

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: RP30017

Name: OZAUKEE COUNTY: Water Quality Monitoring on Mole Creek and the LMR

Type: River Grant

Subtype: River Planning Grant

Status: COMPLETE

Start Date: 2/15/2017

End Date: 12/31/2018

Purpose: Ozaukee County Planning and Parks Department is sponsoring a project to conduct water quality monitoring along Mole Creek and the Little Menomonee River.

Project activities include: 1) Collect 6 water samples at 17 locations across Mole Creek and Little Menomonee River. Sampling shall represent three low-flow events and three high-flow events. Each water sample shall be tested for Total Phosphorus, orthophosphate, TSS, Chlorides, and E. coli. Testing will be performed by SLOH. 2) Deploy continuous water quality monitoring units on a rotating basis across Mole Creek and Little Menomonee River, recording water temperature, DO, depth, pH, and conductivity.

Project deliverables include: 1) Enter all data into DNR SWIM database. 2) Provide to the Department a final report summarizing data results.

Special Conditions: 1) In kind labor and services documentation shall be maintained in accordance with grant program guidelines for reporting in kind donations.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Rivers Biologist.

Objective:

Comments: Grantee is OZAUKEE COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Kroening, Kristina	TEAM_MEMBER	ACTIVE	5/1/2017		Ozaukee County Planning and Parks Department	
Ozaukee County Planning & Park	GRANT_RECIPIENT	ACTIVE	4/11/2017		Ozaukee County Planning & Parks Department	
Struck, Andrew	COORDINATOR	ACTIVE	4/11/2017		Ozaukee Co.	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Ozaukee County Planning and Parks Department is sponsoring a project to conduct water quality monitoring along Mole Creek and the Little Menomonee River. Project activities include: 1) Collect 6 water samples at 17 locations across Mole Creek and Little Menomonee River. Sampling shall represent three low-flow events and three high-flow events. Each water sample shall be tested for Total Phosphorus, orthophosphate, TSS, Chlorides, and E. coli. Testing will be performed by SLOH. 2) Deploy continuous water quality monitoring units on a rotating basis across Mole Creek and Little Menomonee River, recording water temperature, DO, depth, pH, and conductivity. Project deliverables include: 1) Enter all data into DNR SWIM database. 2) Provide to the Department a final report summarizing data results.	2/15/2017	12/31/2018	COMPLETE
Monitor Water Quality or Sediment	Ozaukee County Planning and Parks Department is sponsoring a project to conduct water quality monitoring along Mole Creek and the Little Menomonee River. Project activities include: 1) Collect 6 water samples at 17 locations across Mole Creek and Little Menomonee River. Sampling shall represent three low-flow events and three high-flow events. Each water sample shall be tested for Total Phosphorus, orthophosphate, TSS, Chlorides, and E. coli. Testing will be performed by SLOH. 2) Deploy continuous water quality monitoring units on a rotating basis across Mole Creek and Little Menomonee River, recording water temperature, DO, depth, pH, and conductivity. Project deliverables include: 1) Enter all data into DNR SWIM database. 2) Provide to the Department a final report summarizing data results.	2/15/2017	12/31/2018	IN_PROGRESS

Details: Parameter	Value/Amount	Units	Comments
BMP Implementation			
I & E Activities			
PCBs			
Permit Modification			
Products Developed: Stormwater Plan			
Protective Areas: Feet of bank protected			
Protective Areas: Feet of bank protected			
Protective Areas: Feet of bank protected			
Report Writeup			
Stormwater Goals Addressed: Protective areas			

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Details: Parameter	Value/Amount	Units	Comments
Stormwater Goals Addressed: Reduce TSS			
Streambank & Shoreline Protection: Pollutant load reduction			
Streambank & Shoreline Protection: Units			
Streambank & Shoreline Protection: Pollutant load reduction			
Streambank & Shoreline Protection: Units			
Streambanks: Feet of bank protected			
Streambanks: Feet of bank protected			
Streambanks: Feet of bank protected			
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			
Watershed Outreach, Planning			

Monitoring Stations

Station ID	Name	Comments
10048228	Little Menomonee Creek	
10048230	Little Menomonee Creek	
10048224	Little Menomonee River	
10048225	Little Menomonee River	
10048229	Little Menomonee River	
10048223	Little Menomonee River	
10048231	Little Menomonee River	
10048232	Little Menomonee River	
10048233	Little Menomonee River at County Line Road	
10048222	Little Menomonee River at Freistadt Road	
10048226	Little Menomonee River at Mequon Road	

Assessment Units

WBIC	Segment	Local Name	Official Name
17600	1	Little Menomonee River	Little Menomonee River
17600	2	Little Menomonee	Little Menomonee River
17900	1	Little Menomonee River	Little Menomonee Creek

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Lab Account Codes				
Account Code	Description	Start Date	End Date	
Forms				
Form Code	Form Name			
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity			
Methods				
Method Code	Method Description			
Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
7/13/2017 11:44	COMPLETE	1-48233-17	10048233	Little Menomonee River at County Line Road
7/13/2017 12:29	COMPLETE	1-48232-17	10048232	Little Menomonee River
7/13/2017 13:21	COMPLETE	1-48231-17	10048231	Little Menomonee River
7/13/2017 13:46	COMPLETE	1-48228-17	10048228	Little Menomonee Creek
7/13/2017 14:04	COMPLETE	1-48230-17	10048230	Little Menomonee Creek
7/13/2017 14:30	COMPLETE	1-48229-17	10048229	Little Menomonee River
7/13/2017 15:31	COMPLETE	1-48226-17	10048226	Little Menomonee River at Mequon Road
7/13/2017 16:07	COMPLETE	1-48225-17	10048225	Little Menomonee River
7/13/2017 16:50	COMPLETE	1-48224-17	10048224	Little Menomonee River
7/13/2017 17:38	COMPLETE	1-48222-17	10048222	Little Menomonee River at Freistadt Road
7/13/2017 18:16	COMPLETE	1-48223-17	10048223	Little Menomonee River
7/31/2017 12:06	COMPLETE	2-48233-17	10048233	Little Menomonee River at County Line Road
7/31/2017 12:36	COMPLETE	2-48232-17	10048232	Little Menomonee River
7/31/2017 14:03	COMPLETE	2-48231-17	10048231	Little Menomonee River
7/31/2017 14:22	COMPLETE	2-48230-17	10048230	Little Menomonee Creek
7/31/2017 14:41	COMPLETE	2-48228-17	10048228	Little Menomonee Creek
7/31/2017 14:59	COMPLETE	2-48229-17	10048229	Little Menomonee River
7/31/2017 15:49	COMPLETE	2-48226-17	10048226	Little Menomonee River at Mequon Road
7/31/2017 16:40	COMPLETE	2-48225-17	10048225	Little Menomonee River
7/31/2017 18:22	COMPLETE	2-48224-17	10048224	Little Menomonee River
7/31/2017 19:01	COMPLETE	2-48222-17	10048222	Little Menomonee River at Freistadt Road
7/31/2017 19:31	COMPLETE	2-48223-17	10048223	Little Menomonee River
9/14/2017 11:59	COMPLETE	3-48233-17	10048233	Little Menomonee River at County Line Road
9/14/2017 12:38	COMPLETE	3-48232-17	10048232	Little Menomonee River
9/14/2017 13:57	COMPLETE	3-48231-17	10048231	Little Menomonee River

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9/14/2017 14:10	COMPLETE	3-48230-17	10048230	Little Menomonee Creek
9/14/2017 14:26	COMPLETE	3-48228-17	10048228	Little Menomonee Creek
9/14/2017 14:43	COMPLETE	3-48229-17	10048229	Little Menomonee River
9/14/2017 15:24	COMPLETE	3-48226-17	10048226	Little Menomonee River at Mequon Road
9/14/2017 15:58	COMPLETE	3-48225-17	10048225	Little Menomonee River
9/14/2017 16:44	COMPLETE	3-48224-17	10048224	Little Menomonee River
9/14/2017 17:16	COMPLETE	3-48222-17	10048222	Little Menomonee River at Freistadt Road
9/14/2017 17:42	COMPLETE	3-48223-17	10048223	Little Menomonee River
5/24/2018 12:04	COMPLETE	4-48233-18	10048233	Little Menomonee River at County Line Road
5/24/2018 12:51	COMPLETE	4-48232-18	10048232	Little Menomonee River
5/24/2018 13:53	COMPLETE	4-48231-18	10048231	Little Menomonee River
5/24/2018 14:12	COMPLETE	4-48230-18	10048230	Little Menomonee Creek
5/24/2018 14:32	COMPLETE	4-48228-18	10048228	Little Menomonee Creek
5/24/2018 14:54	COMPLETE	4-48229-18	10048229	Little Menomonee River
5/24/2018 15:31	COMPLETE	4-48226-18	10048226	Little Menomonee River at Mequon Road
5/24/2018 16:04	COMPLETE	4-48225-18	10048225	Little Menomonee River
5/24/2018 16:48	COMPLETE	4-48224-18	10048224	Little Menomonee River
5/24/2018 17:24	COMPLETE	4-48222-18	10048222	Little Menomonee River at Freistadt Road
5/24/2018 17:45	COMPLETE	4-48223-18	10048223	Little Menomonee River
6/14/2018 12:30	COMPLETE	5-48233-18	10048233	Little Menomonee River at County Line Road
6/14/2018 12:56	COMPLETE	5-48232-18	10048232	Little Menomonee River
6/14/2018 13:47	COMPLETE	5-48231-18	10048231	Little Menomonee River
6/14/2018 14:05	COMPLETE	5-48230-18	10048230	Little Menomonee Creek
6/14/2018 14:21	COMPLETE	5-48228-18	10048228	Little Menomonee Creek
6/14/2018 14:38	COMPLETE	5-48229-18	10048229	Little Menomonee River
6/14/2018 15:12	COMPLETE	5-48226-18	10048226	Little Menomonee River at Mequon Road
6/14/2018 15:36	COMPLETE	5-48225-18	10048225	Little Menomonee River
6/14/2018 16:15	COMPLETE	5-48224-18	10048224	Little Menomonee River
6/14/2018 16:50	COMPLETE	5-48222-18	10048222	Little Menomonee River at Freistadt Road
6/14/2018 17:10	COMPLETE	5-48223-18	10048223	Little Menomonee River
7/26/2018 11:30	COMPLETE	6-48233-18	10048233	Little Menomonee River at County Line Road
7/26/2018 12:00	COMPLETE	6-48232-18	10048232	Little Menomonee River
7/26/2018 12:32	COMPLETE	6-48231-18	10048231	Little Menomonee River
7/26/2018 12:40	COMPLETE	6-48230-18	10048230	Little Menomonee Creek
7/26/2018 12:50	COMPLETE	6-48228-18	10048228	Little Menomonee Creek

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7/26/2018 13:00	COMPLETE	6-48229-18	10048229	Little Menomonee River
7/26/2018 14:05	COMPLETE	6-48226-18	10048226	Little Menomonee River at Mequon Road
7/26/2018 14:50	COMPLETE	6-48225-18	10048225	Little Menomonee River
7/26/2018 15:20	COMPLETE	6-48224-18	10048224	Little Menomonee River
7/26/2018 16:20	COMPLETE	6-48222-18	10048222	Little Menomonee River at Freistadt Road
7/26/2018 17:09	COMPLETE	6-48223-18	10048223	Little Menomonee River

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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