

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-1557-15

Name: SIGURD OLSON ENVIRONMENTAL INSTITUTE: Comprehensive Management Planning for Caroline Lake

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 2/15/2015

End Date: 12/31/2021

Purpose: Sigurd Olson Environmental Institute is sponsoring a comprehensive lake monitoring and management planning project on Caroline Lake. Activities include: aquatic plant, shoreland, water quality and quantity, and tributary loading monitoring; watershed mapping and modeling; sociological surveying; and planning with local stakeholders. The project includes regular public participation/engagement and education and outreach. All data collected, including lab results, must be entered into SWIMS. The final deliverable will be a comprehensive lake management plan.

Water quality samples collected as part of this project will have analysis completed by the Applied Research and Environmental Laboratory at Northland College. The Department releases the project sponsor from condition #6 under Project Activities of the standard grant contract.

The specific objectives, metrics, and deliverables for the listed activities are included in the application and supporting materials, and this scope is not intended to replace or supersede those documents.

Objective:

Comments: Grantee is SIGURD OLSON ENVIRONMENTAL INSTITUTE

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Fitzgerald, Joe	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Gorsky, Ellen	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Hein, Marina	TEAM_MEMBER	ACTIVE	6/17/2015			
Hudson, Matt	COORDINATOR	ACTIVE	6/17/2015		Northland College	
Lehr, Randy	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Matzinger, Parker	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
McNerney, Chris	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Merton, Nile	TEAM_MEMBER	ACTIVE	6/17/2015			
Niewinski, Desi	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Oldenborg, Kim	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Sigurd Olson Environmental Ins	GRANT_RECIPIENT	ACTIVE	3/11/2015		Sigurd Olson Environmental Institute	
Soukey, Anthony	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	

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Toshner, Pamela J	COORDINATOR	ACTIVE	3/11/2015		Wisconsin DNR	
Ulman, Marisa	TEAM_MEMBER	COMPLETE	6/17/2015	5/18/2018		
Welnetz, Jordan	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	
Winters, Samantha	TEAM_MEMBER	ACTIVE	6/17/2015		Northland College	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	2/15/2015	6/30/2017	PROPOSED
Grant Awarded	Sigurd Olson Environmental Institute is sponsoring a comprehensive lake monitoring and management planning project on Caroline Lake. Activities include: aquatic plant, shoreland, water quality and quantity, and tributary loading monitoring; watershed mapping and modeling; sociological surveying; and planning with local stakeholders. The project includes regular public participation/engagement and education and outreach. All data collected, including lab results, must be entered into SWIMS. The final deliverable will be a comprehensive lake management plan.	2/15/2015	6/30/2017	COMPLETE

Monitoring Stations

Station ID	Name	Comments
023055	Caroline Lake Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2938000	1	Caroline Lake	Caroline Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.

Methods

Method Code	Method Description
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Fieldwork Events

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Start Date	Status	Field ID	Station ID	Station Name
4/27/2015 14:45	COMPLETE		023055	Caroline Lake Deep Hole
4/27/2015 14:45	COMPLETE		023055	Caroline Lake Deep Hole
5/11/2015 12:30	COMPLETE		023055	Caroline Lake Deep Hole
5/11/2015 12:30	COMPLETE		023055	Caroline Lake Deep Hole
5/11/2015 12:30	COMPLETE		023055	Caroline Lake Deep Hole
5/28/2015 12:20	COMPLETE		023055	Caroline Lake Deep Hole
5/28/2015 12:20	COMPLETE		023055	Caroline Lake Deep Hole
5/28/2015 12:20	COMPLETE		023055	Caroline Lake Deep Hole
5/28/2015 12:30	COMPLETE		023055	Caroline Lake Deep Hole
5/28/2015 12:30	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2015 13:40	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2015 13:40	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2015 13:40	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2015 13:50	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2015 13:50	COMPLETE		023055	Caroline Lake Deep Hole
6/24/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
6/24/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
6/24/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/6/2015 13:00	COMPLETE		023055	Caroline Lake Deep Hole
7/23/2015 13:20	COMPLETE		023055	Caroline Lake Deep Hole
7/23/2015 13:20	COMPLETE		023055	Caroline Lake Deep Hole
7/23/2015 13:20	COMPLETE		023055	Caroline Lake Deep Hole
8/3/2015 14:00	COMPLETE		023055	Caroline Lake Deep Hole
8/3/2015 14:00	COMPLETE		023055	Caroline Lake Deep Hole
8/3/2015 14:00	COMPLETE		023055	Caroline Lake Deep Hole
8/3/2015 14:00	COMPLETE		023055	Caroline Lake Deep Hole
8/3/2015 14:00	COMPLETE		023055	Caroline Lake Deep Hole
8/3/2015 14:00	COMPLETE		023055	Caroline Lake Deep Hole
8/17/2015 13:50	COMPLETE		023055	Caroline Lake Deep Hole

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8/17/2015 13:50	COMPLETE		023055	Caroline Lake Deep Hole
8/17/2015 13:50	COMPLETE		023055	Caroline Lake Deep Hole
9/1/2015 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/1/2015 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/1/2015 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/1/2015 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/1/2015 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/1/2015 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/15/2015 12:00	COMPLETE		023055	Caroline Lake Deep Hole
9/15/2015 12:00	COMPLETE		023055	Caroline Lake Deep Hole
9/15/2015 12:00	COMPLETE		023055	Caroline Lake Deep Hole
9/29/2015 13:30	COMPLETE		023055	Caroline Lake Deep Hole
9/29/2015 13:30	COMPLETE		023055	Caroline Lake Deep Hole
9/29/2015 13:30	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2015 13:25	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2015 13:25	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2015 13:25	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2015 13:25	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2015 13:25	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2015 13:25	COMPLETE		023055	Caroline Lake Deep Hole
5/3/2016	COMPLETE		023055	Caroline Lake Deep Hole
5/3/2016 15:15	COMPLETE		023055	Caroline Lake Deep Hole
5/3/2016 15:15	COMPLETE		023055	Caroline Lake Deep Hole
5/3/2016 15:15	COMPLETE		023055	Caroline Lake Deep Hole
5/3/2016 15:15	COMPLETE		023055	Caroline Lake Deep Hole
5/17/2016	COMPLETE		023055	Caroline Lake Deep Hole
5/17/2016 11:15	COMPLETE		023055	Caroline Lake Deep Hole
5/17/2016 11:15	COMPLETE		023055	Caroline Lake Deep Hole
5/17/2016 11:15	COMPLETE		023055	Caroline Lake Deep Hole
5/17/2016 11:15	COMPLETE		023055	Caroline Lake Deep Hole
6/8/2016	COMPLETE		023055	Caroline Lake Deep Hole
6/8/2016 14:30	COMPLETE		023055	Caroline Lake Deep Hole
6/8/2016 14:30	COMPLETE		023055	Caroline Lake Deep Hole
6/8/2016 14:30	COMPLETE		023055	Caroline Lake Deep Hole
6/8/2016 14:30	COMPLETE		023055	Caroline Lake Deep Hole

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6/20/2016	COMPLETE		023055	Caroline Lake Deep Hole
6/20/2016 13:55	COMPLETE		023055	Caroline Lake Deep Hole
6/20/2016 13:55	COMPLETE		023055	Caroline Lake Deep Hole
6/20/2016 13:55	COMPLETE		023055	Caroline Lake Deep Hole
7/4/2016	COMPLETE		023055	Caroline Lake Deep Hole
7/4/2016 10:40	COMPLETE		023055	Caroline Lake Deep Hole
7/4/2016 10:40	COMPLETE		023055	Caroline Lake Deep Hole
7/4/2016 10:40	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016 11:35	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016 11:35	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016 11:35	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016 11:35	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016 11:50	COMPLETE		023055	Caroline Lake Deep Hole
7/19/2016 11:50	COMPLETE		023055	Caroline Lake Deep Hole
8/1/2016	COMPLETE		023055	Caroline Lake Deep Hole
8/1/2016 12:55	COMPLETE		023055	Caroline Lake Deep Hole
8/1/2016 12:55	COMPLETE		023055	Caroline Lake Deep Hole
8/1/2016 12:55	COMPLETE		023055	Caroline Lake Deep Hole
8/16/2016	COMPLETE		023055	Caroline Lake Deep Hole
8/16/2016 12:15	COMPLETE		023055	Caroline Lake Deep Hole
8/16/2016 12:15	COMPLETE		023055	Caroline Lake Deep Hole
8/16/2016 12:15	COMPLETE		023055	Caroline Lake Deep Hole
8/30/2016	COMPLETE		023055	Caroline Lake Deep Hole
8/30/2016 13:10	COMPLETE		023055	Caroline Lake Deep Hole
8/30/2016 13:10	COMPLETE		023055	Caroline Lake Deep Hole
8/30/2016 13:10	COMPLETE		023055	Caroline Lake Deep Hole
8/30/2016 13:10	COMPLETE		023055	Caroline Lake Deep Hole
9/13/2016	COMPLETE		023055	Caroline Lake Deep Hole
9/13/2016 14:10	COMPLETE		023055	Caroline Lake Deep Hole
9/13/2016 14:10	COMPLETE		023055	Caroline Lake Deep Hole
9/13/2016 14:10	COMPLETE		023055	Caroline Lake Deep Hole
9/13/2016 14:10	COMPLETE		023055	Caroline Lake Deep Hole
9/28/2016	COMPLETE		023055	Caroline Lake Deep Hole
9/28/2016 15:30	COMPLETE		023055	Caroline Lake Deep Hole

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9/28/2016 15:30	COMPLETE		023055	Caroline Lake Deep Hole
9/28/2016 15:30	COMPLETE		023055	Caroline Lake Deep Hole
9/29/2016 15:30	COMPLETE		023055	Caroline Lake Deep Hole
10/18/2016	COMPLETE		023055	Caroline Lake Deep Hole
10/18/2016 11:30	COMPLETE		023055	Caroline Lake Deep Hole
10/18/2016 11:30	COMPLETE		023055	Caroline Lake Deep Hole
10/18/2016 11:30	COMPLETE		023055	Caroline Lake Deep Hole
10/18/2016 11:30	COMPLETE		023055	Caroline Lake Deep Hole
4/24/2017 13:30	COMPLETE		023055	Caroline Lake Deep Hole
4/24/2017 13:30	COMPLETE		023055	Caroline Lake Deep Hole
4/24/2017 13:30	COMPLETE		023055	Caroline Lake Deep Hole
10/22/2018 15:20	COMPLETE		023055	Caroline Lake Deep Hole
10/22/2018 15:20	COMPLETE		023055	Caroline Lake Deep Hole
10/22/2018 15:20	COMPLETE		023055	Caroline Lake Deep Hole
5/1/2019 12:20	COMPLETE		023055	Caroline Lake Deep Hole
5/1/2019 12:28	COMPLETE	CARL	023055	Caroline Lake Deep Hole
5/1/2019 12:28	COMPLETE		023055	Caroline Lake Deep Hole
6/5/2019 10:00	COMPLETE		023055	Caroline Lake Deep Hole
6/5/2019 11:50	COMPLETE	CARL-SURFACE	023055	Caroline Lake Deep Hole
6/5/2019 12:04	COMPLETE	CARL-BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:16	COMPLETE	CARL SURFACE	023055	Caroline Lake Deep Hole
6/19/2019 10:16	COMPLETE		023055	Caroline Lake Deep Hole
6/19/2019 10:16	COMPLETE		023055	Caroline Lake Deep Hole
6/19/2019 10:16	COMPLETE		023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE		023055	Caroline Lake Deep Hole
6/19/2019 10:30	COMPLETE		023055	Caroline Lake Deep Hole

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7/1/2019	COMPLETE	CARL SURFACE	023055	Caroline Lake Deep Hole
7/1/2019 16:40	COMPLETE		023055	Caroline Lake Deep Hole
7/1/2019 16:40	COMPLETE		023055	Caroline Lake Deep Hole
7/1/2019 16:40	COMPLETE		023055	Caroline Lake Deep Hole
7/1/2019 16:48	COMPLETE		023055	Caroline Lake Deep Hole
7/1/2019 16:48	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2019 13:17	COMPLETE	CARL SURFACE	023055	Caroline Lake Deep Hole
7/16/2019 13:17	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2019 13:17	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2019 13:17	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2019 13:20	COMPLETE	CARL BOTTOM	023055	Caroline Lake Deep Hole
7/16/2019 13:20	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2019 13:30	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:06	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:06	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:06	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:08	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:08	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:08	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:09	COMPLETE		023055	Caroline Lake Deep Hole
8/6/2019 12:09	COMPLETE		023055	Caroline Lake Deep Hole
8/21/2019 9:20	COMPLETE	CARL	023055	Caroline Lake Deep Hole
8/21/2019 9:20	COMPLETE		023055	Caroline Lake Deep Hole
8/21/2019 9:20	COMPLETE		023055	Caroline Lake Deep Hole
8/21/2019 9:20	COMPLETE		023055	Caroline Lake Deep Hole
8/21/2019 9:31	COMPLETE	CARL	023055	Caroline Lake Deep Hole
8/21/2019 9:31	COMPLETE		023055	Caroline Lake Deep Hole
8/21/2019 9:31	COMPLETE		023055	Caroline Lake Deep Hole
9/10/2019 10:15	COMPLETE	CARL	023055	Caroline Lake Deep Hole
9/10/2019 10:15	COMPLETE		023055	Caroline Lake Deep Hole
9/10/2019 10:15	COMPLETE		023055	Caroline Lake Deep Hole
9/10/2019 10:15	COMPLETE		023055	Caroline Lake Deep Hole
9/10/2019 10:25	COMPLETE		023055	Caroline Lake Deep Hole
9/10/2019 10:25	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2019 11:06	COMPLETE	NA	023055	Caroline Lake Deep Hole

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10/14/2019 11:06	COMPLETE		023055	Caroline Lake Deep Hole
10/14/2019 11:06	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2020 8:32	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2020 8:32	COMPLETE		023055	Caroline Lake Deep Hole
6/9/2020 8:32	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2020 11:40	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2020 11:40	COMPLETE		023055	Caroline Lake Deep Hole
7/16/2020 11:40	COMPLETE		023055	Caroline Lake Deep Hole
8/19/2020 9:28	COMPLETE		023055	Caroline Lake Deep Hole
8/19/2020 9:28	COMPLETE		023055	Caroline Lake Deep Hole
8/19/2020 9:28	COMPLETE		023055	Caroline Lake Deep Hole
10/19/2020 14:15	COMPLETE		023055	Caroline Lake Deep Hole
10/19/2020 14:15	COMPLETE		023055	Caroline Lake Deep Hole
10/19/2020 14:15	COMPLETE		023055	Caroline Lake Deep Hole

Documents

Title	Description	Author	Published	Comments
Comprehensive Management Plan for Eleven Lakes in the Penokee Hills of Ashland and Iron Co., Wisconsin	A plan for the long-term management of eleven lakes near the Penokee Iron range of Ashland and Iron Counties of Wisconsin. The eleven lakes are being considered as on system for the purposes of this management plan.	Matt Hudson	7/25/2022	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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