

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Little Lake Wissota TMDL
Name: Little Lake Wissota TMDL
Type: TMDL/303d Projects
Subtype: Implement TMDL
Status: ACTIVE
Start Date: 07/01/2010
End Date: 06/30/2017
Purpose: Little Lake Wissota is a 400-acre eutrophic embayment of Lake Wissota, an impoundment of the Chippewa River near Chippewa Falls, Wisconsin (Hydrologic Unit Code 07050005, Wisconsin Waterbody Identification Code 2152800). The embayment has a maximum depth of 43 feet and a drainage area of approximately 67 square miles. Paint Creek is the primary source of surface water inflow to Little Lake Wissota.

The Little Lake Wissota watershed is located in the North Central Hardwood Forest Ecoregion (Omernick and Gallant, 1988). This EPA Ecoregion is characterized by nearly level to rolling glacial till plains, significant agricultural land use and lakes with phosphorus concentrations greater than 50 ppb, indicative of eutrophic conditions. The lake was placed on the Wisconsin 303(d) impaired waters list in 1998 with a high priority ranking due to eutrophication and pH criteria exceedances. In addition, recreational uses are limited during the summer due to poor water quality from excess phosphorus (P) and sediment loading. Land cover in the watershed is primarily agricultural and forest. The goal of this TMDL is to reduce levels of phosphorus and sediment loading and decrease the extent and severity of summer algal blooms in Little Lake Wissota.

Objective: Little Lake Wissota is highly eutrophic with excessive concentrations of phosphorus and chlorophyll (a measure of algal densities) in its surface waters during the months of May through September (USACE 2004, Brakke 1997). Sediment and phosphorus from nonpoint sources of pollution enter the lake primarily from the Paint Creek watershed. Phosphorus is dissolved in the water or bound to sediment particles, and once in the system, this phosphorus becomes available to plants and algae. The lake's relatively shallow depth, phosphorus-laden sediments and excessive water column phosphorus levels, contribute to significant algal blooms during the growing season (May - September). These eutrophic conditions impair recreational activities in the lake. In addition, algal blooms in Little Lake Wissota are accompanied by pH exceedances. The elevated lake pH levels are due to removal of carbon dioxide from water during photosynthesis (by macrophytes and algae). This reduction in carbon dioxide levels during daylight results in pH levels that frequently exceed the state criterion of 9.0. A reduction in sediment and phosphorus loads to the lake would result in a decrease in chlorophyll levels and reduction in maximum pH levels.

Comments:

Outcome: WDNR has established 48 ppb phosphorus as the numeric target for this TMDL. The State determined that this phosphorus target corresponds to a summer mean chlorophyll-a target concentration of 20 ppb and a Secchi depth of 1.5 meters. Additionally, the State has determined that a 26% reduction in sediment is needed. These targets represent 70% of baseline conditions which is reflective of a 30% seasonal phosphorus load reduction.

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
LALIBERTE, PAUL J	PROJECT_MAN/	INACTIVE	07/01/2010	06/30/2017	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start	End Date	Status
TMDL Implementation	<p>Little Lake Wissota is a 400-acre eutrophic embayment of Lake Wissota, an impoundment of the Chippewa River near Chippewa Falls, Wisconsin (Hydrologic Unit Code 07050005, Wisconsin Waterbody Identification Code 2152800). The embayment has a maximum depth of 43 feet and a drainage area of approximately 67 square miles. Paint Creek is the primary source of surface water inflow to Little Lake Wissota. The Little Lake Wissota watershed is located in the North Central Hardwood Forest Ecoregion (Omernick and Gallant, 1988). This EPA Ecoregion is characterized by nearly level to rolling glacial till plains, significant agricultural land use and lakes with phosphorus concentrations greater than 50 ppb, indicative of eutrophic conditions. The lake was placed on the Wisconsin 303(d) impaired waters list in 1998 with a high priority ranking due to eutrophication and pH criteria exceedances. In addition, recreational uses are limited during the summer due to poor water quality from excess phosphorus (P) and sediment loading. Land cover in the watershed is primarily agricultural and forest. The goal of this TMDL is to reduce levels of phosphorus and sediment loading and decrease the extent and severity of summer algal blooms in Little Lake Wissota.</p>	02/01/2007	02/27/2015	IN_PROGRESS
Details:	Parameter	Value/Amount	Units	Comments
	Total Phosphorus			
	Total Suspended Solids			
TMDL Development	<p>TMDL Development for Little Lake Wissota addressing phosphorus and sediment. Little Lake Wissota is highly eutrophic with excessive concentrations of phosphorus and chlorophyll (a measure of algal densities) in its surface waters during the months of May through September (USACE 2004, Brakke 1997). Sediment and phosphorus from nonpoint sources of pollution enter the lake primarily from the Paint Creek watershed.</p>	04/13/2010	04/13/2010	COMPLETE
TMDL (USEPA) Approved	<p>EPA has determined that Wisconsin's TMDLs for phosphorus and sediment meet the requirements of Section 303(d) of the Clean Water Act and EPA's implementing regulations set forth at 40 CFR Part 130. EPA approves one TMDL for phosphorus and one TMDL for sediment addressing two impairments in Little Lake Wissota.</p>	04/13/2010	04/13/2010	COMPLETE

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Action	Detailed Description	Start	End Date	Status
TMDL Implementation	EPA has determined that Wisconsin's TMDLs for phosphorus and sediment meet the requirements of Section 303(d) of the Clean Water Act and EPA's implementing regulations set forth at 40 CFR Part 130. EPA approves one TMDL for phosphorus and one TMDL for sediment addressing two impairments in Little Lake Wisconsin.	03/03/2011	12/31/2099	IN_PROGRESS
	Implementation Plan is needed.			

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
151600	1	Unnamed Lake	Unnamed
1831600	1	Ace-In-The-Hole Lake	Ace-In-The-Hole Lake
1832700	1	Bass Lake	Bass Lake
1833500	1	Bass Lakes	Bass Lakes
1833600	1	Bass Lakes	Bass Lakes
1834400	1	Beaver Lake	Beaver Lake
1834700	1	Beaver Lake	Beaver Lake
1835400	1	Big Twin Lake	Big Twin Lake
1836300	1	Bog Lake	Bog Lake
1836600	1	Boot Lake	Boot Lake
1838200	1	Burnt Lake	Burnt Wagon Lake
1838400	1	Cadotte Lake	Cadotte Lake
1838900	1	Camp Lake	Camp Lake
1839900	1	Cather Lake	Cather Lake
1840500	1	Chick Lake	Chick Lake
1840600	1	Chick Lake	Chick Lake
1841000	1	Cindy Lake	Cindy Lake
1841100	1	Clear Lake	Clear Lake
1841200	1	Clear Lake	Clear Lake
1843000	1	Dam Lake	Dam Lake
1845300	1	Dog Island Lake	Dog Island Lake
1845700	1	Dorothy Lake	Dorothy Lake
1846100	1	Dumke Lake	Dumke Lake
1846400	1	Triple Lake, East	Triple Lakes
1846500	1	Weeks Lake, East	Weeks Lake, East
1846600	1	Eagle Lake	Eagle Lake
1847600	1	Evans Lake	Evans Lake
1849200	1	Fishpole Lake	Fishpole Lake
1849800	1	Fur Farm Lake	Fur Farm Lake
1852700	1	Hartnan Lake	Hartnan Lake
1852800	1	Harwood Lakes	Harwood Lakes
1852900	1	Hardwood Lake No.2	Harwood Lakes

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WBIC	Segment	Local Name	Official Name
1853100	1	Harwood Lakes	Harwood Lakes
1853300	1	Hay Lake	Hay Lake
1853400	1	Hemlock Lake	Hemlock Lake
1853600	1	Himple Lake	Himple Lake
1853700	1	Hodge Lake (Lake Harriet)	Hodge Lake
1854200	1	Horseshoe Lake	Horseshoe Lake
1854300	1	Horseshoe Lake	Horseshoe Lake
1854400	1	Horseshoe Lake	Horseshoe Lake
1855100	1	Howe Lake	Howe Lake
1855700	1	Jacks Lake	Jacks Lake
1856300	1	Jeanstow Lake	Jeanstow Lake
1857800	1	Kettle Lake	Kettle Lake
1858300	1	Knickerbocker Lake	Knickerbocker Lake
1860100	1	Leo Joerg Lake	Leo Joerg Lake
1860500	1	Little Bass Lake	Little Bass Lake
1860800	1	Little Beaver Lake	Little Beaver Lake
1862600	1	Little Twin Lake	Little Twin Lake
1862700	1	Logger Lake	Logger Lake
1862800	1	Long Lake	Long Lake
1863000	1	Loon Lake	Loon Lake
1863300	1	Lost Lake	Lost Lake
1865600	1	McDonald Lake	McDonald Lake
1865900	1	Metcalf Lake	Metcalf Lake
1867500	1	Moon Lake	Moon Lake
1867800	1	Mud Lake	Mud Lake
1869000	1	Calkins Lake, North	Calkins North Lake
1869300	1	Shattuck Lake, North	North Shattuck Lake
1869600	1	North Triple Lake	Triple Lake, North
1870700	1	Number One Lake	Number One Lake
1871100	1	North Of North Shattuck Lake	North of North Shattuck Lake
1871200	1	Nut Lake	Nut Lake
1872300	1	Parker Lake	Parker Lake
1872600	1	Pauls Lake	Pauls Lake
1872800	1	Payne Lake	Payne Lake
1874200	1	Pheffercorn	Pheffercorn Lake
1874300	1	PickereI Lake	PickereI Lake
1874900	1	Planning Lake	Planning Lake
1875500	1	Popple Point Lake	Popple Point Lake
1876100	1	Rassmusson Lake	Rassmusson Lake
1876200	1	Rat Lake	Rat Lake
1876300	1	Rattz Lake	Rattz Lake
1876900	2	Riley Lake	Riley Lake
1877300	1	Rock Lake	Rock Lake
1877600	1	Roedecker Lake	Roedecker Lake
1877700	1	Roger Lake	Roger Lake
1877800	1	Roger Lake No. 2	Roger Lake No. 2
1878500	1	Ruby Lake	Ruby Lake
1879300	1	Shattuck Lake, South	South Shattuck Lake

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WBIC	Segment	Local Name	Official Name
1879700	1	Salisbury Lake	Salisbury Lake
1880000	1	Sand Lake	Sand Lake
1880000	2	Sand Lake	Sand Lake
1881000	1	Silver Lake	Silver Lake
1881700	1	Snake Lake	Snake Lake
1883000	1	Spruce Lake	Spruce Lake
1883300	1	Stanley Lake	Stanley Lake
1883400	1	Star Lake	Star Lake
1884900	1	Tallman Lake	Tallman Lake
1885200	1	Taylor Lake	Taylor Lake
1886300	1	Tram Lake	Tram Lake
1886800	1	Turk Lake	Turk Lake
1886900	1	Turtle Lake	Turtle Lake
1887500	1	Two Island Lake	Two Island Lake
1890900	1	Un Lake	Unnamed
1891000	1	Un Lake	Unnamed
1891100	1	Un Lake	Unnamed
1891300	1	Un Lake	Unnamed
1892100	1	Un Lake	Unnamed
1892200	1	Un Lake	Unnamed
1892900	1	Un Lake	Unnamed
1893000	1	Un Lake	Unnamed
1893200	1	Un Lake	Unnamed
1893300	1	Un Lake	Unnamed
1893400	1	Un Lake	Unnamed
1893500	1	Un Lake	Unnamed
1893600	1	Un Lake	Unnamed
1893700	1	Un Lake	Unnamed
1893800	1	Un Lake	Unnamed
1893900	1	Un Lake	Unnamed
1894000	1	Un Lake	Unnamed
1894100	1	Un Lake	Unnamed
1895000	1	Un Lake	Unnamed
1895100	1	Un Lake	Unnamed
1895200	1	Un Lake	Unnamed
1895300	1	Un Lake	Unnamed
1895350	1	Local Water	Unnamed
1895400	1	Un Lake	Unnamed
1895500	1	Un Lake	Unnamed
1895600	1	Un Lake	Unnamed
1895700	1	Un Lake	Unnamed
1895800	1	Un Lake	Unnamed
1895900	1	Un Lake	Unnamed
1896000	1	Un Lake	Unnamed
1896100	1	Un Lake	Unnamed
1896200	1	Un Lake	Unnamed
1896300	1	Un Lake	Unnamed
1896400	1	Un Lake	Unnamed

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WBIC	Segment	Local Name	Official Name
1896500	1	Un Lake	Unnamed
1896600	1	Un Lake	Unnamed
1896700	1	Un Lake	Unnamed
1896800	1	Un Lake	Unnamed
1896900	1	Un Lake	Unnamed
1896925	1	Un Lake	Unnamed
1897000	1	Un Lake	Unnamed
1897100	1	Un Lake	Unnamed
1897150	1	Un Lake	Unnamed
1897160	1	Un Lake	Unnamed
1897200	1	Un Lake	Unnamed
1897300	1	Un Lake	Unnamed
1897400	1	Un Lake	Unnamed
1897450	1	Un Lake	Unnamed
1897500	1	Un Lake	Unnamed
1897570	1	Un Lake	Unnamed
1897600	1	Un Lake	Unnamed
1897690	1	Un Lake	Unnamed
1897695	1	Un Lake	Unnamed
1897700	1	Un Lake	Unnamed
1897750	1	Local Water	Unnamed
1897800	1	Un Lake	Unnamed
1897900	1	Un Lake	Unnamed
1897925	1	Un Lake	Unnamed
1898000	1	Un Lake	Unnamed
1898100	1	Un Lake	Unnamed
1898200	1	Un Lake	Unnamed
1898300	1	Un Lake	Unnamed
1898400	1	Un Lake	Unnamed
1898500	1	Unnamed Lake	Unnamed
1898600	1	Un Lake	Unnamed
1898700	1	Un Lake	Unnamed
1898800	1	Un Lake	Unnamed
1898900	1	Un Lake	Unnamed
1899000	1	Un Lake	Unnamed
1902300	1	Un Lake	Unnamed
1902400	1	Un Lake	Unnamed
1902500	1	Un Lake	Unnamed
1902600	1	Un Lake	Unnamed
1902700	1	Un Lake	Unnamed
1902800	1	Un Lake	Unnamed
1902900	1	Un Lake	Unnamed
1903000	1	Un Lake	Unnamed
1903100	1	Un Lake	Unnamed
1903200	1	Un Lake	Unnamed
1903280	1	Un Lake	Unnamed
1903300	1	Un Lake	Unnamed
1903500	1	Un Lake	Unnamed

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WBIC	Segment	Local Name	Official Name
1903600	1	Un Lake	Unnamed
1903700	1	Un Lake	Unnamed
1903800	1	Un Lake	Unnamed
1903900	1	Un Lake	Unnamed
1904000	1	Un Lake	Unnamed
1904100	1	Local Water	Unnamed
1904200	1	Un Lake	Unnamed
1904300	1	Un Lake	Unnamed
1904400	1	Un Lake	Unnamed
1904500	1	Un Lake	Unnamed
1904600	1	Un Lake	Unnamed
1904700	1	Un Lake	Unnamed
1904800	1	Un Lake	Unnamed
1904900	1	Un Lake	Unnamed
1905000	1	Un Lake	Unnamed
1905100	1	Un Lake	Unnamed
1905200	1	Un Lake	Unnamed
1905300	1	Un Lake	Unnamed
1905400	1	Un Lake	Unnamed
1905500	1	Un Lake	Unnamed
1905600	1	Un Lake	Unnamed
1905700	1	Un Lake	Unnamed
1905800	1	Un Lake	Unnamed
1905900	1	Un Lake	Unnamed
1906000	1	Un Lake	Unnamed
1906100	1	Un Lake	Unnamed
1906300	1	Un Lake	Unnamed
1906400	1	Un Lake	Unnamed
1906500	1	Un Lake	Unnamed
1906600	1	Un Lake	Unnamed
1906700	1	Un Lake	Unnamed
1906800	1	Un Lake	Unnamed
1906900	1	Un Lake	Unnamed
1907000	1	Un Lake	Unnamed
1907050	1	Local Water	Unnamed
1907100	1	Un Lake	Unnamed
1907200	1	Un Lake	Unnamed
1907300	1	Un Lake	Unnamed
1907400	1	Un Lake	Unnamed
1907500	1	Un Lake	Unnamed
1907600	1	Un Lake	Unnamed
1907700	1	Un Lake	Unnamed
1907800	1	Un Lake	Unnamed
1907900	1	Un Lake	Unnamed
1908000	1	Un Lake	Unnamed
1908100	1	Un Lake	Unnamed
1908200	1	Un Lake	Unnamed
1908300	1	Un Lake	Unnamed

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WBIC	Segment	Local Name	Official Name
1908400	1	Un Lake	Unnamed
1908500	1	Un Lake	Unnamed
1908650	1	Local Water	Unnamed
1908700	1	Un Lake	Unnamed
1908800	1	Un Lake	Unnamed
1908900	1	Un Lake	Unnamed
1909000	1	Un Lake	Unnamed
1909100	1	Un Lake	Unnamed
1909200	1	Un Lake	Unnamed
1909300	1	Un Lake	Unnamed
1909400	1	Un Lake	Unnamed
1909600	1	Un Lake	Unnamed
1909700	1	Un Lake	Unnamed
1909800	1	Un Lake	Unnamed
1909900	1	Un Lake	Unnamed
1910000	1	Un Lake	Unnamed
1910100	1	Un Lake	Unnamed
1910200	1	Un Lake	Unnamed
1910300	1	Un Lake	Unnamed
1910400	1	Un Lake	Unnamed
1910500	1	Un Lake	Unnamed
1910600	1	Un Lake	Unnamed
1910700	1	Un Lake	Unnamed
1910800	1	Un Lake	Unnamed
1910900	1	Un Lake	Unnamed
1911000	1	Un Lake	Unnamed
1911100	1	Un Lake	Unnamed
1911200	1	Un Lake	Unnamed
1911300	1	Un Lake	Unnamed
1911400	1	Un Lake	Unnamed
1911500	1	Un Lake	Unnamed
1911600	1	Un Lake	Unnamed
1911700	1	Un Lake	Unnamed
1911800	1	Un Lake	Unnamed
1911900	1	Un Lake	Unnamed
1912000	1	Un Lake	Unnamed
1912100	1	Un Lake	Unnamed
1912200	1	Un Lake	Unnamed
1912300	1	Un Lake	Unnamed
1912400	1	Un Lake	Unnamed
1912500	1	Un Lake	Unnamed
1912600	1	Un Lake	Unnamed
1912700	1	Un Lake	Unnamed
1912800	1	Un Lake	Unnamed
1912900	1	Un Lake	Unnamed
1913000	1	Un Lake	Unnamed
1913100	1	Un Lake	Unnamed
1913200	1	Un Lake	Unnamed

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WBIC	Segment	Local Name	Official Name
1913300	1	Un Lake	Unnamed
1913400	1	Unnamed Lake	Unnamed
1913500	1	Un Lake	Unnamed
1913700	1	Un Lake	Unnamed
1913800	1	Un Lake	Unnamed
1913900	1	Un Lake	Unnamed
1914000	1	Un Lake	Unnamed
1914100	1	Un Lake	Unnamed
1914200	1	Local Water	Unnamed
1914300	1	Un Lake	Unnamed
1914400	1	Un Lake	Unnamed
1914500	1	Un Lake	Unnamed
1914600	1	Un Lake	Unnamed
1914700	1	Un Lake	Unnamed
1914800	1	Un Lake	Unnamed
1914900	1	Un Lake	Unnamed
1915000	1	Un Lake	Unnamed
1915100	1	Un Lake	Unnamed
1915200	1	Un Lake	Unnamed
1915300	1	Un Lake	Unnamed
1915400	1	Un Lake	Unnamed
1915500	1	Un Lake	Unnamed
1915600	1	Un Lake	Unnamed
1915700	1	Un Lake	Unnamed
1915800	1	Un Lake	Unnamed
1915900	1	Un Lake	Unnamed
1916000	1	Un Lake	Unnamed
1916100	1	Un Lake	Unnamed
1916200	1	Un Lake	Unnamed
1916300	1	Un Lake	Unnamed
1916400	1	Un Lake	Unnamed
1916500	1	Un Lake	Unnamed
1916600	1	Un Lake	Unnamed
1916700	1	Un Lake	Unnamed
1916800	1	Un Lake	Unnamed
1921200	1	Un Lake	Unnamed
1925800	1	Un Lake	Unnamed
2043700	1	Upper Twin Lake	Upper Twin Lake
2044300	1	West Calkins Lake	West Calkins Lake
2044700	1	Triple Lake, West	Triple Lake, West
2044900	1	Weeks Lake, West	Weeks Lakes
2045700	1	Wesley Lake	Wesley Lake
2047200	1	Worden Lake	Worden Lake
2050000	5	Chippewa River	Chippewa River
2050000	6	Chippewa R At L Wissota	Chippewa River
2050000	7	Chippewa River	Chippewa River
2050000	8	Chippewa River (At Holcombe Flowage)	Chippewa River
2050000	9	Chippewa River	Chippewa River

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WBIC	Segment	Local Name	Official Name
2082400	4	Eighteenmile Creek	Eighteenmile Creek
2082700	2	Running Valley Creek	Running Valley Creek
2083150	1	Creek 12-13 (T29N, R10W)	Unnamed
2084000	3	Trout Creek (T30N, R10W)	Trout Creek
2084300	1	South Fork Trout Creek	South Fork Trout Creek
2084400	1	Un Lake	Unnamed
2084700	1	Beaver Creek (T31N, R10W)	Beaver Creek
2086100	1	Sand Creek	Sand Creek
2086300	1	Spring Brook	Spring Brook
2086400	1	Creek 8-3 (T31N, R10W)	Unnamed
2091400	1	Beaver Creek	Beaver Creek
2091900	1	Twin Lake West	Twin Lake, West
2092000	1	Twin Lake East	Twin Lake, East
2092200	1	Un Lake	Unnamed
2092400	1	Little Pine Lake	Little Pine Lake
2092500	1	Axehandle Lake	Axhandle Lake
2092700	1	Dark Lake	Dark Lake
2092800	1	Silver Lake	Silver Lake
2092900	1	Pine Lake	Pine Lake
2120800	5	Elk Creek	Elk Creek
2121700	1	Creek 17-11 (T28N, R10W)	Unnamed
2121900	1	Big Elk Creek	Big Elk Creek
2122100	1	Creek 5-16 (T28N, R10W)	Unnamed
2122200	1	Creek 4-2 (T28N, R10W)	Unnamed
2122300	1	Creek 35-12 (T29N, R10W)	Unnamed
2125100	1	Sherman Creek	Sherman Creek
2128200	1	Fivemile Creek	Fivemile Creek
2128700	2	Sevenmile Creek	Sevenmile Creek
2128900	2	Ninemile Creek (North)	Ninemile Creek -North
2129600	1	Pine Creek (T27N, R7W)	Pine Creek
2133300	1	Hay Creek (T28N, R5W)	Hay Creek
2133300	2	Hay Creek	Hay Creek
2134100	1	Un Lake	Unnamed
2134200	2	Muskrat Creek	Muskrat Creek
2134400	2	Unnamed Trib to Muskrat Cr	Unnamed
2146000	1	Wolf River	Wolf River
2146000	3	Wolf River	Wolf River
2146000	4	Wolf River	Wolf River
2146100	2	Swim Creek (Swan)	Swim Creek
2146600	1	Roger Creek	Roger Creek
2146800	1	Local Water	Unnamed
2146900	1	Local Water	Unnamed
2147000	1	Local Water	Unnamed
2147200	1	Chapman Lake	Chapman Lake
2147300	1	Little Otter Creek	Little Otter Creek
2150200	1	Hallie Lake	Lake Hallie, Lake Hallie 2
2150300	1	Beaver Creek (T28N, R9W)	Beaver Creek
2150400	1	Trout Creek (T28N, R9W)	Trout Creek

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WBIC	Segment	Local Name	Official Name
2150600	1	Duncan Creek	Duncan Creek
2150600	2	Duncan Creek	Duncan Creek
2150600	3	Duncan Creek	Duncan Creek
2150600	4	Duncan Creek	Duncan Creek
2150800	1	Glen Lock Lake	Star Lake
2151000	1	Glen Loch Flowage	Glen Loch Flowage
2151200	1	Tilden Mill Pond	Tilden Mill Pond
2151300	1	Unnamed 13-7 (Tilden Creek)	Unnamed
2151300	2	Tilden Cr	Unnamed
2151400	1	Little Hay Creek	Little Hay Creek
2151400	2	Little Hay Creek	Little Hay Creek
2151400	4	Little Hay Creek	Little Hay Creek
2151500	2	Hay Creek(T30N ,R9W)	Hay Creek
2151550	1	Creek 32-3 (T30N, R9W)	Unnamed
2151600	1	Creek 36-6 (T30N, R10W)	Unnamed
2151700	1	Creek 36-6 T30n R10w	Unnamed
2151900	1	TRIBUTARY TO DUNCAN CREEK	Unnamed
2152100	1	Como Lake	Como Lake (Bloomer Mill Pond)
2152300	1	Como Creek	Como Creek
2152400	1	Unnamed Creek 1-16 (T30N, R10W)	North Fork Como Creek
2152600	1	Chippewa Falls Flowage	Chippewa Falls Flowage 5555
2152800	1	Wissota Lake	Lake Wissota
2152800	2	Little Lake Wissota	Lake Wissota
2152800	3	Moon Bay	Lake Wissota
2152800	4	Lake Wissota State Park Beach	Lake Wissota
2152900	1	Frederick Creek	Frederick Creek
2153000	1	Stillson Creek	Stillson Creek
2153200	1	Paint Creek	Paint Creek
2153300	1	South Fork Paint Creek	South Fork Paint Creek
2153500	1	Silver Creek	Silver Creek
2153600	1	Brown Creek	Brown Creek
2153700	1	Clear Creek	Clear Creek
2153800	1	Wildcat Creek	Wildcat Creek
2154000	1	Alder Creek	Alder Creek
2154200	1	Sherman Creek	Sherman Creek
2154500	1	Yellow River	Yellow River
2154600	1	Drywood Creek	Drywood Creek
2154700	1	Dutch Creek	Dutch Creek
2154800	1	Big Drywood Creek	Big Drywood Creek
2154900	1	Seth Creek	Seth Creek
2155000	1	Chap Creek	Chap Creek
2155100	1	Little Drywood Creek	Little Drywood Creek
2155200	1	Iron Creek	Iron Creek
2155600	1	Unnamed Trib to Yellow River	Unnamed
2155900	1	Hennon Creek	Hennon Creek
2156000	1	Slaughter House	Slaughterhouse Creek
2156100	1	Lotz Creek	Lotz Creek
2156200	1	Turner Creek	Turner Creek

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WBIC	Segment	Local Name	Official Name
2156300	1	Coldwater Creek	Coldwater Creek
2156400	1	Unnamed Trib to Yellow R	Unnamed
2156500	1	Un Lake	Unnamed
2156700	1	Withrow Lake	Withrow Lake
2156800	1	Otter Creek	Otter Creek
2156800	2	Otter Creek	Otter Creek
2157000	1	Otter Lake	Otter Lake (Brown)
2157700	1	Hay Creek	Hay Creek
2157800	1	Pike Creek	Pike Creek
2157900	1	Pike Lake	Pike Lake
2158100	1	Un Lake	Unnamed
2158200	1	Christmas Creek	Christmas Creek
2158200	2	Christmas Creek	Christmas Creek
2158400	1	Elder Creek	Elder Creek
2159300	1	Un Lake	Unnamed
2159400	1	Raven Lake	Raven Lake
2168700	1	Jim Creek	Jim Creek
2168800	1	Jim Lake	Jim Lake
2168900	1	O'Neill Creek	O'Neil Creek
2169000	1	McCann Creek	McCann Creek
2169100	1	Un Lake	Unnamed
2169200	1	Round Lake T32 R9w S14	Round Lake
2169400	1	Un Lake	Unnamed
2169500	1	Un Lake	Unnamed
2169800	1	Un Lake	Unnamed
2169900	1	Un Lake	Unnamed
2170000	1	Un Lake	Unnamed
2170200	1	Little Buck Lake	Little Buck Lake
2170300	1	Big Buck Lake	Big Buck Lake
2170400	1	Round Lake	Round Lake
2170800	1	Long Lake	Long Lake
2170900	1	Un Lake	Unnamed
2171000	1	Cornell Lake	Cornell Lake
2171200	1	Marsh-Miller Lake	Marsh-Miller Lake (Mill Pond)
2171400	1	Mary Jane No.2	Mary Jane Lake
2171500	1	Mary Jane Lake No.1	Mary Jane Lake
2171600	1	Rock Lake	Rock Lake
2171800	1	Mud Lake	Mud Lake
2172100	1	Un Lake	Unnamed
2172200	1	West Lake	West Lake
2172300	1	Un Lake	Unnamed
2172500	1	Un Lake	Unnamed
2172600	1	Town Line Lake	Town Line Lake
2172650	1	Local Water	Unnamed
2172800	1	O'Neil Creek Flowage # 2	O'Neil Creek Flowage # 2
2173000	1	O'Neil Creek Flowage Number One	O'Neil Creek Flowage Number One
2173100	1	Un Lake	Unnamed
2173200	1	Un Lake	Unnamed

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

WBIC	Segment	Local Name	Official Name
2173300	1	Highland Lake	Highland Lake
2173400	1	Lowland Lake	Lowland Lake
2173600	1	Un Lake	Unnamed
2173700	1	Un Lake	Unnamed
2173800	1	Un Lake	Unnamed
2173900	1	Popple Lake	Popple Lake
2174300	1	Un Lake	Unnamed
2174400	1	Mud Lake	Mud Lake
2174700	1	Old Abe Lake	Old Abe Lake
2174750	1	Creek 17-13 (T30N, R7W)	Unnamed
2174800	1	Cushing Creek	Cushing Creek
2174900	1	Cobban Creek	Cobban Creek
2175000	1	Minnie Creek	Minnie Creek
2175100	1	North Fork Bob Creek	North Fork Bob Creek
2175200	1	South Fork Bob Creek	South Fork Bob Creek
2175200	2	South Fork Bob Creek	South Fork Bob Creek
2175400	1	Un Lake	Unnamed
2175600	1	Un Lake	Unnamed
2175700	1	Finley Lake	Finley Lake
2175800	1	Un Lake	Unnamed
2175900	1	Firth Lake Creek	Firth Lake Outlet Creek
2176100	1	Un Lake	Unnamed
2176200	1	Firth Lake	Firth Lake
2176300	1	Spring Creek	Spring Creek
2176300	2	Spring Creek	Spring Creek
2176500	1	Spring Creek Flowage No.1	Spring Creek Flowage No. 1
2176800	1	Un Lake	Unnamed
2176900	1	Un Lake	Unnamed
2177000	1	Un Lake	Unnamed
2177100	1	Un Lake	Unnamed
2177300	1	Spring Creek Flowage No.2	Spring Creek Flowage No. 2
2177400	1	Unnamed Lake	Unnamed
2177600	1	Smith Lake	Smith Lake
2177700	1	Jerome Lake	Jerome Lake
2177900	1	Un Lake	Unnamed
2178100	1	Oliver Lake No. 1	Oliver Lakes
2178200	1	Oliver Lake No.2	Oliver Lakes
2178300	1	Oliver Lake No. 3	Oliver Lakes
2178400	1	Bob Lake	Bob Lake
2178500	1	Little Bob Lake	Little Bob Lake
2178700	1	Un Lake	Unnamed
2178900	1	Hay Meadow Flowage No. 1	Hay Meadow Flowage No. 1
2179300	1	Un Lake	Unnamed
2179400	1	Barr Lake	Barr Lake
2179500	1	Beaver Lake	Beaver Lake
2179600	1	Black Lake	Black Lake
2179660	1	Odd Lake	Odd Lake
2179700	1	Evergreen Lake	Evergreen Lake

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
2179800	1	Sunfish Lake	Sunfish Lake
2179900	1	Silver Bass Lake	Silver Bass Lake
2180100	1	Hay Meadow Flowage No.2	Hay Meadow Flowage
2180300	1	Tamarack Lake	Tamarack Lake
2180500	1	Pickereel Lake	Pickereel Lake
2180700	1	Hay Meadow Flowage No.3	Hay Meadow Flowage No. 3
2180900	1	Hay Meadow Flowage No. 4	Hay Meadow Flowage No. 4
2181000	1	Lehman Creek	Leman Creek
2181100	1	French Creek	French Creek
2181200	1	Clark Creek	Clark Creek
2181400	1	Cornell Flowage	Cornell Flowage
2181400	2	Brunet Island State Park Beach	Cornell Flowage
2181500	1	Fisher River	Fisher River
2181600	1	Buck Creek	Buck Creek
2181800	1	Un Lake	Unnamed
2182000	1	Beaver Creek	Beaver Creek
2182200	1	Mallard Flowage	Mallard Flowage
2182400	1	Unnamed Trib to Fischer River	Unnamed
2184400	1	Unnamed Lake	Unnamed
2184600	1	Un Lake	Unnamed
2184900	1	Holcombe Flowage North	Holcombe Flowage
2184900	2	Holcombe Flowage South	Holcombe Flowage
2185100	1	Un Lake	Unnamed
2185200	1	Birch Creek	Birch Creek
2185800	1	Miller Lake	Miller Lake
2185900	1	Un Lake	Unnamed
2186100	1	Robinson Lake	Robinson Lake
2186200	1	Larose Lake	LaRose Lake
2186300	1	Cranberry Creek	Cranberry Creek
2186355	1	Un Lake	Unnamed
2186360	1	Un Lake	Unnamed
2186500	1	Horseshoe Flowage	Horseshoe Flowage
2187000	1	Jump River (Lower Main Stem)	Jump River
2344100	1	Mud Creek	Mud Creek
2344400	1	Tealey Creek	Tealey Creek
2344500	1	Un Lake	Unnamed
2344700	1	Willow Creek	Willow Creek
2344800	1	Un Lake	Unnamed
2345000	1	Willow Creek Flowage No.1	Willow Creek Flowage C1
2345200	1	Willow Creek Flowage # 2	Willow Creek Flowage # 2
2345400	1	Willow Creek Flowage # 3	Willow Creek Flowage # 3
2345500	1	Meadows Lake	Meadows Lake
2345600	1	Boiler Lake	Boiler Lake
2345600	2	Boiler Lake	Boiler Lake
2345700	1	Foster Creek	Foster Creek
2346000	1	Bradley Lake	Bradley Lake
2346100	1	Foster Lake	Foster Lake
2346300	1	Un Lake	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
2346400	1	Spence Lake	Spence Lake
2346500	1	Local Water	Unnamed
2346800	1	Local Water	Unnamed
2347000	1	Picnic Lake	Picnic Lake
2347100	1	Bass Lake # 5	Bass Lakes
2347200	1	Bass Lake No. 4	Bass Lakes
2347400	1	Bass Lake No. 3	Bass Lakes
2347500	1	Deer Lake	Deer Lake
2347700	1	Local Water	Unnamed
2347725	1	Local Water	Unnamed
2347750	1	Un Lake	Unnamed
2347900	1	Bass Lake No. 1	Bass Lake
2348000	1	Bass Lake No. 2	Bass Lake
2348100	1	Un Lake	Unnamed
2348155	1	Un Lake	Unnamed
2348300	1	Un Lake	Unnamed
2348500	1	Unnamed Lake (T32n R07w S30-1)	Lowers Lake
2348700	1	Plummer Lake	Plummer Lake
2348800	1	Little Plummer Lake	Little Plummer Lake
2350500	1	Chain Lake	Chain Lake
2350800	1	Schoolhouse Lake	Schoolhouse Lake
2351000	1	Granger Lake	Granger Lake
2351100	1	Calkins Lake	Calkins Lake
2351200	1	Cedar Creek	Cedar Creek
2351200	2	Cedar Creek	Cedar Creek
2351400	1	Long Lake	Long Lake
2351600	1	Un Lake	Unnamed
2351800	1	Dark Lake	Dark Lake
2352000	1	Larrabee Lake	Larrabee Lake
2352200	1	Herde Lake	Herde Lake
2352400	1	Tamarack Lake	Tamarack Lake
2352500	1	Henneman Lake	Henneman Lake
2352700	1	Cedar Lake	Cedar Lake
2352800	1	Number One Lake	Number One Lake
2352900	1	Number Two Lake	Number Two Lake
2353000	1	Number Three Lake	Number Three Lake
2353100	1	Number Four Lake	Number Four Lake
2353200	1	Sunfish Lake	Sunfish Lake
2353600	1	Sand Lake	Sand Lake
2353900	1	Un Lake	Unnamed
3000012	1	Local Water	Unnamed
3000421	1	Local Water	Unnamed
3000426	1	Local Water	Unnamed
3000429	1	Local Water	Unnamed
5007987	1	Unnamed Trib to Hay Cr	Unnamed
5008105	1	Tributary to Duncan Creek	Unnamed
5008210	1	Unnamed Creek 29-11	Unnamed
5009509	1	Local Water	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
5009631	1	Local Water	Unnamed
5010031	1	Local Water	Unnamed
5010146	1	Unnamed Stream	Unnamed
5010477	1	Unnamed Creek 27-12	Unnamed
5011108	1	Unnamed Stream	Unnamed
5011292	1	Local Water	Unnamed
5011442	1	Local Water	Unnamed
5011447	1	Local Water	Unnamed
5011608	1	Local Water	Unnamed
5011643	1	Local Water	Unnamed
5011696	1	Local Water	Unnamed
5011716	1	Local Water	Unnamed
5011755	1	Local Water	Unnamed
5011909	1	Local Water	Unnamed
5011923	1	Local Water	Unnamed
5011945	1	Unnamed Stream	Unnamed
5012320	1	Local Water	Unnamed
5525875	1	Local Water	Unnamed
5525894	1	Local Water	Unnamed
5525896	1	Local Water	Unnamed
5526125	1	Local Water	Unnamed
5526222	1	Local Water	Unnamed
5526223	1	Local Water	Unnamed
5526272	1	Local Water	Unnamed
5526578	1	Local Water	Unnamed
5526593	1	Local Water	Unnamed
5526641	1	Local Water	Unnamed
5526682	1	Local Water	Unnamed
5526733	1	Local Water	Unnamed
5526780	1	Local Water	Unnamed
5526901	1	Local Water	Unnamed
5526950	1	Local Water	Unnamed
5527009	1	Local Water	Unnamed
5527190	1	Local Water	Unnamed
5527233	1	Local Water	Unnamed
5527239	1	Local Water	Unnamed
5527282	1	Local Water	Unnamed
5527300	1	Local Water	Unnamed
5527338	1	Unnamed Lake	Unnamed
5527355	1	Local Water	Unnamed
5527390	1	Local Water	Unnamed
5527402	1	Local Water	Unnamed
5527431	1	Unnamed Lake	Unnamed
5527437	1	Local Water	Unnamed
5527441	1	Local Water	Unnamed
5527472	1	Local Water	Unnamed
5527476	1	Local Water	Unnamed
5527508	1	Local Water	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
5527578	1	Local Water	Unnamed
5527585	1	Local Water	Unnamed
5527606	1	Local Water	Unnamed
5527664	1	Local Water	Unnamed
5527767	1	Local Water	Unnamed
5527885	1	Local Water	Unnamed
5527908	1	Local Water	Unnamed
5527924	1	Local Water	Unnamed
5527925	1	Local Water	Unnamed
5527965	1	Local Water	Unnamed
5527967	1	Local Water	Unnamed
5527987	1	Local Water	Unnamed
5528009	1	Local Water	Unnamed
5528011	1	Local Water	Unnamed
5528066	1	Local Water	Unnamed
5528126	1	Local Water	Unnamed
5528127	1	Local Water	Unnamed
5528140	1	Local Water	Unnamed
5528210	1	Local Water	Unnamed
5528215	1	Local Water	Unnamed
5528231	1	Local Water	Unnamed
5528236	1	Local Water	Unnamed
5528304	1	Local Water	Unnamed
5528325	1	Local Water	Unnamed
5528331	1	Local Water	Unnamed
5528371	1	Local Water	Unnamed
5528383	1	Local Water	Unnamed
5528393	1	Local Water	Unnamed
5528394	1	Local Water	Unnamed
5528412	1	Local Water	Unnamed
5528473	1	Local Water	Unnamed
5528480	1	Local Water	Unnamed
5528578	1	Local Water	Unnamed
5528579	1	Local Water	Unnamed
5528612	1	Local Water	Unnamed
5528630	1	Local Water	Unnamed
5528685	1	Local Water	Unnamed
5528688	1	Local Water	Unnamed
5528720	1	Local Water	Unnamed
5528819	1	Local Water	Unnamed
5528823	1	Local Water	Unnamed
5528907	1	Local Water	Unnamed
5528919	1	Local Water	Unnamed
5528944	1	Local Water	Unnamed
5528961	1	Local Water	Unnamed
5529014	1	Local Water	Unnamed
5529079	1	Local Water	Unnamed
5529117	1	Local Water	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
5529124	1	Local Water	Unnamed
5529147	1	Local Water	Unnamed
5529242	1	Local Water	Unnamed
5529269	1	Local Water	Unnamed
5529412	1	Local Water	Unnamed
5529506	1	Local Water	Unnamed
5529509	1	Local Water	Unnamed
5529545	1	Local Water	Unnamed
5529556	1	Local Water	Unnamed
5529567	1	Local Water	Unnamed
5529737	1	Local Water	Unnamed
5529847	1	Local Water	Unnamed
5530064	1	Local Water	Unnamed
5530076	1	Local Water	Unnamed
5530102	1	Local Water	Unnamed
5530196	1	Local Water	Unnamed
5530317	1	Local Water	Unnamed
5530413	1	Local Water	Unnamed
5530515	1	Local Water	Unnamed
5530528	1	Local Water	Unnamed
5530577	1	Local Water	Unnamed
5530582	1	Local Water	Unnamed
5530709	1	Local Water	Unnamed
5530832	1	Local Water	Unnamed
5530997	1	Local Water	Unnamed
5531027	1	Local Water	Unnamed
5531030	1	Local Water	Unnamed
5531052	1	Local Water	Unnamed
5531114	1	Local Water	Unnamed
5531316	1	Local Water	Unnamed
5531403	1	Local Water	Unnamed
5531453	1	Local Water	Unnamed
5531643	1	Local Water	Unnamed
5531871	1	Local Water	Unnamed
5531904	1	Local Water	Unnamed
5531907	1	Local Water	Unnamed
5532155	1	Local Water	Unnamed
5532257	1	Local Water	Unnamed
5532427	1	Local Water	Unnamed
5532438	1	Local Water	Unnamed
5532530	1	Local Water	Unnamed
5532548	1	Local Water	Unnamed
5532753	1	Local Water	Unnamed
5532761	1	Unnamed	Unnamed
5532842	1	Local Water	Unnamed
5532944	1	Local Water	Unnamed
5532945	1	Local Water	Unnamed
5532956	1	Local Water	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
5532973	1	Local Water	Unnamed
5533202	1	Local Water	Unnamed
5533386	1	Local Water	Unnamed
5533479	1	Local Water	Unnamed
5533573	1	Local Water	Unnamed
5533656	1	Local Water	Unnamed
5533689	1	Local Water	Unnamed
5534160	1	Local Water	Unnamed
5534413	1	Local Water	Unnamed
5534584	1	Local Water	Unnamed
5534615	1	Local Water	Unnamed
5534662	1	Local Water	Unnamed
5535109	1	Local Water	Unnamed
5535202	1	Local Water	Unnamed
5535343	1	Local Water	Unnamed
5535465	1	Local Water	Unnamed
5535556	1	Local Water	Unnamed
5535601	1	Local Water	Unnamed
5535622	1	Local Water	Unnamed
5535784	1	Local Water	Unnamed
5536039	1	Local Water	Unnamed
5536092	1	Unnamed Lake	Unnamed
5536250	1	Unnamed Lake	Unnamed
5536334	1	Local Water	Unnamed
5536772	1	Local Water	Unnamed
5584079	1	Local Water	Unnamed
5584112	1	Local Water	Unnamed
5584116	1	Local Water	Unnamed
5584146	1	Local Water	Unnamed
5584163	1	Local Water	Unnamed
5584174	1	Local Water	Unnamed
5584178	1	Local Water	Unnamed
5584195	1	Local Water	Unnamed
5584217	1	Local Water	Unnamed
5584219	1	Local Water	Unnamed
5588971	1	Local Water	Unnamed
5588989	1	Local Water	Unnamed
5588990	1	Local Water	Unnamed
5588995	1	Local Water	Unnamed
5589002	1	Local Water	Unnamed
5589006	1	Local Water	Unnamed
5589008	1	Local Water	Unnamed
5589024	1	Local Water	Unnamed
5589046	1	Local Water	Unnamed
5589058	1	Local Water	Unnamed
5589065	1	Local Water	Unnamed
5590466	1	Local Water	Unnamed
5590467	1	Local Water	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
5590913	1	Local Water	Unnamed
5590939	1	Local Water	Unnamed
5591178	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
Lake Wissota 42902710	42902710			
Little Lake Wissota 2152800 TMDL	Final TMDL Report	Wdnr	01/28/2010	
Little Lake Wissota 2152800 TMDL DRAFT	Final TMDL Report	Wcr	01/22/2009	
Moon Bay and Little Lake Wissota 2152800 Impaired Waters Listing Documentation 2002	Data Documentation Moon Bay and Little Lake Wissota Impaired Waters Listing Documentation, Chippewa County	Oldenburg, Pat	03/25/2002	
USEPA Decision Document for the Approval of the Little Lake Wissota TMDL 2152800	The approval letter and decision document written by the EPA	USEPA	04/13/2010	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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