

## 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:** 02/15/2017  
**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	05/01/2017		Ozaukee County Planning and Parks Department	
Ozaukee County Planning & I	GRANT_RECIP	ACTIVE	04/11/2017		Ozaukee County Planning & Parks Department	
Struck, Andrew	COORDINATOR	ACTIVE	04/11/2017		Ozaukee Co.	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
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## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>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.</p>	02/15/2017	12/31/2018	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment	<p>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.</p>	02/15/2017	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			
	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			

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### 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

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

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

### Methods

Method Code	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
07/13/2017 11:44	COMPLETE	1-48233-17	10048233	Little Menomonee River at County Line Road
07/13/2017 12:29	COMPLETE	1-48232-17	10048232	Little Menomonee River
07/13/2017 13:21	COMPLETE	1-48231-17	10048231	Little Menomonee River
07/13/2017 13:46	COMPLETE	1-48228-17	10048228	Little Menomonee Creek
07/13/2017 14:04	COMPLETE	1-48230-17	10048230	Little Menomonee Creek
07/13/2017 14:30	COMPLETE	1-48229-17	10048229	Little Menomonee River
07/13/2017 15:31	COMPLETE	1-48226-17	10048226	Little Menomonee River at Mequon Road
07/13/2017 16:07	COMPLETE	1-48225-17	10048225	Little Menomonee River
07/13/2017 16:50	COMPLETE	1-48224-17	10048224	Little Menomonee River
07/13/2017 17:38	COMPLETE	1-48222-17	10048222	Little Menomonee River at Freistadt Road
07/13/2017 18:16	COMPLETE	1-48223-17	10048223	Little Menomonee River
07/31/2017 12:06	COMPLETE	2-48233-17	10048233	Little Menomonee River at County Line Road
07/31/2017 12:36	COMPLETE	2-48232-17	10048232	Little Menomonee River
07/31/2017 14:03	COMPLETE	2-48231-17	10048231	Little Menomonee River
07/31/2017 14:22	COMPLETE	2-48230-17	10048230	Little Menomonee Creek
07/31/2017 14:41	COMPLETE	2-48228-17	10048228	Little Menomonee Creek
07/31/2017 14:59	COMPLETE	2-48229-17	10048229	Little Menomonee River

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<b>Start Date</b>	<b>Status</b>	<b>Field ID</b>	<b>Station ID</b>	<b>Station Name</b>
07/31/2017 15:49	COMPLETE	2-48226-17	10048226	Little Menomonee River at Mequon Road
07/31/2017 16:40	COMPLETE	2-48225-17	10048225	Little Menomonee River
07/31/2017 18:22	COMPLETE	2-48224-17	10048224	Little Menomonee River
07/31/2017 19:01	COMPLETE	2-48222-17	10048222	Little Menomonee River at Freistadt Road
07/31/2017 19:31	COMPLETE	2-48223-17	10048223	Little Menomonee River
09/14/2017 11:59	COMPLETE	3-48233-17	10048233	Little Menomonee River at County Line Road
09/14/2017 12:38	COMPLETE	3-48232-17	10048232	Little Menomonee River
09/14/2017 13:57	COMPLETE	3-48231-17	10048231	Little Menomonee River
09/14/2017 14:10	COMPLETE	3-48230-17	10048230	Little Menomonee Creek
09/14/2017 14:26	COMPLETE	3-48228-17	10048228	Little Menomonee Creek
09/14/2017 14:43	COMPLETE	3-48229-17	10048229	Little Menomonee River
09/14/2017 15:24	COMPLETE	3-48226-17	10048226	Little Menomonee River at Mequon Road
09/14/2017 15:58	COMPLETE	3-48225-17	10048225	Little Menomonee River
09/14/2017 16:44	COMPLETE	3-48224-17	10048224	Little Menomonee River
09/14/2017 17:16	COMPLETE	3-48222-17	10048222	Little Menomonee River at Freistadt Road
09/14/2017 17:42	COMPLETE	3-48223-17	10048223	Little Menomonee River
05/24/2018 12:04	COMPLETE	4-48233-18	10048233	Little Menomonee River at County Line Road
05/24/2018 12:51	COMPLETE	4-48232-18	10048232	Little Menomonee River
05/24/2018 13:53	COMPLETE	4-48231-18	10048231	Little Menomonee River
05/24/2018 14:12	COMPLETE	4-48230-18	10048230	Little Menomonee Creek
05/24/2018 14:32	COMPLETE	4-48228-18	10048228	Little Menomonee Creek
05/24/2018 14:54	COMPLETE	4-48229-18	10048229	Little Menomonee River
05/24/2018 15:31	COMPLETE	4-48226-18	10048226	Little Menomonee River at Mequon Road
05/24/2018 16:04	COMPLETE	4-48225-18	10048225	Little Menomonee River
05/24/2018 16:48	COMPLETE	4-48224-18	10048224	Little Menomonee River
05/24/2018 17:24	COMPLETE	4-48222-18	10048222	Little Menomonee River at Freistadt Road
05/24/2018 17:45	COMPLETE	4-48223-18	10048223	Little Menomonee River
06/14/2018 12:30	COMPLETE	5-48233-18	10048233	Little Menomonee River at County Line Road
06/14/2018 12:56	COMPLETE	5-48232-18	10048232	Little Menomonee River
06/14/2018 13:47	COMPLETE	5-48231-18	10048231	Little Menomonee River
06/14/2018 14:05	COMPLETE	5-48230-18	10048230	Little Menomonee Creek
06/14/2018 14:21	COMPLETE	5-48228-18	10048228	Little Menomonee Creek
06/14/2018 14:38	COMPLETE	5-48229-18	10048229	Little Menomonee River
06/14/2018 15:12	COMPLETE	5-48226-18	10048226	Little Menomonee River at Mequon Road
06/14/2018 15:36	COMPLETE	5-48225-18	10048225	Little Menomonee River
06/14/2018 16:15	COMPLETE	5-48224-18	10048224	Little Menomonee River
06/14/2018 16:50	COMPLETE	5-48222-18	10048222	Little Menomonee River at Freistadt Road
06/14/2018 17:10	COMPLETE	5-48223-18	10048223	Little Menomonee River
07/26/2018 11:30	COMPLETE	6-48233-18	10048233	Little Menomonee River at County Line Road
07/26/2018 12:00	COMPLETE	6-48232-18	10048232	Little Menomonee River
07/26/2018 12:32	COMPLETE	6-48231-18	10048231	Little Menomonee River
07/26/2018 12:40	COMPLETE	6-48230-18	10048230	Little Menomonee Creek
07/26/2018 12:50	COMPLETE	6-48228-18	10048228	Little Menomonee Creek
07/26/2018 13:00	COMPLETE	6-48229-18	10048229	Little Menomonee River
07/26/2018 14:05	COMPLETE	6-48226-18	10048226	Little Menomonee River at Mequon Road
07/26/2018 14:50	COMPLETE	6-48225-18	10048225	Little Menomonee River
07/26/2018 15:20	COMPLETE	6-48224-18	10048224	Little Menomonee River
07/26/2018 16:20	COMPLETE	6-48222-18	10048222	Little Menomonee River at Freistadt Road

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Start Date	Status	Field ID	Station ID	Station Name
07/26/2018 17:09	COMPLETE	6-48223-18	10048223	Little Menomonee River

### Documents

Title	Description	Author	Published	Comments
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### Budget

Combined Budgets:

Combined SLOH:

Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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