

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** CLMN-WaterLev-417400-Calibr

**Name:** Citizen Water Level Monitoring - Archibald Lake - Calibration

**Type:** Citizen Lake Monitoring

**Subtype:** Water Level Monitoring - Calibration

**Status:** ACTIVE

**Start Date:** 1/1/2015

**End Date:** 12/31/2099

**Purpose:** Citizen volunteers lake level measurements by visually reading a staff gage, which is scale (made out of enameled steel and marked in feet and tenths) placed in the lake bed to show the elevation of the water surface. The staff gage is calibrated by referencing the numbered height on the gage to the surveyed elevation of the water surface at the time of installation (Harrelson et al., 1994). Volunteers will also enter their lake level data into the Surface Water Integrated Monitoring System (SWIMS) database. Trained professionals will install the staff gage and perform all surveys (following installation, mid-season, and at removal) of the staff gage. They will also be responsible for removing the gage and entering all survey data into SWIMS each year.

**Objective:**

**Comments:**

**Outcome:**

**Study Design:** This gage is fitted with a unique ID - "WI2010" which allows anyone to text water levels and participate in data collection.

<http://www.crowdhydrology.com/about/>

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
ALBRIGHT, LINDSEY B	COORDINATOR	INACTIVE	8/19/2015		Wisconsin DNR	
Dolata, Ken	TEAM_MEMBER	ACTIVE	8/19/2015		Oconto County Land Conservation District	
HEIN, CATHERINE L	PROJECT_LEAD	ACTIVE	8/19/2015		Wisconsin DNR	
Nordin, Brenda L	COORDINATOR	ACTIVE	1/1/2015	12/31/2099	Wisconsin DNR	
WIED, JOSHUA J	TEAM_MEMBER	COMPLETE	5/24/2016	1/15/2020	Stantec	
ZALAY, BRIAN D	COORDINATOR	COMPLETE	1/1/2015	10/12/2021	Wisconsin DNR	
Zalay, Brian D	COORDINATOR	INACTIVE	1/1/2015	11/12/2019		

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Water Level	Citizen Water Level Monitoring - Archibald Lake - Calibration	1/1/2015	12/31/2099	IN_PROGRESS

Monitoring Stations

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Station ID	Name	Comments
10044038	Archibald Lake - Staff Gage	
10044947	Archibald Lake - Staff Gauge - Moved	
10044052	Paya Lake - Staff Gage	

Assessment Units			
WBIC	Segment	Local Name	Official Name
417400	1	Archibald Lake	Archibald Lake
425600	1	Paya Lake	Paya Lake

Lab Account Codes			
Account Code	Description	Start Date	End Date

Forms	
Form Code	Form Name
STAFF_GAGE_CALIB2016	Staff Gauge Survey Data Sheet

Methods	
Method Code	Method Description
WATER_LEVEL_MONITORING_SURVEYOR	Water Level Monitoring Surveyor 2016

Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
8/26/2015 0:30	COMPLETE		10044038	Archibald Lake - Staff Gage
9/2/2015	COMPLETE		10044038	Archibald Lake - Staff Gage
11/9/2015 9:00	COMPLETE		10044038	Archibald Lake - Staff Gage
4/26/2016 8:30	COMPLETE		10044947	Archibald Lake - Staff Gauge - Moved
11/16/2016 14:00	COMPLETE		10044947	Archibald Lake - Staff Gauge - Moved
5/12/2017 11:45	COMPLETE		10044038	Archibald Lake - Staff Gage
10/19/2017 10:00	COMPLETE		10044052	Paya Lake - Staff Gage
10/19/2017 11:00	COMPLETE		10044038	Archibald Lake - Staff Gage
5/8/2018 9:53	COMPLETE		10044038	Archibald Lake - Staff Gage
10/16/2018 12:00	COMPLETE		10044038	Archibald Lake - Staff Gage
5/7/2019 11:00	COMPLETE		10044038	Archibald Lake - Staff Gage
10/9/2019 12:30	COMPLETE		10044038	Archibald Lake - Staff Gage
4/30/2020 10:00	COMPLETE		10044038	Archibald Lake - Staff Gage
10/20/2020 11:00	COMPLETE		10044038	Archibald Lake - Staff Gage
5/5/2021 9:00	COMPLETE		10044038	Archibald Lake - Staff Gage

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10/21/2021 11:45	COMPLETE		10044038	Archibald Lake - Staff Gage
5/4/2022 11:00	COMPLETE		10044038	Archibald Lake - Staff Gage
8/1/2022 13:30	COMPLETE		10044038	Archibald Lake - Staff Gage
10/12/2022 12:00	COMPLETE		10044038	Archibald Lake - Staff Gage
5/2/2023 12:30	COMPLETE		10044038	Archibald Lake - Staff Gage
8/23/2023 13:00	COMPLETE		10044038	Archibald Lake - Staff Gage
10/17/2023 11:00	COMPLETE		10044038	Archibald Lake - Staff Gage
5/1/2024 11:00	COMPLETE		10044038	Archibald Lake - Staff Gage

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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