2)	East River, Upper (1702-0010)	Queens	Estuary	I	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
(MW2.3) ER (portion 3)	East River, Upper (1702-0032)	Queens	Estuary	SB	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	1998
(MW2.3) ER-1	Harlem River (1702-0004)	New York	Estuary	I	PCBs, other toxics <sup>92</sup>	Contaminated Sed.	2002
(MW3.3) LIS- 8- 1	Sheldrake River (1702-0069)	Westchester	River	C	Chlordane	Contaminated Sed.	1998
					Dieldrin	Contaminated Sed.	1998
---	Ridders Pond (1701-0176) <sup>96</sup>	Nassau	Lake	C	Chlordane	Contaminated Sed.	1998
(MW4.2b) LIS-MB-25-P122	Whitney Lake (1702-0101)	Nassau	Lake	C	Chlordane	Contaminated Sed.	1998
---	Saint James Pond (1702-0049) <sup>96</sup>	Suffolk	Lake	C	Chlordane/DDT	Contaminated Sed.	1998
---	Spring Pond/Lake (1701-0022) <sup>96</sup>	Suffolk	Lake	B	Chlordane	Contaminated Sed.	1998
(MW7.8) AO-GSB-205-P934	Lake Capri (1701-0175)	Suffolk	Lake	C	Cadmium	Cont.Sed, Land.Disp.	1998
					Chlordane	Cont.Sed, Land.Disp.	2002
(MW8.1a) SOB-220-P969	Massapequa Reservoir (1701-0157)	Nassau	Lake(R)	A	Chlordane	Contaminated Sed.	1998
(MW8.3a) MDB-228-P989	Freeport Reservoir/East Meadow Pond (1701-0025)	Nassau	Lake(R)	A	Chlordane	Contaminated Sed.	2002
(MW8.3a) MDB-228-P989-P991	Smith Pond/Roosevelt Pond (1701-0136)	Nassau	Lake	C	Chlordane	Contaminated Sed.	1998
(MW8.3a) MDB-231-P996	Lofts Pond (1701-0029)	Nassau	Lake	C	Chlordane	Contaminated Sed.	1998

<sup>96</sup> Because development of a comprehensive monitoring strategy required limiting the WI/PWL database to lakes 6.4 acres or larger, these smaller lakes are no longer tracked as individual waterbodies in the WI/PWL database.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
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**Part 2b - Multiple Segment/Categorical Impaired Waterbody Segments (fish consumption) (con't)**

Atlantic Ocean/Long Island Sound Drainage Basin (con't)

(MW8.4a) HB-233-P1005	Smith Pond (1701-0028)	Nassau	Lake	C	Chlordane	Contaminated Sed.	2002
(MW8.4a) HB-233-P1005..P1008	Halls Pond (1701-0027)	Nassau	Lake	C	Chlordane	Contaminated Sed.	1998
(MW8.4a) HB-235-P1017a	Grant Park Pond (1701-0054)	Nassau	Lake	C	PCBs	Contaminated Sed.	1998

More Information Regarding Fish Consumption

Waters impaired for fish consumption are based on New York State Department of Health advisories contained in its annual *Chemicals in Sportfish and Game* publications. Because the specific extent and conditions of the advisories are reported more precisely and more frequently than can be reported through the Section 303(d) List, this advisory information regarding the support of fish consumption in New York is more timely and the extent of the advisory more precisely delineated than the information provided in the Section 303(d) List. For the most up-to-date fish consumption advisory information, refer to <http://www.health.state.ny.us/environmental/outdoors/fish/fish.htm>

A general health advisory to eat no more than one meal per week of fish from any freshwaters and some marine waters of the state is also in place. NYSDOH has issued this advisory because 1) some chemicals (mercury and PCBs, for example) are commonly found in New York State fish, 2) fish from all waters have not been tested, and 3) fish may contain unidentified contaminants. The general advisory is less restrictive than the waterbody-specific advisories. Because the general advisory is less restrictive, is largely precautionary, and applies to almost all waters of the state, these waters are not listed individually on the Section 303(d) List.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 2c - Multiple Segment/Categorical Impaired Waterbody Segments (shellfishing)</b>							
(Might be addressed by a waterbody specific TMDL or a pollutant/source specific TMDL or other strategy to attain water quality standards)							
<u>Atlantic Ocean/Long Island Sound Drainage Basin</u>							
(MW1.2) RB (portion 1)	Raritan Bay, Class SA (1701-0002)	Richmond	Estuary	SA	Pathogens	Urban/Storm/CSO	1998
(MW3.1) LIS (portion 1b)	New Rochelle Harbor (1702-0259)	Westchester	Estuary	SA	Pathogens	Urb/Storm, Municipal	2002
(MW3.1) LIS (portion 2)	Long Island Sound, Westchester Co Waters(1702-0001)	Westchester	Estuary	SA	Pathogens	Urban/CSO, Municipl	1998
(MW4.1) LIS (portion 3)	Long Island Sound, Nassau County Waters (1702-0028)	Nassau	Estuary	SA	Pathogens	Urban/CSO, Municipl	1998
(MW4.2b) LIS-MB (portion 1)	Manhasset Bay, and tidal tribs (1702-0021)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	1998
(MW4.3b) LIS-41-P145	Dosoris Pond (1702-0024)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW5.4g) LIS-FI-P1101,P1102	Beach/Island Ponds, Fishers Island (1701-0283)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW6.3b) GB..GPB-122a-P652	Scallop Pond (1701-0354)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW6.3g) BIS..P764	Oyster Pond/Lake Munchogue (1701-0169)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	1998
(MW6.3i) AO-SB-155	Phillips Creek, Lower, and tidal tribs (1701-0299)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW6.3i) AO-SB-QgC	Quogue Canal (1701-0301)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW7.2a) AO-MB (portion 4)	Forge River, Lower and Cove (1701-0316)	Suffolk	Estuary	SA	Pathogens	Urban/Storm, Agric.	2002
(MW7.6) AO-GSB (portion 6)	Nicoll Bay (1701-0375)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW7.8) AO-GSB (portion 7)	Great Cove (1701-0376)	Suffolk	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW8.1) SOB	South Oyster Bay (1701-0041)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	1998
(MW8.2) EB	East Bay (1701-0202)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW8.3) MDB	Middle Bay (1701-0208)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW8.3) MDB-ERI	East Rockaway Inlet (1701-0217)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW8.3) MDB-RC	Reynolds Channel, east (1701-0215)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	2002
(MW8.4) HB	Hempstead Bay (1701-0032)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	1998
(MW8.4a) HB-236	Woodmere Channel (1701-0219)	Nassau	Estuary	SA	Pathogens	Urban/Storm Runoff	2002

More Information Regarding Shellfishing

Waters impaired for shellfishing use are based on shellfishing closures issues by New York State Department of Environmental Conservation Shellfisheries Program and the National Shellfish Sanitation Program. Because the specific extent and conditions of the closures are reported more precisely and more frequently through these programs than through the Section 303(d) List, this shellfish closure information provides better delineated and more timely information regarding the support of shellfishing use in the waters of New York than does the Section 303(d) List. For the most current shellfishing closure information, refer to <http://www.dec.state.ny.us/website/dfwmr/marine/shellfish/sfntsh/index.htm>.

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Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3a - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Impairment)</b>							
Ont 158 (portion 1)	<u>Niagara River/Lake Erie Drainage Basin</u> Niagara River, Lower, Main Stem (0101-0027) <sup>97</sup>	Niagara	River	A(S)	Org.Chlor.Pest/HCB PAHs	Cont.Sed, Land Disposal Cont.Sed, Land Disposal	2006 2002
Ont 158 (portion 2)	Niagara River, Upper, Main Stem (0101-0006) <sup>97</sup>	Niagara	River	A(S)	Org.Chlor.Pest/HCB PAHs	Cont.Sed, Land Disposal Cont.Sed, Land Disposal	2006 2002
<b>Ont 158-12 (portion 2)</b>	<b>Tonawanda Cr, Middle, Main Stem (0102-0006)</b>	<b>Genesee</b>	<b>River</b>	<b>B</b>	<b>Pathogens</b>	<b>Agriculture, Urb Runoff</b>	<b>2010</b>
Ont 158-12 (portion 3)	Tonawanda Cr, Middle, Main Stem (0102-0002)	Genesee	River	C	Phosphorus	Urban/Storm, Str Erosion	2004
Ont 158-12 (portion 4)	Tonawanda Cr, Upp, & minor tribs (0102-0003)	Genesee	River	A	Silt/Sediment	Urban/Storm, Str Erosion	2004
Ont 158-12- 1	Ellicott Creek, Lower, and tribs (0102-0018)	Erie	River	B	Phosphorus	Agric, Streambank Erosion	2004
Ont 158-12-32	Little Tonawanda Cr, Low, and tribs (0102-0001)	Genesee	River	A	Silt/Sediment	Urban Runoff	2004
<b>Ont 158..E-22</b>	<b>Muddy Creek, Lower, and tribs (0104-0051)</b>	<b>Erie</b>	<b>River</b>	<b>B</b>	<b>Pathogens</b>	<b>Unknown</b>	<b>2010</b>
<u>Allegheny River Drainage Basin</u>							
Pa-63-13-P133	Lower Cassadaga Lake (0202-0003)	Chautauqua	Lake	B	Nutrients (phosphorus)	Agriculture	1998
Pa-63-13-P133-3-P134	Middle Cassadaga Lake (0202-0002)	Chautauqua	Lake	C	Nutrients (phosphorus)	Agriculture	1998
<u>Lake Ontario (Minor Tribs) Drainage Basin</u>							
Ont 100	* Mill Creek and tribs (0302-0025)	Monroe	River	B	D.O./Oxygen Demand Phosphorus Pathogens	Municipal, Onsite WTS Municipal, Onsite WTS Municipal, Onsite WTS	2008 2008 2008
Ont 107	* Shipbuilders Creek and tribs (0302-0026)	Monroe	River	C*	D.O./Oxygen Demand Phosphorus Pathogens	Municipal, Onsite WTS Municipal, Onsite WTS Municipal, Onsite WTS	2008 2008 2008
Ont 138	* Oak Orchard Creek (0301-0014)	Genesee	River	C	Nutrients (phosphorus)	Agriculture	1998
<u>Genesee River Drainage Basin</u>							
Ont 117- 27-34	Hemlock Lake Outlet and minor tribs (0402-0013)	Ontario	River	C	Phosphorus Pathogens	Onsite WTS Onsite WTS	2004 2004

<sup>97</sup> Due to analytic limitations, the treatment of non-detect results in the data evaluation, and other data evaluation and quality assurance/quality control issues, additional monitoring and verification of PAHs and some Organochlorine Pesticides loadings in the river are necessary to develop a TMDL.



Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3a - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Impairment) (con't)</b>							
	<u>Oswego River (Finger Lakes) Drainage Basin</u>						
Ont 66-12 (portion 2)	Seneca River, Lower, Main Stem (0701-0008)	Onondaga	River	C	Pathogens	Onsite WTS	1998
<b>Ont 66-12-12-P154- 4</b>	<b>Onondaga Creek, Lower, and tribs (0702-0023)</b>	<b>Onondaga</b>	<b>River</b>	<b>C</b>	<b>Turbidity</b>	<b>Streambank Erosion</b>	<b>2010</b>
Ont 66-12-12-P154- 4	Onondaga Creek, Middle, and tribs (0702-0004)	Onondaga	River	B	Turbidity	Streambank Erosion	2008
Ont 66-12-12-P154- 4	Onondaga Creek, Upper, and tribs (0702-0024)	Onondaga	River	C	Turbidity	Streambank Erosion	2008
Ont 66-12-52-18	Pond Brook and tribs (0704-0004)	Seneca	River	C	D.O./Oxygen Demand	Agriculture	1998
Ont 66-12-52-23- 1	Marbletown Creek (0704-0003)	Wayne	River	C(T)	Pesticides	Agriculture	1998
Ont 66-12-52-23-43	Great Brook and minor tribs (0704-0034)	Ontario	River	C	D.O./Oxygen Demand	Municipal, Urban/Storm	2008
					Phosphorus	Municipal, Urban/Storm	2008
					Silt/Sediment	Municipal, Urban/Storm	2008
Ont 66-12-52-23..(Barge Canal)	NYS Barge Canal (portion 5) (0704-0020)	Wayne	River	C	D.O./Oxygen Demand	Municipal	2008
	<u>Upper Hudson River Drainage Basin</u>						
H-299-P27-13- 1-P30	* Lake Lonely (1101-0034)	Saratoga	Lake	B	Phosphorus	Urban/Storm Runoff	2002

Other (Selected) Statewide Waters

Waters with pH between 6.0 and 6.5 or between 8.5 and 9.0.

Although New York State water quality standards state that pH shall not be less than 6.5 nor more than 8.5, there is considerable evidence that a wider range of pH is supportive of aquatic life and other uses. The NYSDEC Assessment Methodology reflects this fact by indicating that for waters with pH between 6.0 and 6.5 or between 8.5 and 9.0, waters are considered to be “stressed” but supporting of uses (i.e., not “impaired”) unless there are other indications of biological impact. As the triennial water quality standards rule-making effort moves forward, NYSDEC will evaluate the current pH standards for freshwater in light of available research and adopt a criterion that better reflects the natural range of pH in freshwaters and the resulting impact on use support. Pending the development of revised standards/criteria for pH, waters between 6.0 and 6.5 and 8.5 and 9.0 may be assessed as waters with Insufficient Data to make a determination regarding listing (Integrated Reporting Category 3).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3b - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Cause/Pollutant)</b>							
	<u>Niagara River/Lake Erie Drainage Basin</u>						
<b>Ont 158-12-3</b>	<b>Bull Creek and tribs (0102-0026)</b>	<b>Niagara</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Unknown</b>	<b>2010</b>
Ont 158-12-9	Beeman Creek and tribs (0102-0030)	Erie	River	C	D.O./Oxygen Demand	Onsite WTS	2004
					Phosphorus	Onsite WTS	2004
					Pathogens	Onsite WTS	2004
Ont 158-12-11-1	Murder Creek, Lower, and tribs (0102-0031)	Erie	River	C	D.O./Oxygen Demand	Onsite WTS	2004
					Phosphorus	Onsite WTS	2004
					Pathogens	Onsite WTS	2004
Ont 158-12-28	Bowen Brook and tribs (0102-0036)	Genesee	River	C	D.O./Oxygen Demand	Onsite WTS	2004
					Phosphorus	Onsite WTS	2004
<b>Ont 158..E- 1- 6- 6</b>	<b>Plumb Bottom Creek and tribs (0103-0019)</b>	<b>Erie</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Unknown</b>	<b>2010</b>
Ont 158..E- 2- 1	South Branch Smoke Cr, Lower, and tribs (0101-0036)	Erie	River	C	Phosphorus	Urban Runoff	2004
					Silt/Sediment	Urban Runoff, Erosion	2004
Ont 158..E-19	Little Sister Creek, Lower, and tribs (0104-0045)	Erie	River	B	Phosphorus	Onsite WTS	2004
					Pathogens	Onsite WTS	2004
<b>Ont 158..E-32</b>	<b>Scott Creek and tribs (0105-0017)</b>	<b>Chautauqua</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Unknown</b>	<b>2010</b>
<b>Ont 158..E-36</b>	<b>Crooked Brook and tribs (0105-0019)</b>	<b>Chautauqua</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Unknown</b>	<b>2010</b>
	<u>Allegheny River Drainage Basin</u>						
Pa-63-13-4	Chadakoin River and tribs (0202-0018)	Chautauqua	River	C	Aquatic Toxicity	Industrial, Urban Runoff	2008
Pa-63-13-23-P131	* Bear Lake (0201-0003)	Chautauqua	Lake	A	Nutrients (phosphorus)	Agriculture	1998
	<u>Lake Ontario (Minor Tribs) Drainage Basin</u>						
<b>Ont (portion 16)</b>	<b>Rochester Embayment - East (0302-0002)<sup>98</sup></b>	<b>Monroe</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont (portion 17)</b>	<b>Rochester Embayment - West (0301-0068)<sup>98</sup></b>	<b>Monroe</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont (portion 18)</b>	<b>Lake Ontario Shoreline, Western (0301-0069)<sup>98</sup></b>	<b>Monroe</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont (portion 19)</b>	<b>Lake Ontario Shoreline, Western (0301-0070)<sup>98</sup></b>	<b>Orleans</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont (portion 20)</b>	<b>Lake Ontario Shoreline, Western (0301-0071)<sup>98</sup></b>	<b>Orleans</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont (portion 21)</b>	<b>Lake Ontario Shoreline, Western (0301-0072)<sup>98</sup></b>	<b>Niagara</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont (portion 22)</b>	<b>Lake Ontario Shoreline, Western (0301-0053)<sup>98</sup></b>	<b>Niagara</b>	<b>G.Lakes</b>	<b>A</b>	<b>Phosphorus</b>	<b>Agric, Municipal, other</b>	<b>2010</b>
<b>Ont 99</b>	<b>Fourmile Creek and tribs (0302-0006)</b>	<b>Monroe</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Unknown</b>	<b>2010</b>

<sup>98</sup> This listing is a result of impairments due to extensive algal blooms (Cladophora) that are thought to be the result of multiple factors, including elevated phosphorus levels. Further study is necessary to determine the relative contribution of these multiple factors, the role of phosphorus loading to the Lake, whether a TMDL is the most appropriate management response, and if so, what is the appropriate TMDL target/endpoint. Until issues regarding the causes and pollutants and degree of impact, as well as an appropriate water quality standard are clarified, a Part 3b listing for the most significantly affected shoreline waters is considered to be the most appropriate way to recognize these water quality issues on the Section 303(d) List. Other additional Lake Ontario shoreline, embayment and tributary waterbodies were also considered for listing due to elevated phosphorus levels. NYSDEC believes decisions regarding these additional listings are more appropriately deferred pending the outcome of the NYSDEC effort, currently underway, to develop more appropriate numerical nutrient water quality criteria to replace the existing narrative standards and criteria for ponded waters. However USEPA requested that four specific waterbodies be added to the Section 303(d) List; these waterbodies are: Irondequoit Bay (0302-0001), Sodus Bay (0302-0020), East Bay (0302-0011) and North Pond (0303-0002). As noted above, TMDL development for Part 3b waterbodies may be deferred pending verification of the cause/pollutant.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3b - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Cause/Pollutant) (con't)</b>							
Ont 108/P113- 1 thru 6 (selected)	<u>Lake Ontario (Minor Tribes) Drainage Basin</u> (con't) Minor Tribes to Irondequoit Bay (0302-0038) <sup>99</sup>	Monroe	River	C	D.O./Oxygen Demand Phosphorus Pathogens	Municipal, Urban Runoff Municipal, Urban Runoff Municipal, Urban Runoff	2008 2008 2008
Ont 108/P113- 3-12	Thomas Creek/White Brook and tribs (0302-0023)	Monroe	River	B	Phosphorus	Municipal, Urban Runoff	2008
Ont 120	Slater Creek and tribs (0301-0020)	Monroe	River	C	D.O./Oxygen Demand	Onsite WTS	2004
Ont 144	Golden Hill Creek and tribs (0301-0050)	Niagara	River	C	Aquatic Toxicity	Unknown	2008
Ont 148	Eighteenmile Creek, Upp, and minor tribs (0301-0055)	Niagara	River	D	Aquatic Toxicity	Unknown	2008
Ont 149	Hopkins Creek and tribs (0301-0060)	Niagara	River	C	Aquatic Toxicity	Unknown	2008
Ont 156	Fourmile Creek, Lower, and tribs (0301-0066)	Niagara	River	B	Aquatic Toxicity	Unknown	2008
<u>Genesee River Drainage Basin</u>							
<b>Ont 117- 14</b>	<b>Red Creek and Tribs (0402-0024)</b>	<b>Monroe</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Urban Runoff</b>	<b>2010</b>
Ont 117- 18	Little Black Creek, Lower, and tribs (0402-0047)	Monroe	River	C	Aquatic Toxicity	Urban Runoff	2004
<b>Ont 117- 19-28</b>	<b>Spring Creek and tribs (0402-0036)</b>	<b>Genesee</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Urban Runoff</b>	<b>2010</b>
Ont 117- 19-30	Bigelow Creek and tribs (0402-0016)	Genesee	River	C	Phosphorus	Agriculture	2004
<b>Ont 117- 27-13</b>	<b>Unnamed Trib to Honeoye Cr, and tribs (0402-0081)</b>	<b>Monroe</b>	<b>River</b>	<b>C</b>	<b>Nutrients</b>	<b>Agriculture</b>	<b>2010</b>
Ont 117- 57	Jaycox Creek and tribs (0402-0064)	Livingston	River	C	Phosphorus Silt/Sediment	Agriculture Agriculture	2004 2004
Ont 117- 66-22	Mill Creek and minor tribs (0404-0011)	Livingston	River	C(TS)	Silt/Sediment	Streambank Erosion	2004
Ont 117- 70	Silver Lake Outlet, Upper, and tribs (0403-0034)	Wyoming	River	C	Unknown	Unknown	2004
<u>Chemung River Drainage Basin</u>							
Pa 3-57- 5 (portion 4)	Canisteo River, Middle, and minor tribs (0503-0001)	Steuben	River	C	Aquatic Toxicity	Unknown	2008
<u>Susquehanna River Drainage Basin</u>							
<b>SR- 31 thru 37 (selected)</b>	<b>Minor Tribs to Lower Susquehanna (0603-0044) <sup>100</sup></b>	<b>Broome</b>	<b>River</b>	<b>C</b>	<b>Phosphorus</b>	<b>Agric, Urban Runoff</b>	<b>2010</b>
<u>Oswego River (Finger Lakes) Drainage Basin</u>							
Ont 66-12 (portion 1)	* Seneca River, Lower, Main Stem (0701-0001)	Onondaga	River	C	D.O./Oxygen Demand	Invasive Species, Agric	1998
Ont 66-12 (portion 2)	Seneca River, Lower, Main Stem (0701-0008)	Onondaga	River	C	D.O./Oxygen Demand	Invasive Species, Agric	1998
<b>Ont 66-12-12-P154- 2</b>	<b>Bloody Brook and tribs (0702-0006)</b>	<b>Onondaga</b>	<b>River</b>	<b>C*</b>	<b>Aquatic Toxicity</b>	<b>Unknown</b>	<b>2010</b>
Ont 66-12-51	Crane Brook and tribs (0704-0024)	Cayuga	River	C	Salinity	Unknown	2008

<sup>99</sup> The specifically identified impaired water(s) in this segment include Densmore Creek (-5).

<sup>100</sup> The specifically identified impaired water(s) in this segment include Patterson Creek (-36).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3b - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Cause/Pollutant) (con't)</b>							
H-240 (portion 14)	<u>Mohawk River Drainage Basin</u> * Mohawk River, Main Stem (1201-0094)	Oneida	River	C	Floatables Copper D.O./Oxygen Demand Pathogens	Urban Runoff Urban Runoff Urban Runoff Urban Runoff	2004 2004 2004 2004
<b>H-240- 21 thru 28</b>	<b>Minor Tribs to Mohawk River (1201-0040)</b> <sup>101</sup>	<b>Schnectady</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Industrial/Urban Runoff</b>	<b>2010</b>
<b>H- 95-14-P354</b> H-139-13-59	<u>Lower Hudson River Drainage Basin</u> <b>Sylvan Lake (1304-0029)</b> Quaker Creek (1306-0025)	<b>Dutchess</b> Orange	<b>Lake</b> River	<b>B(T)</b> D>C	<b>D.O./Oxygen Demand</b> D.O./Oxygen Demand	<b>Onsite WTS</b> Agriculture	<b>2010</b> 2004
<b>D- 1- 1 thru 11 (selected)</b>	<u>Delaware River Drainage Basin</u> <b>Minor Tribs to Lower Neversink River (1402-0023)</b> <sup>102</sup>	<b>Orange</b>	<b>River</b>	<b>C</b>	<b>Aquatic Toxicity</b>	<b>Municipal/Urban</b>	<b>2010</b>
<b>NJ- 1 (portion 2)</b> NJ- 1- 4 NJ- 1/P977a- NJ- 1/P977a-12 NJ- 5	<u>Ramapo/Hackensack River Basin</u> <b>Hackensack River, Low, and mnr tribs (1501-0026)</b> <b>Naurashaun Brook, Lower, and tribs (1501-0010)</b> <b>Minor Tribs to DeForest Lake (1501-0029)</b> <sup>103</sup> <b>West Br.Hackensack, Upper, and tribs (1501-0009)</b> <b>Pascack Brook and tribs, within NYS (1501-0015)</b>	<b>Rockland</b> <b>Rockland</b> <b>Rockland</b> <b>Rockland</b> <b>Rockland</b>	<b>River</b> <b>River</b> <b>River</b> <b>River</b> <b>River</b>	<b>A</b> <b>A</b> <b>A</b> <b>C(T)</b> <b>C*</b>	<b>Aquatic Toxicity</b> <b>Aquatic Toxicity</b> <b>Aquatic Toxicity</b> <b>Aquatic Toxicity</b> <b>Aquatic Toxicity</b>	<b>Urban/Storm Runoff</b> <b>Urban/Storm Runoff</b> <b>Urban/Storm Runoff</b> <b>Urban/Storm Runoff</b> <b>Urban/Storm Runoff</b>	<b>2010</b> <b>2010</b> <b>2010</b> <b>2010</b> <b>2010</b>
<b>(MW1.2) SI- 8-1-1</b> <b>(MW3.2) LIS- 4</b> <b>(MW3.6) LIS-13</b> <b>(MW7.1b) AO-SB</b> <b>(MW7.1c) AO-QB</b>	<u>Atlantic Ocean/Long Island Sound Drainage Basin</u> <b>Springville Creek, Upper, and tribs (1701-0186)</b> <b>Burling Brook and tribs (1702-0120)</b> Byram River, Lower (1702-0132) <b>Shinnecock Bay and Inlet (1701-0033)</b> <sup>104</sup> <b>Quantuck Bay (1701-0042)</b> <sup>104</sup>	<b>Richmond</b> <b>Westchester</b> Westchester <b>Suffolk</b> <b>Suffolk</b>	<b>River</b> <b>River</b> Estuary <b>Estuary</b> <b>Estuary</b>	<b>B</b> <b>C</b> SC <b>SA</b> <b>SA</b>	<b>Aquatic Toxicity</b> <b>Aquatic Toxicity</b> Pathogens <b>Nitrogen</b> <b>Nitrogen</b>	<b>Urban/Storm Runoff</b> <b>Urban/Storm Runoff</b> Onsite WTS, Urb Runoff <b>Onsite WTS, Urb Runoff</b> <b>Onsite WTS, Urb Runoff</b>	<b>2010</b> <b>2010</b> 2004 <b>2010</b> <b>2010</b>

<sup>101</sup> The specifically identified impaired water(s) in this segment include College Creek (-23), Cowhorn Creek (24), Schemerhorn Creek (-25), Brandywine Creek (-25-1) and other tribs to Schemerhorn Creek.

<sup>102</sup> The specifically identified impaired water(s) in this segment include Gold Creek (-2-1).

<sup>103</sup> The specifically identified impaired water(s) in this segment include the West Branch Hackensack River, Lower (-12).

<sup>104</sup> These listings are a result of impairments due to extensive algal blooms (Brown Tide) that are thought to be the result of multiple factors, including elevated nitrogen levels. Further study is necessary to determine the relative contribution of these multiple factors, the role of nitrogen loading in the Bay, whether a TMDL is the more appropriate management response (and if so, what is the appropriate TMDL target/endpoint). Until these issues regarding causes and pollutants are clarified, Part 3b is the most appropriate place to list the waters of the Bay. Other tributary embayments to these waters were also considered for listing, however decisions regarding these additional listings have been deferred pending further study regarding Brown Tide algal blooms.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3b - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Cause/Pollutant) (con't)</b>							
	<u>Atlantic Ocean/Long Island Sound Drainage Basin</u> (con't)						
(MW7.2a) AO-MB (portion 1)	Moriches Bay, East (1701-0305) <sup>104</sup>	Suffolk	Estuary	SA	Nitrogen	Onsite WTS, Urb Runoff	2010
(MW7.2a) AO-MB (portion 2)	Moriches Bay, West (1701-0038) <sup>104</sup>	Suffolk	Estuary	SA	Nitrogen	Onsite WTS, Urb Runoff	2010
(MW7.2a) AO-MB-170	Terrell River, Upper, and tribs (1701-0103) <sup>105</sup>	Suffolk	River	C(TS)	Aquatic Toxicity	Urban/Storm Runoff	2010
(MW7.3) AO-GSB (portion 1)	Great South Bay, East (1701-0039) <sup>104</sup>	Suffolk	Estuary	SA	Nitrogen	Onsite WTS, Urb Runoff	2010
(MW7.3) AO-GSB (portion 2)	Great South Bay, Middle (1701-0040) <sup>104</sup>	Suffolk	Estuary	SA	Nitrogen	Onsite WTS, Urb Runoff	2010
(MW7.3) AO-GSB (portion 3)	Great South Bay, West (1701-0173) <sup>104</sup>	Suffolk	Estuary	SA	Nitrogen	Onsite WTS, Urb Runoff	2010
(MW7.5) AO-GSB-178	Beaverdam Creek and tribs (1701-0104)	Suffolk	River	C(TS)	Ammonia	Urban/Storm Runoff	2010
(MW7.5) AO-GSB-179	Motts Creek, Upper, and tribs (1701-0325) <sup>105</sup>	Suffolk	River	C	Aquatic Toxicity	Urban/Storm Runoff	2010
(MW7.8) AO-GSB-197	Awixa Creek, Upper, and tribs (1701-0093)	Suffolk	River	C	Aquatic Toxicity	Urban/Storm Runoff	2010
(MW7.8) AO-GSB-198	Penataquit Creek, Upper, and tribs (1701-0092) <sup>105</sup>	Suffolk	River	C	Aquatic Toxicity	Urban/Storm Runoff	2010
(MW8.3a) MDB-230,231	Milburn/Parsonage Cr, Upp, and tribs (1701-0212)	Nassau	River	C	Aquatic Toxicity	Urban/Storm Runoff	2010
(MW8.5a) JB-241	Valley Stream, Upper, and tribs (1701-0225) <sup>105</sup>	Nassau	River	C	Aquatic Toxicity	Urban/Storm Runoff	2010

<sup>105</sup> Although this water is considered to be impaired, poor sampling habitat also influences the biological sampling results that indicate moderately impacted conditions.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3c - Waterbodies for which TMDL Development May be Deferred (Pending Implementation/Evaluation of Other Restoration Measures)</b>							
	<u>Oswego River (Finger Lakes) Drainage Basin</u>						
Ont 66-12-12	Onondaga Lake Outlet (0702-0020) <sup>106</sup>	Onondaga	River	B	D.O./Oxygen Demand	Municipal,Urban Runoff	2008
Ont 66-12-12-P154 (portion 2)	Onondaga Lake, southern end (0702-0021) <sup>106</sup>	Onondaga	Lake	C	Pathogens	CSOs,Municipl,Urb	2008
Ont 66-12-12-P154-	Minor Tribs to Onondaga Lake (0702-0022) <sup>106</sup>	Onondaga	River	C	Pathogens	CSOs,Municipl,Urb	2008
					Nutrients (phosphorus)	CSOs,Municipl,Urb	2008
					Nitrogen (NH <sub>3</sub> , NO <sub>2</sub> )	CSOs,Municipl,Urb	2008
					Cyanide	CSOs,Municipl,Urb	2008
Ont 66-12-12-P154- 2	Bloody Brook and tribs (0702-0006) <sup>106</sup>	Onondaga	River	C*	Pathogens	Municipal,Urban Runoff	2008
Ont 66-12-12-P154- 3	Ley Creek and tribs (0702-0001) <sup>106</sup>	Onondaga	River	C*	Pathogens	Municipal,Urban Runoff	2008
					Nutrients (phosphorus)	CSOs,Municipl,Urb	1998
					Ammonia (NH <sub>3</sub> )	CSOs,Municipl,Urb	1998
					Cyanide	Municipal,Urban Runoff	2008
Ont 66-12-12-P154- 4	Onondaga Creek, Lower (0702-0023) <sup>106</sup>	Onondaga	River	C	Pathogens	CSOs,Municipl,Urb	2008
					Nutrients (phosphorus)	CSOs,Municipl,Urb	1998
					Ammonia (NH <sub>3</sub> )	CSOs,Municipl,Urb	1998
Ont 66-12-12-P154- 4	Onondaga Creek, Middle, and tribs (0702-0004) <sup>106</sup>	Onondaga	River	B	Pathogens	CSOs,Municipl,Urb	2008
					Nutrients (phosphorus)	CSOs,Municipl,Urb	2008
					Ammonia (NH <sub>3</sub> )	CSOs,Municipl,Urb	2008
Ont 66-12-12-P154- 5	Harbor Brook, Lower, and tribs (0702-0002) <sup>106</sup>	Onondaga	River	B	Pathogens	CSOs,Municipl,Urb	2008
					Nutrients (phosphorus)	CSOs,Municipl,Urb	1998
					Ammonia (NH <sub>3</sub> )	CSOs,Municipl,Urb	1998
Ont 66-12-12-P154- 6	Ninemile Creek, Lower, and tribs (0702-0005) <sup>106</sup>	Onondaga	River	C	Pathogens	Municipal,Urban Runoff	2008
					Nutrients (phosphorus)	Municipal,Urban Runoff	1998
Ont 66-12-12-P154- 6- 2	Geddes Brook and tribs (0702-0007) <sup>106</sup>	Onondaga	River	C	Ammonia (NH <sub>3</sub> )	Municipal,Urban Runoff	1998
Ont 66-12-29	Skaneateles Creek (0707-0003) <sup>107</sup>	Onondaga	River	C(T)	PCBs	Industrial/Land Disp.	1998
	<u>Black River Drainage Basin</u>						
Ont 19- 6 (-1)	Kelsey Creek (0801-0191) <sup>108</sup>	Jefferson	River	C	PCBs	Industr, Contam.Sed.	1998

<sup>106</sup> Many impairments to these waters are being addressed through the efforts of the Onondaga Lake Partnership. Onondaga Lake and some of its tribs (Ley Creek, Onondaga Creek, Harbor Brook) have or will also benefit from actions related to the Onondaga Lake Amended Consent Judgement.

<sup>107</sup> Impairments to Skaneateles Creek have been verified, but the impairment is thought to have been addressed through completed environmental (hazardous waste) remediation actions.

<sup>108</sup> Impairments to Kelsey Creek have been verified, but the impairment is being addressed through on-going environmental (hazardous waste) remediation actions.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Class	Cause/Pollutant	Source	Year
<b>Part 3c - Waterbodies for which TMDL Development May be Deferred (Pending Implementation/Evaluation of Other Restoration Measures)</b>							
<u>Upper Hudson River Basin</u>							
H (portion 1)	Hudson River, Main Stem (1101-0002) <sup>109</sup>	Saratoga	River	A	PCBs	Contaminated Sed.	1998
H (portion 2)	Hudson River, Main Stem (1101-0042) <sup>109</sup>	Saratoga	River	C	PCBs	Contaminated Sed.	1998
H (portion 3)	Hudson River, Main Stem (1101-0043) <sup>109</sup>	Saratoga	River	B	PCBs	Contaminated Sed.	1998
H (portion 4)	Hudson River, Main Stem (1101-0044) <sup>109</sup>	Saratoga	River	C	PCBs	Contaminated Sed.	1998
H (portion 5)	Hudson River, Main Stem (1101-0005) <sup>109</sup>	Saratoga	River	B	PCBs	Contaminated Sed.	1998
<u>Atlantic Ocean/Long Island Sound Drainage Basin</u>							
(MW1.1) LB/GB-253	Coney Island Creek (1701-0008) <sup>110</sup>	Kings	Estuary	I	D.O./Oxygen Demand Pathogens	Urban/CSO, OWTS Urban/CSO, OWTS	1998 2002
(MW1.3) UB-EB- 1	Gowanus Canal (1701-0011) <sup>110</sup>	Kings	Estuary	SD	D.O./Oxygen Demand	Urban/Storm/CSO	1998
(MW2.1) ER-LI- 4	Newtown Creek and tidal tribs (1702-0002) <sup>110</sup>	Queens	Estuary	SD	D.O./Oxygen Demand	Urban/Storm/CSO	2004
(MW2.4) ER-3	Bronx River, Lower (1702-0006) <sup>110</sup>	Bronx	Estuary	I	Pathogens Oxygen Demand	Urban/Storm/CSO Urban/Storm/CSO	1998 2004
(MW2.4) ER-3	Bronx River, Middle, and tribs (1702-0106) <sup>110</sup>	Bronx	River	B	Pathogens	Urban/Storm/CSO	2002
(MW2.4) ER-4	Westchester Creek (1702-0012) <sup>110</sup>	Bronx	Estuary	I	D.O./Oxygen Demand	Urban/Storm/CSO	2004
(MW2.5) ER-LI-12	Flushing Creek/Bay (1702-0005) <sup>110</sup>	Queens	Estuary	I	D.O./Oxygen Demand	Urban/Storm/CSO	2004
(MW2.5) ER/LIS-LNB-19 thru 20	Alley Creek/Little Neck Bay Trib (1702-0009) <sup>110</sup>	Queens	Estuary	I>SC	Oxygen Demand	Urban/Storm/CSO	2004
(MW3.2) LIS- 2	Hutchinson River, Lower, and tribs (1702-0003) <sup>110</sup>	Bronx	Estuary	SB	D.O./Oxygen Demand	Urban/Storm/CSO	2004
(MW8.5b) JB	Jamaica Bay, Eastern, and tribs, Queens (1701-0005) <sup>110</sup>	Queens	Estuary	SB	Pathogens	Urban/CSO,Municipl	1998
(MW8.5b) JB-241a	Thurston Basin (1701-0152) <sup>110</sup>	Queens	Estuary	I	D.O./Oxygen Demand	Urban/Storm/CSO	2002
(MW8.5b) JB-247	Bergen Basin (1701-0009) <sup>110</sup>	Queens	Estuary	I	Pathogens	Urban/CSO,Municipl	1998
(MW8.5b) JB-248a	Shellbank Basin (1701-0001) <sup>110</sup>	Queens	Estuary	I	Nitrogen D.O./Oxygen Demand	Urban/Storm/CSO Urban/Storm/CSO	1998 2002
(MW8.5b) JB-249	Spring Creek (1701-0361) <sup>110</sup>	Queens	Estuary	I	D.O./Oxygen Demand Pathogens	Urban/CSO,Municipl Urban/CSO,Municipl	2002 2002
(MW8.6) JB-249a	Hendrix Creek (1701-0006) <sup>110</sup>	Kings	Estuary	I	Pathogens	Urban/Storm/CSO	2002
(MW8.6) JB-250a	Paerdegat Basin (1701-0363) <sup>110</sup>	Kings	Estuary	I	D.O./Oxygen Demand	Urban/Storm/CSO	1998
(MW8.6) JB-250b	Mill Basin and tidal tribs (1701-0178) <sup>110</sup>	Kings	Estuary	SB	D.O./Oxygen Demand	Urb/Storm Runoff	1998

<sup>109</sup> Impairments to these waters are being addressed by a Record of Decision and the on-going remediation of the River.

<sup>110</sup> Impairments to these waters are being addressed by a 2005 Order on Consent with NYC directing the city to develop and implement watershed and facility plans to address CSO discharges and bring New York City waters into compliance with the Clean Water Act. This may include a revision of water quality standards based on a Use Attainability Analysis if fishable/swimmable goals of the CWA are not attainable. NYSDEC remains committed to the development of harbor-wide TMDLs for nutrients, pathogens and toxics. However, it is appropriate to defer development of separate TMDLs for these individual CSO-impacted waterbodies in light of the enforceable requirements of the NYC CSO Consent Order.

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
<b>Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain)</b>								
						<b>NOTE: Waters listed here ARE included in the 2010 Section 303(d) List</b>		
	<u>Black River Drainage Basin</u>							
Ont 19-104-P981-1-P982..P984	* Bloodsucker Pond (0801-0135) <sup>111</sup>	Herkimer	Lake	4.0 A	C	pH	Acid Rain	1998
	Cat Pond (0801-0036)	Herkimer	Lake	6.0 A	C(T)	pH	Acid Rain	1998
Ont 19- 94-1-P918	Doe Pond (0801-0161) <sup>112</sup>	Herkimer	Lake	3.0 A	D	pH	Acid Rain	1998
Ont 19- 40-P449-2-P450..P453	Mirror Pond (0801-0146) <sup>113</sup>	Lewis	Lake	1.0 A	C	pH	Acid Rain	1998
Ont 19- 90-5-P909	Poplar Pond (0801-0078) <sup>114</sup>	Herkimer	Lake	3.0 A	C	pH	Acid Rain	1998
Ont 19- 40- 3-P409	Unnamed P #4-409 (0801-0142) <sup>115</sup>	Lewis	Lake	2.0 A	C	pH	Acid Rain	1998
Ont 19- 40-17-P437	Unnamed P #4-437 (0801-0143) <sup>116</sup>	Lewis	Lake	4.0 A	C(T)	pH	Acid Rain	1998
	<u>Saint Lawrence River Drainage Basin</u> <sup>117</sup>							
SLC-29-13-P31	Owlshead Pond (0902-0016) <sup>118</sup>	Essex	Lake	1.0 A	AA	pH	Acid Rain	1998
SLC-29-13..P32	Childs Pond (0902-0013) <sup>119</sup>	Franklin	Lake	2.0 A	?	pH	Acid Rain	1998
SLC-29-21-7-...P40a	Razorback Pond (0902-0017) <sup>120</sup>	Essex	Lake	1.0 A	D	pH	Acid Rain	1998
SLC-29-P050-3-1-P57	South Duck Pond (0902-0018) <sup>121</sup>	Essex	Lake	2.0 A	D	pH	Acid Rain	1998

<sup>111</sup> This small lake is included in the Woodhull Lake segment (0801-0441).

<sup>112</sup> This small lake is included in the Long Lake Outlet/Cummings Creek, and tribs segment (0801-0415).

<sup>113</sup> This small lake is included in the Francis Lake segment (0801-0192).

<sup>114</sup> This small lake is included in the Mile Brook and tribs segment (0801-0408).

<sup>115</sup> This small lake is included in the Murmur Creek and tribs segment (0801-0219).

<sup>116</sup> This small lake is included in the Beaver River, Middle, and tribs segment (0801-0278).

<sup>117</sup> Waters in the Saint Lawrence River Drainage Basin portion of Appendix A have been re-ordered by hydrology (previously, these waters were listed alphabetically).

<sup>118</sup> This small lake is included in the Roaring Brook, Salmon River Trib segment (0902-0077). It was previously mis-identified as Owls Head Pond SLC-29-22-P47 in the Owls Head Pond segment (0902-0083).

<sup>119</sup> This small lake is included in the Roaring Brook, Salmon River Trib segment (0902-0077).

<sup>120</sup> This small lake is included in the Duck Pond segment (0902-0081).

<sup>121</sup> This small lake is included in the Mountain View Lake, Indian Lake segment (0902-0030).



Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
<b>Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain) (con't)</b>								
	<u>Saint Lawrence River Drainage Basin</u> (con't)							
SLC-32- 6-31-P87	Mountain Pond (0902-0019) <sup>122</sup>	Essex	Lake	4.0 A	B	pH	Acid Rain	1998
SLC-32-P170a	Unnamed P #3-170 (0902-0009) <sup>123</sup>	Franklin	Lake	3.0 A	AA(T)	pH	Acid Rain	1998
SLC-32-52-15-P179a-5-7-P186	Ward Pond (0902-0020) <sup>124</sup>	Essex	Lake	3.0 A	D	pH	Acid Rain	1998
SLC-32-69- 6-P226	Hidden Pond (0902-0022) <sup>125</sup>	Essex	Lake	5.0 A	D	pH	Acid Rain	1998
SLC-32-86-P252	Unnamed P #3-252 (0902-0023) <sup>126</sup>	Essex	Lake	2.0 A	C	pH	Acid Rain	1998
SLC-32-P257a-P264-P265..P268a	Mikes Pond (0902-0024) <sup>127</sup>	Essex	Lake	1.0 A	D	pH	Acid Rain	1998
SL- 1- 58-1-P37	Unnamed P #6-037 (0903-0034) <sup>128</sup>	St.Lawrence	Lake	1.0 A	D	pH	Acid Rain	1998
SL- 1- 65-26-2-P52	Spring Pond (0903-0035) <sup>129</sup>	Essex	Lake	3.0 A	D	pH	Acid Rain	1998
SL- 1- 65-26-3-P55	Unnamed P #6-055 (0903-0036) <sup>130</sup>	Essex	Lake	3.0 A	D	pH	Acid Rain	1998
SL- 1- 65-P60	Roberts Pond (0903-0030) <sup>131</sup>	St.Lawrence	Lake	1.0 A	D	pH	Acid Rain	1998
SL- 1- 74-1-P063-P64	Preston Pond (0903-0031) <sup>132</sup>	St.Lawrence	Lake	4.0 A	D	pH	Acid Rain	1998
SL- 1- 77-P67	Unnamed P #6-067 (0903-0026) <sup>133</sup>	St.Lawrence	Lake	1.0 A	C(T)	pH	Acid Rain	1998

<sup>122</sup> This small lake is included in the Mountain Ponds segment (0902-0108).

<sup>123</sup> This small lake is included in the Mud Pd, Long Pd, Little Clear Pd segment (0902-0005).

<sup>124</sup> This small lake is included in the South Star Mountain, Baker, McColloms Ponds segment (0902-0145).

<sup>125</sup> This small lake is included in the Madawaska Pond, Quebec Pond segment (0902-0153).

<sup>126</sup> This small lake is included in the Black Pond, Long Pond segment (0905-0156).

<sup>127</sup> This small lake is included in the Rolley, Little Long, Bear, Bickford Ponds segment (0902-0007).

<sup>128</sup> This small lake is included in the McCuen Pond, Buck Pond segment (0903-0102).

<sup>129</sup> This small lake is included in the Minor Lakes Trib to Jordan River segment (0903-0107).

<sup>130</sup> This small lake is included in the Minor Lakes Trib to Jordan River segment (0903-0107).

<sup>131</sup> This small lake is included in the Leonard Pond, Crooked Lake segment (0903-0109).

<sup>132</sup> This small lake is included in the Leonard Pond, Crooked Lake segment (0903-0109).

<sup>133</sup> This small lake is included in the Chandler Pond segment (0903-0110).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
<b>Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain) (con't)</b>								
	<u>Saint Lawrence River Drainage Basin</u> (con't)							
SL- 1-109- 4-1-P80-2-P81	Buck Pond (0903-0037) <sup>134</sup>	St.Lawrence	Lake	2.0 A	D	pH	Acid Rain	1998
SL- 1-P089- 1-2-P94	Unnamed P #6-094 (0903-0023) <sup>135</sup>	Franklin	Lake	5.0 A	D	pH	Acid Rain	1998
SL- 1-P089- 1...P107	Unnamed P #6-107 (0903-0038) <sup>136</sup>	Essex	Lake	1.0 A	D	pH	Acid Rain	1998
SL- 1-P109-11-2-P118-3-P121	Hedgehog Pond (0903-0020) <sup>137</sup>	Hamilton	Lake	5.0 A	?	pH	Acid Rain	1998
SL- 1-P109-11-2-P118-P122	Unnamed P #6-122 (0903-0039) <sup>138</sup>	Hamilton	Lake	2.0 A	D	pH	Acid Rain	1998
SL- 1-P109-11-2-P118-P125a	Unnamed P #6-125a (0903-0040) <sup>139</sup>	Hamilton	Lake	1.0 A	D	pH	Acid Rain	1998
SL- 1-P109-11-2...P141	Unnamed P #6-141 (0903-0018) <sup>140</sup>	Hamilton	Lake	4.0 A	D	pH	Acid Rain	1998
SL- 1-162-28-P231	Rock Pond (0903-0013) <sup>141</sup>	Essex	Lake	5.0 A	C	pH	Acid Rain	1998
SL- 1-162-P235-2-P238..P240	Hunter Pond (0903-0042) <sup>142</sup>	Essex	Lake	1.0 A	C(T)	pH	Acid Rain	1998
SL- 2-59-32-1-P353	Egg Pond (0904-0003) <sup>143</sup>	St.Lawrence	Lake	1.0 A	D	pH	Acid Rain	1998
SL- 2-59-32-2-1-P355	Cartridge Hills P (0904-0004) <sup>144</sup>	St.Lawrence	Lake	1.0 A	C(T)	pH	Acid Rain	1998
SL-25-73-40-P235	Unnamed P #4-235 (0905-0076) <sup>145</sup>	Jefferson	Lake	2.0 A	C(T)	pH	Acid Rain	1998

<sup>134</sup> This small lake is included in the Eagle Crag Lake segment (0903-0114).

<sup>135</sup> This small lake is included in the Lead Pond segment (0903-0118).

<sup>136</sup> This small lake is included in the Heavens Pond segment (0903-0121).

<sup>137</sup> This small lake is included in the Bog Stream and tribs segment (0903-0215).

<sup>138</sup> This small lake is included in the Bog Stream and tribs segment (0903-0215).

<sup>139</sup> This small lake is included in the Bog Stream and tribs segment (0903-0215).

<sup>140</sup> This small lake is included in the Otter Pond, Loon Ponds segment (0903-0141).

<sup>141</sup> This small lake is included in the Mountain Pond segment (0903-0176).

<sup>142</sup> This small lake is included in the Lower, Upper Preston Ponds segment (0903-0178).

<sup>143</sup> This small lake is included in the Sampson Pond segment (0904-0060).

<sup>144</sup> This small lake is included in the Jocks Pond segment (0904-0064).

<sup>145</sup> This small lake is included in the Little Deer Pond segment (0905-0167).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
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**Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain) (con't)**

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
<u>Saint Lawrence River Drainage Basin</u> (con't)								
SL-25-101-P279	Readway Pond (0905-0043) <sup>146</sup>	St.Lawrence	Lake	2.0 A	D	pH	Acid Rain	1998
SL-25-101-24-P282	Unnamed P #4-282 (0905-0077) <sup>147</sup>	St.Lawrence	Lake	1.0 A	D	pH	Acid Rain	1998
SL-25-101-34-2-P297	Unnamed P #4-297 (0905-0079) <sup>148</sup>	St.Lawrence	Lake	3.0 A	C(T)	pH	Acid Rain	1998
SL-25-115-P307	Lost Pond (0905-0040) <sup>149</sup>	St.Lawrence	Lake	6.0 A	C(T)	pH	Acid Rain	1998
SL-25-P309- 9-P317	Little Dog Pond (0905-0039) <sup>150</sup>	St.Lawrence	Lake	6.0 A	C	pH	Acid Rain	1998
SL-25-P309-11...P324	Unnamed P #4-324 (0905-0070) <sup>151</sup>	St.Lawrence	Lake	4.0 A	C(T)	pH	Acid Rain	1998
<u>Lake Champlain Drainage Basin</u> <sup>152</sup>								
C- 15-18..P34	Dow Pond (1003-0022) <sup>153</sup>	Franklin	Lake	1.0 A	C(T)	pH	Acid Rain	1998
C- 15-18..P36	Unnamed P #2-036 (1003-0023) <sup>154</sup>	Franklin	Lake	3.0 A	C(T)	pH	Acid Rain	1998
C- 15-22-24-P46	Mountain Pond (1003-0024) <sup>155</sup>	Essex	Lake	5.0 A	C(T)	pH	Acid Rain	1998
C- 15-22..P46a	Line Pond (1003-0025) <sup>156</sup>	Essex	Lake	5.0 A	C(T)	pH	Acid Rain	1998
C- 15-22-24-P48..P51	Bass Lake (1003-0011) <sup>157</sup>	Franklin	Lake	6.0 A	B	pH	Acid Rain	1998

<sup>146</sup> This small lake is included in the Star Lake segment (0905-0180).

<sup>147</sup> This small lake is included in the Shingle Pond segment (0905-0175).

<sup>148</sup> This small lake is included in the Heath Pond, Muskrat Pond segment (0905-0182).

<sup>149</sup> This small lake is included in the Dillon Pond segment (0905-0186).

<sup>150</sup> This small lake is included in the Curtis Pond, Dog Pond segment (0905-0004).

<sup>151</sup> This small lake is included in the John Pond, Scott Pond, Colvin Pond segment (0905-0190).

<sup>152</sup> Waters in the Lake Champlain Drainage Basin portion of Appendix A have been re-ordered by hydrology (previously, these waters were listed alphabetically).

<sup>153</sup> This small lake is included in the True Brook and tribs segment (1003-0055). It was previously mis-identified as Dow Pond (P35).

<sup>154</sup> This small lake is included in the True Brook and tribs segment (1003-0055).

<sup>155</sup> This small lake is included in the Loon Lake segment (1003-0060).

<sup>156</sup> This small lake is included in the Loon Lake segment (1003-0060).

<sup>157</sup> This small lake is included in the Loon Lake segment (1003-0060).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
<b>Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain) (con't)</b>								
	<u>Lake Champlain Drainage Basin</u> (con't)							
C- 15-22..P67	Unnamed P #2-067 (1003-0026) <sup>158</sup>	Essex	Lake	2.0 A	B(T)	pH	Acid Rain	1998
C- 15-22..P68	Unnamed P #2-068 (1003-0017) <sup>159</sup>	Franklin	Lake	3.0 A	B(T)	pH	Acid Rain	1998
C- 15-51- 2..P79	Unnamed P #2-079 (1003-0027) <sup>160</sup>	Essex	Lake	1.0 A	C(T)	pH	Acid Rain	1998
C- 15-51- 2..P80	Unnamed P #2-080 (1003-0028) <sup>161</sup>	Essex	Lake	2.5 A	C(T)	pH	Acid Rain	1998
C- 15-51- 2..P81	Marsh Pond (1003-0020) <sup>162</sup>	Franklin	Lake	4.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P120..P122	West Polliwog Pond (1003-0016) <sup>163</sup>	Essex	Lake	3.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P125..P127a	Little Egg Pond (1003-0031) <sup>164</sup>	Essex	Lake	1.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P125..P132	SW Amphitheatre Pond (1003-0015) <sup>165</sup>	Franklin	Lake	1.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P125..P139	* East Copperas Pond (1003-0004) <sup>166</sup>	Essex	Lake	6.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P140..P141	North Whey Pond (1003-0013) <sup>167</sup>	Franklin	Lake	3.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P142..P145	Marsh Pond (1003-0029) <sup>168</sup>	Essex	Lake	4.0 A	C(T)	pH	Acid Rain	1998
C- 15-P114..P142..P166	Unnamed P #2-166 (1003-0032) <sup>169</sup>	Essex	Lake	2.0 A	AA	pH	Acid Rain	1998

<sup>158</sup> This small lake is included in the Minor Lakes Trib to Upper North Branch segment (1003-0064).

<sup>159</sup> This small lake is included in the Minor Lakes Trib to Upper North Branch segment (1003-0064).

<sup>160</sup> This small lake is included in the Trowbridge Brook and tribs segment (1003-0070).

<sup>161</sup> This small lake is included in the Trowbridge Brook and tribs segment (1003-0070).

<sup>162</sup> This small lake is included in the Towbridge Brook and tribs segment (1003-0070). It was previously mis-identified as Marsh Pond (P145) and was listed with the Floodwood Pond segment (1003-0095).

<sup>163</sup> This small lake is included in the Polliwog Pond segment (1003-0090).

<sup>164</sup> This small lake is included in the Square Pond segment (1003-0093).

<sup>165</sup> This small lake is included in the Square Pond segment (1003-0093).

<sup>166</sup> This small lake is included in the Square Pond segment (1003-0093). It was previously mis-identified as Copperas Pond (P234) and included within the Minor Lakes Trib to W.Br. Ausable River, Middle segment (1004-0065).

<sup>167</sup> This small lake is included in the Little Square Pond segment (1003-0094).

<sup>168</sup> This small lake is included in the Rock Pond segment (1003-0101).

<sup>169</sup> This small lake is included in the Floodwood Pond segment (1003-0095).

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
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**Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain) (con't)**

Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
	<u>Lake Champlain Drainage Basin</u> (con't)							
C- 15-P114..P189	Unnamed P #2-189 (1003-0033) <sup>170</sup>	Essex	Lake	3.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P191..P191a	McCaffery Pond (1003-0034) <sup>171</sup>	Essex	Lake	2.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P191..P196	Unnamed P #2-196 (1003-0035) <sup>172</sup>	Essex	Lake	1.0 A	AA	pH	Acid Rain	1998
C- 15-P114..P191..P197	Sochia Pond (1003-0014) <sup>173</sup>	Franklin	Lake	4.0 A	AA(T)	pH	Acid Rain	1998
C- 15-P114..P199..P200	Lindsey Pond (1003-0036) <sup>174</sup>	Essex	Lake	6.0 A	AA	pH	Acid Rain	1998
C- 25-26- 4-P222..P223	Unnamed P #2-223 (1004-0011) <sup>175</sup>	Essex	Lake	5.0 A	C(T)	pH	Acid Rain	1998
C- 25-26-39..P261	Scott Pond (1004-0008) <sup>176</sup>	Essex	Lake	3.0 A	C(T)	pH	Acid Rain	1998
C- 25-26-39..P263	Unnamed P #2-263 (1004-0009) <sup>177</sup>	Essex	Lake	2.0 A	C(T)	pH	Acid Rain	1998
C- 25-27-25..P269	Unnamed P #2-269 (1004-0010) <sup>178</sup>	Essex	Lake	2.0 A	AA(T)	pH	Acid Rain	1998
C- 25-27..P272	Lost Pond (1004-0007) <sup>179</sup>	Essex	Lake	3.0 A	AA(T)	pH	Acid Rain	1998
C- 48-67-P327	Bullet Pond (1004-0017) <sup>180</sup>	Essex	Lake	1.0 A	C(T)	pH	Acid Rain	1998
C- 48..P332	Cranberry Pond (1004-0006) <sup>181</sup>	Essex	Lake	2.0 A	D	pH	Acid Rain	1998

<sup>170</sup> This small lake is included in the Minor Lakes Trib to Upper Saranac Lake segment (1003-0086).

<sup>171</sup> This small lake is included in the Little Clear Pond segment (1003-0107).

<sup>172</sup> This small lake is included in the Little Clear Pond segment (1003-0107).

<sup>173</sup> This small lake is included in the Little Clear Pond segment (1003-0107).

<sup>174</sup> This small lake is included in the Lake Clear segment (1003-0109).

<sup>175</sup> This small lake is included in the Fern Lake segment (1004-0060).

<sup>176</sup> This small lake is included in the Minor Lakes Trib to West Branch Ausable River, Upper segment (1004-0070).

<sup>177</sup> This small lake is included in the Minor Lakes Trib to West Branch Ausable River, Upper segment (1004-0070).

<sup>178</sup> This small lake is included in the Lower Cascade, Upper Cascade, Mud Lakes segment (1004-0075).

<sup>179</sup> This small lake is included in the East Branch Ausable River, Middle, and tribs segment (1004-0071).

<sup>180</sup> This small lake is included in the Boquet River, Upper, and tribs segment (1004-0081).

<sup>181</sup> This small lake is included in the Boquet River, Upper, and tribs segment (1004-0081).

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Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
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**Appendix A - Smaller Lakes Impaired by Atmospheric Deposition (Acid Rain) (con't)**

	<u>Lake Champlain Drainage Basin</u> (con't)							
C- 96- 4- 4-P350	Snake Pond(1005-0001) <sup>182</sup>	Essex	Lake	4.0 A	C(T)	pH	Acid Rain	1998
C- 96-P355..P359	Mud Pond (1004-0016) <sup>183</sup>	Essex	Lake	3.0 A	AA	pH	Acid Rain	1998

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<sup>182</sup> This small lake is included in the Sherman Lake (Goosepuddle/Burriss Pond) segment (1005-0016).

<sup>183</sup> This small lake is included in the Putnam/North Ponds segment (1005-0018).

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Water Index Number	Waterbody Name (WI/PWL ID)	County	Type	Size	Class	Cause/Pollutant	Source	Year
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### Appendix B - Listed Waterbodies Not Meeting Dissolved Oxygen Standards, Pending Verification of Use Impairments/Pollutants/Sources

It is widely accepted that morphology and other natural conditions may contribute to periodic dissolved oxygen depletion at lower depths in significant numbers of thermally stratified waters. However bottom water conditions are not necessarily representative of the waterbody as a whole and aquatic life and other uses are often fully supported in these waters. Although NYS water quality standards may not be met at times in these waters, the USEPA policy of independent applicability allows for resolving differences in assessment results by weighing the higher quality or more representative data set more favorably in the attainment decision.

NYSDEC acknowledges that available monitoring data shows water quality standards for dissolved oxygen in many waterbodies, including 45 specific waterbodies identified by USEPA, are not met at all times/seasons or depths. However NYSDEC has not verified that specific uses of these waters are actually impaired or determined that the violation of the water quality standard is a result of factors other than natural conditions (e.g., natural lake stratification versus excess nutrient loading from human activity). While it is not practical to include a listing of all the waters that correspond to the USEPA interpretation and application of the dissolved oxygen standard for listing making decisions, the 45 waterbodies specifically identified by USEPA are listed below.<sup>184</sup>

Prior to the next listing cycle NYSDEC will include in its established monitoring and assessment program a schedule for the evaluation of whether these 46 waters are impaired in any significant manner by pollutant loadings that are from other than natural conditions. Upon verification of impairment to these waters from other than natural sources or conditions, NYSDEC will undertake the preparation of a TMDL to address the impairment, unless a TMDL or other restoration strategy plan to address the impairment is already in place or a TMDL is not needed because a single entity is the source of a significant majority of the pollutant loading that is causing the impairment - obviating the need for a load allocation among various sources.

NYSDEC will continue to evaluate its dissolved oxygen standards language in order to more appropriately reflect the impact of natural conditions and occurrence of periodic low dissolved oxygen in waters of the state. In the meantime, NYSDEC will review dissolved oxygen data in conjunction with other available data (particularly biological assessments that are more directly reflective of aquatic life use) to determine the actual level of impacts and specific causes in order to reach the most appropriate water quality assessment decisions. This approach is discussed in more detail in the *Assessment of Naturally Occurring Low Dissolved Oxygen Waters* section of the *Assessment Methodology*.

<sup>184</sup> Specific waterbodies with low dissolved oxygen from undetermined causes (natural or other) that USEPA requested be added to the Section 303(d) List: Clear Lake (0104-0057), Crystal Lake (0104-0070), Case Lake (0201-0020), Cuba Lake (0201-0016), Upper Cassadaga Lake (0202-0001), Hyde Lake (0303-0043), Lamoka Lake and Mill Pond (0502-0001), Waneta Lake (0502-0002), Lower/Upper Little York Lakes (0602-0017), Tully Lake (0602-0018), Norwich Reservoirs (0602-0010), Lake Moraine (0602-0007), Lebanon Reservoir (0602-0109), Eaton Brook Reservoir (0602-0041), Afton Lake (0601-0010), Chenango Lake (0601-0013), Weaver Lake (Maumee Swamp) (0601-0025), Otisco Lake (0702-0011), Upper Saranac Lake (1003-0048), Taylor Pond (and Mud Pond) (1004-0063), Lower Cascade/Upper Cascade/Mud Lakes (1004-0075), Putnam/North Pond (1005-0018), Lake Lauderdale, Schoolhouse Lake (1102-0011), Lake Gilead (1302-0024), Lake Gleneida (1302-0025), Lake Tonetta (1302-0014), Barger Pond (1301-0091), Copake Lake (1310-0014), Watervliet Reservoir (1311-0001), Burden Lake (1301-0025), White/Amber Lakes (1401-0018), Swan Lake (1401-0063), Big Mohican Lake (1401-0007), Lake Huntington (1401-0008), Silver Lake Reservoir (1701-0359), Whitney Lake (1702-0101), Laurel Pond (1701-0128), Fort Pond (1701-0122), Wainscott Pond/Fairfield Pond (1701-0144), Old Town Pond (1701-0118), Agawam Lake (1701-0117), West and East Mill Ponds (1701-0026), Massapequa Lake (1701-0156), Camaans Pond (1701-0052), Milburn Pond (1701-0053).