

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Silver Lake TMDL
Name: Silver Lake TMDL
Type: TMDL/303d Projects
Subtype: Implement TMDL
Status: COMPLETE
Start Date: 05/01/2010
End Date: 04/30/2017
Purpose: Silver Lake, located in Manitowoc Rapids Township, Manitowoc County, Wisconsin, in the Manitowoc River Basin, was listed as impaired due to excess phosphorus. The Lake is nutrient (phosphorus (P)) impaired as a result of agriculture, internal loading and local land use, is listed on the 1998 303(d) list as a high priority water and external load sources are nonpoint source (NPS) dominated. The designated use for Silver Lake is a full recreation, warm water sport fishery. Pollutant export data and information on the soils, topography, and other background information on the Silver Lake watershed is included in the Nonpoint Source Pollution Control Plan for the Sevenmile-Silver Creek Priority Watershed, dated February 1987.
Objective: The water quality of Silver Lake, at the beginning of the water quality improvements, was generally poor to very poor, falling into the eutrophic to hypereutrophic category (see "Nonpoint source control Plan for the Sevenmile – Silver Creek Priority Watershed Plan" (PWP) report. Summer surface water column total phosphorus levels averaged 184 ug/l. Mats of filamentous algae covered a large portion of the lake bottom and summer algal blooms result in foul odors and an unsightly build-up of algae biomass on the shoreline. In addition, trophic conditions in the lake limit rooting depth for emergent vegetation used by the resident fish populations. As a result, impairments affected the recreational/aesthetic value of the lake and stressed sport fish populations.
Comments:
Outcome: The site-specific epilimnetic total phosphorus concentration goal was identified as 80 ug/L. Silver Lake is part of a larger priority watershed project, Sevenmile – Silver Creek Priority Watershed Project. As part of a financing plan for priority watershed and priority lake projects, long-term cost sharing and local staff funding is committed to the Sevenmile – Silver Creek Priority Watershed Project. The following activities were conducted:

 - The restoration of a former farm to wetlands and natural prairie.

 - The completion in the fall of 2001 of a complete diversion of Silver Creek from Silver Lake.

 - The eradication and restocking of the fishery budgeted for the summer of 2003.

 - The completion of a whole lake alum treatment in the fall of 2003.

 - The recent allocation of funds by the Manitowoc County Board to continue implementation.
Study Design: Silver Lake has received considerable best management practices including diverting Silver Creek from the lake, eradication and restocking with desirable fish species, and an alum treatment to seal the deep water sediments from phosphorus release. These management activities have improved the lake to a point where it can now be removed from the impaired waters list. Water quality monitoring has confirmed that the lake has improved since the completion of the restoration efforts. For instance, summer average secchi depth is 3.9 feet based on 32 samples collected between 7/15/2005 and 9/15/2009. Average chlorophyll TSI based on Carlson's TSI calculations is 55 ('Fair' for Deep Seepage Lakes). This is below the natural community impairment threshold for TSI of 63 for deep seepage lakes. (Note: Using the Wisconsin chlorophyll TSI calculation, TSI-chl is 52, and average TSI-secchi is 58.) The average total phosphorus value is .035 mg/l based on May-Oct, 2004-2008 (or 0.034 mg/l based on 25 summer samples collected between 7/15/2005 and 9/15/2009). Although these TP data still exceed the impairment threshold of .02 mg/l for deep seepage lakes, Silver Lake showed improving TP levels from the 2004 alum treatment through 2007 (the 2008 values spiked due to extreme flooding). This lake has undergone extensive treatment and is greatly improved; as evidenced by the TSI-chl. values of 'Fair', it should no longer be considered impaired.
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gansberg, Mary K	COORDINATOR	COMPLETE	05/01/2010	04/30/2017	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
05/04/2017	Lisa Helmuth	Complete	

Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
TMDL Actions in Wisconsin	Silver Lake (WBIC: 67400), located in Manitowoc Rapids Township, Manitowoc County, Wisconsin, in the Manitowoc River Basin, was listed as impaired due to excess phosphorus. The Lake is nutrient (phosphorus (P)) impaired as a result of agriculture, internal loading and local land use, is listed on the 1998 303(d) list as a high priority water and external load sources are nonpoint source (NPS) dominated. The designated use for Silver Lake is a full recreation, warm water sport fishery.	06/01/2003	04/30/2017	COMPLETE
TMDL (USEPA) Approved	Silver Lake (WBIC: 267400) TMDL Approval addressing the organic enrichment/low DO, and fish kill impairments which were identified on the Wisconsin 1998 and 2002 303(d) list.	03/23/2004	03/23/2004	COMPLETE
TMDL Development	TMDL Development for Silver Lake (267400) in Manitowoc County, WI, addressing the organic enrichment/low DO, and fish kill impairments which were identified on the Wisconsin 1998 and 2002 303(d) list.	03/23/2004	03/23/2004	COMPLETE
TMDL Implementation	Silver Lake (267400) TMDL Implementation addressing the organic enrichment/low DO, and fish kill impairments which were identified on the Wisconsin 1998 and 2002 303(d) list.	03/23/2004		IN_PROGRESS
TMDL Implementation	Implementation Plan is needed. Silver Lake, located in Manitowoc Rapids Township, Manitowoc County, Wisconsin, in the Manitowoc River Basin, was listed as impaired due to excess phosphorus. The Lake is nutrient (phosphorus (P)) impaired as a result of agriculture, internal loading and local land use, is listed on the 1998 303(d) list as a high priority water and external load sources are nonpoint source (NPS) dominated. The designated use for Silver Lake is a full recreation, warm water sport fishery. Pollutant export data and information on the soils, topography, and other background information on the Silver Lake watershed is included in the Nonpoint Source Pollution Control Plan for the Sevenmile-Silver Creek Priority Watershed, dated February 1987.	08/01/2007	06/30/2008	IN_PROGRESS

Details:	Parameter	Value/Amount	Units	Comments
	Total Phosphorus			
	Total Suspended Solids			

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
20	5	Fischer Park Beaches, Lake Michigan	Lake Michigan

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WBIC	Segment	Local Name	Official Name
20	6	Hika Park Bay Beach, Lake Michigan	Lake Michigan
20	7	Red Arrow Park Beach, Lake Michigan	Lake Michigan
20	8	Ymca Beach, Lake Michigan	Lake Michigan
20	9	Memorial Drive Wayside Beach, Lake Michigan	Lake Michigan
20	10	Neshota Park Beach, Lake Michigan	Lake Michigan
20	11	Point Beach State Park Beach, Lake Michigan	Lake Michigan
20	12	Lake Michigan	Lake Michigan
20	31	Warm Water Beach, Lake Michigan	Lake Michigan
20	93	Lake Michigan - Blue Rail Marina Beach	Lake Michigan
20	99	Waldo Area Beach	Lake Michigan
45	1	Manitowoc Harbor	Manitowoc Harbor
47	1	Two Rivers Harbor	Two Rivers Harbor
45100	1	Cedar Lake	Cedar Lake
45400	1	Glomski Lake	Glomski Lake
45500	1	Graf Lake (Long)	Graf Lake
45700	1	Inch Lake	Unnamed
45800	1	Kasbaum Lake	Kasbaum Lake
45900	1	Lindeman Lake	Lindeman Lake
46200	1	Little Sly Lake	Little Sy Lake
46300	1	Ranger Lake	Ranger Lake
46400	1	Scout Lake	Scout Lake
46700	1	Shoe Lake	Shoe Lake
48300	1	Unnamed Lake	Unnamed
48400	1	Un Lake	Unnamed
48500	1	Un Lake	Unnamed
48600	1	Un Lake	Unnamed
48700	1	Un Lake	Unnamed
48750	1	Un Lake	Unnamed
48760	1	Un Lake	Unnamed
48790	1	Un Lake	Unnamed
48800	1	Un Lake	Unnamed
48900	1	Un Lake	Unnamed
49000	1	Un Lake	Unnamed
49100	1	Un Lake	Unnamed
49300	1	West Lake	West Lake
49400	1	Weyers Lake	Weyers Lake
50700	3	Sheboygan River	Sheboygan River
57200	1	Millhome Creek	Millhome Creek
57700	1	Local Water	Unnamed
57800	1	Unnamed Tributary To Sheboygan River (Gooseville Creek), Manitowoc County	Unnamed
57900	1	Sy Lake	Sy Lake
58000	1	Wilke Lake	Wilke Lake
58200	1	Praeder Lake	Prueder Lake
58400	1	Rockville Flowage	Rockville Flowage
62300	1	Pigeon River	Pigeon River
62300	2	Pigeon River	Pigeon River
62900	1	Meeme R.	Meeme River

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WBIC	Segment	Local Name	Official Name
63000	2	Unnamed Alternate Trib Direction	Unnamed
63100	1	Un Lake	Unnamed
63200	1	Unnamed Creek To Spring Lake	Unnamed
63600	1	Un Spring	Un Spring
63700	1	Spring Lake	Spring Lake
63800	1	Little Pigeon Lake	Little Pigeon Lake
64000	1	Pigeon Lake	Pigeon Lake
64100	1	Unnamed Cr. To Pigeon River	Unnamed
64200	1	Horseshoe Lake	Horseshoe Lake
64300	1	Karstaedt Lake	Karstaedt Lake
64400	1	Unnamed Cr To Pigeon River	Unnamed
64600	1	Spring Pond	Spring Pond
65400	1	Centerville Creek	Centerville Creek
65600	1	Centerville Flowage	Centerville Flowage
65700	1	Unnamed Trib	Unnamed
65800	1	Fischer Creek	Fischer Creek
65800	2	Fischer Creek	Fischer Creek
65900	1	Local Water	Unnamed
66000	1	Point Creek	Point Creek
66100	1	Unnamed Trib (T18n, R23e, S32)	Unnamed
66200	1	Un Lake	Unnamed
66300	1	Pine Creek	Pine Creek
66300	2	Pine Creek	Pine Creek
66300	3	Pine Creek	Pine Creek
66400	1	Unnamed Trib (T18n, R23e, S27)	Unnamed
66500	1	Un Trib (T18n, R23e, S22)	Unnamed
66600	1	Grosshuesch Lake	Grosshuesch Lake
66700	1	Waack Lake	Waack Lake
66800	1	Carstens Lake	Carstens Lake
66900	1	Calvin Creek	Calvin Creek
67100	1	Gass Lake	Gass Lake
67200	1	Hartlaub Lake	Hartlaub Lake
67300	1	Silver Creek	Silver Creek
67300	2	Silver Creek	Silver Creek
67400	1	Silver Lake	Silver Lake
67500	1	Unnamed Trib (T19n, R23e, S28)	Unnamed
67600	1	Unnamed Trib (T19n, R23e, S28)	Unnamed
67700	1	Teek Lake	Teek Lake
67900	1	Vetting Lake	Vetting Lake
68000	1	Unnamed Trib (T18n, R23e, S07)	Unnamed
68100	1	English Lake	English Lake
68300	1	Bullhead Lake	Bullhead Lake
68400	1	North Eaton Twin Lake	Eaton Twin Lakes
68500	1	Quarry Lake	Quarry Lake
68700	1	South Eaton Twin Lake	Eaton Twin Lakes
68800	1	Un Lake	Unnamed
68900	1	Un Lake	Unnamed
69000	1	Un Lake	Unnamed

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WBIC	Segment	Local Name	Official Name
69200	1	Un Lake	Unnamed
69300	1	Un Lake	Unnamed
69400	1	Un Lake	Unnamed
69600	1	Un Lake	Unnamed
69800	1	Un Lake	Unnamed
69900	1	Un Lake	Unnamed
70000	1	Un Lake	Unnamed
70100	1	Un Lake	Unnamed
70200	1	Un Lake	Unnamed
70500	1	Un Lake	Unnamed
70600	1	Un Lake	Unnamed
70700	1	Un Lake	Unnamed
70800	1	Un Lake	Unnamed
70900	1	Un Spring	Un Spring
71000	1	Manitowoc River (Main Stem)	Manitowoc River
71000	2	Manitowoc River	Manitowoc River
71000	3	Manitowoc River	Manitowoc River
71300	1	Branch River (Main Stem)	Branch River
71300	2	Branch River	Branch River
71300	3	Branch River	Branch River
71400	1	Unnamed Creek (T20n R22e S24)	Unnamed
71500	1	Unnamed Creek (T20n R22e S27)	Unnamed
71600	1	Unnamed Stream (T19n, R22e, S3)	Unnamed
71700	1	Hemptions Lake	Hemptions Lake
71750	1	Tributary to Hemptions Lake	Unnamed
71800	1	Unnamed Creek (T20n R22e S7)	Unnamed
71900	1	Unnamed Creek (T20n R22e S20 Nese)	Unnamed
72100	1	Kellners Lake	Kellners Lake
72400	1	Unnamed Trib (T19n R22e S17)	Unnamed
72500	1	Un Lake	Unnamed
72600	1	Schisel Creek	Unnamed
72600	2	Schisel Creek	Unnamed
72600	3	Schisel Lake Outlet	Unnamed
72700	1	Bergene Lake	Bergene Lake
72800	1	Schisel Lake	Schisel Lake
73100	1	Clarks Mills Pond	Clarks Mills Pond
73500	1	Unnamed Creek (T19n R22e S31)	Unnamed
73600	1	Mud Creek (Left, Hills) T18n, R21e, S12	Mud Creek
73700	1	Unnamed Creek (T18n, R21e, S13) Trib To St. Nazianz	Unnamed
73800	1	Unnamed Trib (T18n, R21e, S13)	Unnamed
74000	1	Neumeyer Lake	Neumeyer Lake
74100	1	Un Lake	Unnamed
74200	1	Un Lake	Unnamed
74300	1	Lake Mary	Lake Oswald
74400	1	Unnamed Trib (T18n, R21e, S14)	Unnamed
74500	1	Unnamed Trib (T18n, R22e, S15)	Unnamed
74600	1	Unnamed Trib (T18n, R22e, S22)	Unnamed

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WBIC	Segment	Local Name	Official Name
74700	1	Fenske Lake	Fenske Lake
74800	1	Lutzke Lake	Lutzke Lakes
74900	1	South Lutzke Lake	South Lutzke Lake
75000	1	Mud Creek (Reedsville) T19n, R21e, S34	Mud Creek
75000	2	Mud Creek (Reedsville) T19n, R21e, S34	Mud Creek
75200	1	Local Water	Unnamed
75300	1	Unnamed Trib (T19n, R21e, S23)	Unnamed
75500	1	Unnamed Trib (T19n, R21e, S02)	Unnamed
75600	1	Unnamed Trib (T19n, R21e, S23)	Unnamed
75700	1	Unnamed Creek (T18n, R21e, S23)	Unnamed
77100	1	Unnamed Creek (T20n T20e S34)	Unnamed
77500	1	Long Lake (Big Long)	Long Lake
77600	1	Boot Lake	Boot Lake
77900	1	Manitowoc R. So. Branch	South Branch Manitowoc River
78700	1	Cedar Creek	Cedar Creek
78900	1	Hayton Creek	Hayton Creek
79100	1	Un Lake	Unnamed
79300	1	Steinthal Lake	Steinthal Lake
79500	1	Peterson Lake	Peterson Lake
79600	1	Mud Lake	Mud Lake
82500	1	Little Manitowoc River	Little Manitowoc River
82700	1	Un Spring	Un Spring
82800	1	Hidden Lake (Turtle)	Hidden Lake
83200	1	Un Lake	Unnamed
83300	1	Un Lake	Unnamed
83400	1	Un Lake	Unnamed
83500	1	Un Lake	Unnamed
83600	1	Un Lake	Unnamed
83700	1	Un Lake	Unnamed
83800	1	Unnamed Trib to Lake Michigan	Unnamed
84000	1	East Twin River	East Twin River
84000	4	East Twin River	East Twin River
84100	1	Johnson Creek	Johnson Creek
84300	1	Jambo Creek	Jambo Creek
84300	2	Jambo Creek	Jambo Creek
84400	1	Unnamed Trib T21n, R23e, S15 Nene	Unnamed
84500	1	Unnamed Trib T21n, R23e S09 Ssw	Unnamed
84600	1	Harpt Lake	Harpt Lake
84700	1	Mott Lake	Mott Lake
85500	1	Tisch Mills Creek	Tisch Mills Creek
86000	1	Unnamed Trib 22n, 24e, 32swne	Unnamed
86100	1	Unnamed Trib 21n, 24e, 4 Nwnw	Unnamed
87000	1	West Twin River	West Twin River
87000	2	West Twin River	West Twin River
87000	3	West Twin River	West Twin River
87000	4	West Twin River	West Twin River
87000	5	West Twin River	West Twin River
87000	6	West Twin River	West Twin River

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WBIC	Segment	Local Name	Official Name
87300	1	Shoto Lake (Impoundment)	Shoto Lake
87500	1	Unnamed Trib. T20n, R24e, S30 Sene	Unnamed
87600	1	Francis Creek	Francis Creek
87700	1	Unnamed Trib T20n, R23e, S11swne	Unnamed
87800	1	Unnamed Trib.T 21n, R23e, S29 Nenw	Unnamed
87900	1	Tuma Lake (Ording)	Tuma Lake
88000	1	Kriwanek Creek	Kriwanek Creek
88000	2	Kriwanek Creek	Kriwanek Creek
88000	3	Kriwanek Creek	Kriwanek Creek
88200	1	Neshota River	Neshota River
88300	1	Black Cr (Buck Creek)	Black Creek
89900	1	Devil's River	Devils River
89900	2	Devils River	Devils River
90000	1	Unnamed Trib to Devils River T21n, R22e, S09 Nwnw	Unnamed
90100	1	Molash Creek	Molash Creek
90200	1	Un Creek	Unnamed
90300	1	Unnamed Stream T21nr24e S25	Unnamed
3000159	1	Tributary to the Kriwanek Creek	Unnamed
3000159	2	Tributary to the Kriwanek Creek	Unnamed
3000161	1	West Twin River Trib	Unnamed
3000306	1	Unnamed	Unnamed
3000463	1	Unnamed Lake	Unnamed
5019923	1	Local Water	Unnamed
5020364	1	Unnamed Stream	Unnamed
5020440	1	Unnamed Stream	Unnamed
5020513	1	Unnamed Stream	Unnamed
5020517	1	Unnamed Stream	Unnamed
5020540	1	Unnamed Stream	Unnamed
5020585	1	Unnamed Stream	Unnamed
5020629	1	Unnamed Stream	Unnamed
5020712	1	Unnamed Stream	Unnamed
5020742	1	Unnamed Stream	Unnamed
5020760	1	Unnamed Stream	Unnamed
5020832	1	Local Water	Unnamed
5020837	1	Unnamed Stream	Unnamed
5020850	1	Unnamed Stream	Unnamed
5020884	1	Unnamed Stream	Unnamed
5020900	1	Unnamed Stream	Unnamed
5020992	1	Unnamed Stream	Unnamed
5021000	1	Unnamed Stream	Unnamed
5021022	1	Unnamed Stream	Unnamed
5021049	1	Unnamed Stream	Unnamed
5021058	1	Unnamed Stream	Unnamed
5021125	1	Unnamed Stream	Unnamed
5021140	1	Unnamed Stream	Unnamed
5021205	1	Unnamed Stream	Unnamed
5021209	1	Unnamed Stream	Unnamed

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WBIC	Segment	Local Name	Official Name
5021226	1	Unnamed Stream	Unnamed
5021236	1	Unnamed Stream	Unnamed
5021245	1	Unnamed Stream	Unnamed
5021266	1	Unnamed Stream	Unnamed
5021331	1	Unnamed Stream	Unnamed
5021396	1	Unnamed Stream	Unnamed
5021439	1	Unnamed Stream	Unnamed
5021444	1	Unnamed Stream	Unnamed
5021445	1	Unnamed Stream	Unnamed
5021512	1	Unnamed Stream	Unnamed
5021530	1	Unnamed Stream	Unnamed
5021565	1	Unnamed Stream	Unnamed
5021569	1	Unnamed Stream	Unnamed
5021583	1	Unnamed Stream	Unnamed
5021594	1	Unnamed Stream	Unnamed
5021639	1	Unnamed Stream	Unnamed
5021647	1	Unnamed Stream	Unnamed
5021653	1	Unnamed Stream	Unnamed
5021677	1	Unnamed Stream	Unnamed
5021696	1	Unnamed Stream	Unnamed
5021741	1	Unnamed Stream	Unnamed
5021772	1	Unnamed Stream	Unnamed
5021866	1	Unnamed Stream	Unnamed
5021894	1	Unnamed Stream	Unnamed
5021902	1	Unnamed Stream	Unnamed
5021932	1	Unnamed Stream	Unnamed
5022014	1	Unnamed Stream	Unnamed
5022047	1	Local Water	Unnamed
5022061	1	Unnamed Stream	Unnamed
5022066	1	Unnamed Stream	Unnamed
5022105	1	Unnamed Stream	Unnamed
5022137	1	Unnamed Stream	Unnamed
5022169	1	Unnamed Stream	Unnamed
5022177	1	Unnamed Stream	Unnamed
5022182	1	Unnamed Stream	Unnamed
5022202	1	Unnamed Stream	Unnamed
5022207	1	Unnamed Stream	Unnamed
5022209	1	Unnamed Stream	Unnamed
5022214	1	Unnamed Stream	Unnamed
5022248	1	Unnamed Stream	Unnamed
5022249	1	Unnamed Stream	Unnamed
5022364	1	Unnamed Stream	Unnamed
5022414	1	Unnamed Stream	Unnamed
5022445	1	Unnamed Stream	Unnamed
5022483	1	Unnamed Stream	Unnamed
5022485	1	Unnamed Stream	Unnamed
5022492	1	Unnamed Stream	Unnamed
5022641	1	Unnamed Stream	Unnamed

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WBIC	Segment	Local Name	Official Name
5022643	1	Unnamed Stream	Unnamed
5022656	1	Unnamed Stream	Unnamed
5022731	1	Unnamed Stream	Unnamed
5022757	1	Unnamed Stream	Unnamed
5022763	1	Unnamed Stream	Unnamed
5022803	1	Unnamed Stream	Unnamed
5022902	1	Unnamed Stream	Unnamed
5022909	1	Unnamed Stream	Unnamed
5023365	1	Local Water	Unnamed
5023704	1	Manitowoc River Trib	Unnamed
5024580	1	Point Creek Unnamed Tributary	Unnamed
5024769	1	Local Water	Unnamed
5024977	1	Local Water	Unnamed
5025176	1	Local Water	Unnamed
5025264	1	Osman Trib to Meeme River	Unnamed
5025291	1	Local Water	Unnamed
5025392	1	Local Water	Unnamed
5025420	1	Fischer Creek	Unnamed
5025710	1	Meeme River	Unnamed
5552131	1	Local Water	Unnamed
5552146	1	Local Water	Unnamed
5552197	1	Local Water	Unnamed
5552234	1	Local Water	Unnamed
5552390	1	Local Water	Unnamed
5553101	1	Local Water	Unnamed
5553302	1	Local Water	Unnamed
5553409	1	Local Water	Unnamed
5553470	1	Local Water	Unnamed
5553480	1	Local Water	Unnamed
5553513	1	Local Water	Unnamed
5553561	1	Local Water	Unnamed
5553597	1	Local Water	Unnamed
5553611	1	Local Water	Unnamed
5553786	1	Local Water	Unnamed
5553805	1	Local Water	Unnamed
5553824	1	Local Water	Unnamed
5553828	1	Local Water	Unnamed
5553876	1	Local Water	Unnamed
5553929	1	Local Water	Unnamed
5553945	1	Local Water	Unnamed
5553957	1	Local Water	Unnamed
5553972	1	Local Water	Unnamed
5554006	1	Local Water	Unnamed
5554767	1	Local Water	Unnamed
5554866	1	Local Water	Unnamed
5555058	1	Local Water	Unnamed
5555145	1	Local Water	Unnamed
5555377	1	Local Water	Unnamed

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WBIC	Segment	Local Name	Official Name
5555470	1	Local Water	Unnamed
5556014	1	Local Water	Unnamed
5556107	1	Local Water	Unnamed
5556212	1	Local Water	Unnamed
5556441	1	Local Water	Unnamed
5556503	1	Local Water	Unnamed
5556521	1	Local Water	Unnamed
5556527	1	Local Water	Unnamed
5557249	1	Local Water	Unnamed
5557522	1	Local Water	Unnamed
5557837	1	Local Water	Unnamed
5558278	1	Local Water	Unnamed
5558375	1	Local Water	Unnamed
5558388	1	Local Water	Unnamed
5558444	1	Local Water	Unnamed
5558511	1	Local Water	Unnamed
5558574	1	Local Water	Unnamed
5558645	1	Local Water	Unnamed
5558695	1	Local Water	Unnamed
5558738	1	Local Water	Unnamed
5558760	1	Local Water	Unnamed
5559316	1	Local Water	Unnamed
5559317	1	Local Water	Unnamed
5559491	1	Unnamed Lake	Unnamed
5559640	1	Local Water	Unnamed
5560113	1	Local Water	Unnamed
5560194	1	Local Water	Unnamed
5560290	1	Local Water	Unnamed
5560292	1	Local Water	Unnamed
5586096	1	Local Water	Unnamed
5586342	1	Local Water	Unnamed
5586350	1	Local Water	Unnamed
5586381	1	Local Water	Unnamed
5589082	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Silver Lake 67400 Sediment TMDL	Final TMDL Report	Wdnr, Tmdl Swat Team	03/01/2004	
Silver Lake Manitowoc Co 1		Gansberg, Mary K	09/30/2010	
Silver Lake Manitowoc Co 3	Silver Lake Manitowoc County, Silver Island	Gansberg, Mary K	08/24/2005	
Silver Lake Manitowoc Co 5	Silver Lake Manitowoc Co	Gansberg, Mary K	07/31/2008	
USEPA Decision Document for the Approval of the Silver Lake TMDL 267400_9918	'After a full and complete review, EPA finds that the TMDL for Silver Lake satisfies all of the elements of an approvable TMDL. This document addresses a total of 1 TMDL for 1 waterbody with a total of 2 impairments from the 2002 Wisconsin 303d list.'	USEPA		

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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