

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NER_02_CMP13B ATTAINS

Name: Calumet County Lakes (Becker and Round) Assessment

Type: TMDL/303d Projects

Subtype: Identify Impaired Waters

Status: COMPLETE

Start Date: 7/1/2012

End Date: 12/31/2012

Purpose: The lakes in Calumet County are in poor shape. This project is to collect water quality data on two lakes, Becker and Round, to assess impairments. Calumet County Land and Water Conservation plan recommends further monitoring for impairment determination. The County and local partners are interested in developing lake management plans for these lakes and these data would assist in that effort. Becker Lake - WBIC 77300. Round Lake - WBIC 68600.

Objective: Data collected will be used to determine if these lakes are impaired following the guidance in the most current version of WisCALM.

Comments: This is a new project but supports the local lakes initiative.

Outcome: The lakes data will be compared to WisCALM to see if impairment thresholds are exceeded.

Study Design: Becker and Round lakes will be monitored three times between July and September for total phosphorus and chlorophyll a for two years in a row. Dissolved oxygen and temperature profiles and secchi depth will also be collected.

Samples were collected in 2012 as planned and will again be collected in 2013. Each lake will be sampled three times between July 15 and September 15, 2013 for total phosphorus and chlorophyll a.

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gansberg, Mary K	PROJECT_LEAD	COMPLETE	1/6/2012	12/31/2013	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
3/9/2012	Mary Gansberg	Proposed	
9/7/2012	Mary Gansberg	Active	All 2012 monitoring has been done as planned and profile data has been entered in SWIMS.
1/25/2013	Mary Gansberg	Active	All 2012 activities completed as planned. We need one more year of monitoring to make the dataset complete to be able to assess for impairment status.
5/28/2013	RUTH PERSON	Active	Mary Gansberg states that as of 5/9/13 no more samples will be collected for this project because the County is now monitoring these lakes as part of a larger lake management planning effort.
5/29/2013	Mary Gansberg	Complete	Data collected in 2012 will be used to assess the overall lake health and will be summarized with the final report for lake planning grant LPL-1521-13 (Cal-Man Lakes Watershed Plan). No additional report will be prepared.
5/29/2013	RUTH PERSON	Complete	Mary Gansberg will plan to add the final report to this project in SWIMS in approximately 3 years when monitoring by the County for these lakes, as part of a larger lake management planning effort, is complete.

Wisconsin Department of Natural Resources SWIMS Project Summary

12/11/2014	Mary Gansberg	Complete	Calumet County will have a completed and approved report and plan by February 1, 2015. This plan will include the monitoring results from this project and will be uploaded to SWIMS and connected to lake planning grant LPL-1521-13.
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Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Water Quality or Sediment	The lakes in Calumet County are in poor shape. This project is to collect water quality data on two lakes, Becker and Round, to assess impairments. Calumet County Land and Water Conservation plan recommends further monitoring for impairment determination. The County and local partners are interested in developing lake management plans for these lakes and these data would assist in that effort.	1/6/2012	12/31/2013	COMPLETE
Water Quality Planning	This project is to collect water quality data on two lakes, Becker and Round, to assess impairments. Calumet County Land and Water Conservation plan recommends further monitoring for impairment determination. The County and local partners are interested in developing lake management plans for these lakes and these data would assist in that effort.	7/1/2012	12/31/2012	COMPLETE

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

Monitoring Stations

Station ID	Name	Comments
083044	Beckers Lake - Deepest Part	
083033	Round Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
50700	3	Sheboygan River	Sheboygan River
59600	1	Unnamed Trib to Sheboygan R	Unnamed
68600	1	Round Lake	Round Lake
71000	3	Manitowoc River	Manitowoc River
75900	1	North Branch Manitowoc River	North Branch Manitowoc River
75900	2	North Branch Manitowoc River	North Branch Manitowoc River
76000	1	Unnamed Stream (T19n, R20e,S25)	Unnamed
76100	1	Unnamed Creek (T19n R22e S23)	Unnamed
76200	1	Unnamed Creek (T19n R20e S23)	Unnamed

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

76300	1	Unnamed Creek (T19n R20e S15)	Unnamed
76400	1	Unnamed Creek (T19n R20e S15)	Unnamed
76500	1	Ditch to the North Manitowoc River	Unnamed
76700	1	Unnamed Creek (T19n R20e S4)	Unnamed
76800	1	Hilbert Creek	Unnamed
76900	1	Spring Creek	Spring Creek
77000	1	Black Creek	Black Creek
77100	1	Unnamed Creek (T20n T20e S34)	Unnamed
77200	1	Grass Lake	Grass Lake
77300	1	Becker Lake	Becker Lake
77600	1	Boot Lake	Boot Lake
77700	1	Un Lake	Unnamed
77800	1	Un Lake	Unnamed
77900	1	Manitowoc R. So. Branch	South Branch Manitowoc River
77900	2	Manitowoc R. So. Branch	South Branch Manitowoc River
78200	1	Killsnake River	Killsnake River
78300	1	Unnamed Trib (T18n, R19e, S01)	Unnamed
78400	1	Unnamed Trib (T19n, R19e, S27)	Unnamed
78500	1	Unnamed Trib (T19n, R19e, S28)	Unnamed
78600	1	Unnamed Trib (T19n, R19e, S21)	Unnamed
78700	1	Cedar Creek	Cedar Creek
78900	1	Hayton Creek	Hayton Creek
79800	1	Hayton Millpond	Hayton Pond 104
79900	1	Pine Creek	Pine Creek
79900	2	Pine Creek	Pine Creek
80000	1	Unnamed Trib (T18n, R20e, S21)	Unnamed
80100	1	Unnamed Trib (T18n, R20e, S27)	Unnamed
80200	1	Jordon Creek	Jordan Creek
80200	2	Jordon Creek	Jordan Creek
80300	1	Unnamed Trib (T17n, R20e, S11)	Unnamed
80500	1	Schildhauer Pond	Schildhauer Pond
81200	1	Chilton Millpond	Chilton Millpond 75
81300	1	Unnamed Trib (T18n, R19e, S13)	Unnamed
81400	1	Unnamed Trib (T18n, R19e, S26)	Unnamed
81500	1	Stony Brook	Stony Brook

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

81500	2	Stony Brook	Stony Brook
81700	1	Unnamed Trib (T17n, R19e, S16)	Unnamed
115700	1	Un Lake	Unnamed
118000	2	East River	East River
125100	2	Plum Creek	Plum Creek
125100	3	Plum Creek	Plum Creek
125500	2	Unnamed Trib to Plum Cr	Unnamed
125600	1	Unnamed Creek(T21n,R19e,S36)	Unnamed
126800	2	Kankapot Creek	Kankapot Creek
126900	1	Local Water	Unnamed
127000	1	Local Water	Unnamed
127700	1	Garners Creek	Garners Creek
131100	1	Lake Winnebago	Lake Winnebago
131100	2	High Cliff SP - Lake Winnebago Beach	Lake Winnebago
131130	1	Unnamed Creek	Unnamed
131200	1	Unnamed Streams	Unnamed
131300	1	Unamed	Unnamed
131400	1	Unamed	Unnamed
131500	1	Mill Creek	Mill Creek
131600	1	Mud Creek	Mud Creek
131620	1	WETLAND TRIBUTARY TO MUD CREEK	Unnamed
131700	1	Roberts Creek	Roberts Creek
131900	1	Johnson Creek	Johnson Creek
132100	1	Brothertown Creek	Unnamed
3000057	1	Unnamed Creek	Unnamed
3000135	1	WETLAND TRIBUTARY TO THE NORTH BRANCH MANITOWOC RIVER	Unnamed
5021798	1	Unnamed Stream	Unnamed
5021964	1	Unnamed Stream	Unnamed
5021999	1	Unnamed Stream	Unnamed
5022060	1	Unnamed Stream	Unnamed
5022083	1	Unnamed Stream	Unnamed
5022125	1	Unnamed Stream	Unnamed
5022136	1	Unnamed Tributary to Garners Creek	Unnamed
5022162	1	Unnamed Trib to Garners Creek	Unnamed
5022198	1	Unnamed Trib to Garners Creek	Unnamed

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

5022241	1	Unnamed	Unnamed
5022391	1	Unnamed	Unnamed
5022562	1	Unnamed Stream	Unnamed
5022696	1	Unnamed Stream	Unnamed
5024409	1	Unnamed Stream	Unnamed
5024513	1	Unnamed Stream	Unnamed
5025367	1	Local Water	Unnamed
5025587	1	Unnamed Stream	Unnamed
5553969	1	Local Water	Unnamed
5554120	1	Local Water	Unnamed
5554199	1	Local Water	Unnamed
5554467	1	Local Water	Unnamed
5554719	1	Local Water	Unnamed
5554754	1	Local Water	Unnamed
5554781	1	Local Water	Unnamed
5554832	1	Local Water	Unnamed
5554992	1	Local Water	Unnamed
5555007	1	Local Water	Unnamed
5555265	1	Local Water	Unnamed
5560292	1	Local Water	Unnamed
5590421	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WT155	LAKES SPECIAL PROJECTS	5/11/2012	6/30/2013

Forms

Form Code	Form Name
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
1/1/2012	COMPLETE		083044	Beckers Lake - Deepest Part
8/2/2012 11:00	COMPLETE	BL-4	083044	Beckers Lake - Deepest Part
8/2/2012 11:00	COMPLETE		083044	Beckers Lake - Deepest Part

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

8/2/2012 13:30	COMPLETE	RL-2	083033	Round Lake - Deep Hole
8/22/2012 12:45	COMPLETE	RL-2	083033	Round Lake - Deep Hole
8/22/2012 14:00	COMPLETE	BL-4	083044	Beckers Lake - Deepest Part
9/6/2012 13:30	COMPLETE	BL-4	083044	Beckers Lake - Deepest Part
9/6/2012 14:30	COMPLETE	RL-2	083033	Round Lake - Deep Hole
8/13/2020 12:35	COMPLETE	BC	083044	Beckers Lake - Deepest Part

Documents

Title	Description	Author	Published	Comments
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Budget

Budget Description: July -December 2013

Start Date: 7/15/2013

End Date: 9/15/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	24	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00	
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	180	Miles	\$0.72	\$129.60	
MEAL	Meals	3	Meals	\$9.00	\$27.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$156.60	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$156.60	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I251UNF	CHLOROPHYLL A, FLUORESCENCE, FF (EPA 445.0)	INORGANIC CHEMISTRY	6	\$23.28	\$139.68
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	6	\$23.60	\$141.60

Total WSLH Lab Costs: \$281.28

Total Budget: \$437.88

Combined Budgets: \$156.60

Combined WSLH: \$281.28

Combined Total: \$437.88

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Funding					
Organization	Source	Type	Amount	Start Date	End Date