

# Wisconsin Department of Natural Resources

## SWIMS Project Summary

### General Project Information

**Project ID:** LPL166018

**Name:** LAKE REDSTONE PROTECTION DISTRICT: LK Redstone 9-Key Element Planning 3-Phase Project - Phase 1

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 2/15/2018

**End Date:** 12/31/2021

**Purpose:** Lake Redstone Protection District will embark upon a 9-Key-Element (9KE) Plan for Lake Redstone. This will be phase 1 of a 3-phase project. This project has the following elements: a) APM management support for EWM control in specific bays, b) a shoreland habitat survey to prioritize properties for Healthy Lakes; c) monitor water quality; d) complete a trend analysis of lake data 1998 to 2017; complete the 9KE plan, and provide an educational event.

Project final deliverables include: EWM management report with PI data, treatment summary and data analyses; maps, data sheets, photos and description of shoreline assessment results; water quality data collected and analyzed; a report of long-term trend analysis of past water quality; and a complete and final 9KE plan. All raw data collected must be in SWIMs or proper format. Status and final reports are required with financial reimbursement requests.

Specific project activities include: Support for EWM monitoring, planning and management in 2018; Following DNR shoreline survey protocol, the lake shoreline will be monitored to assess priority for Healthy Lakes projects; surface water and water column sampling; a trend analysis will be done on historical lake data; a 9KE plan will be written (in concert with work done under Phase 2 and Phase 3 grants); at least one educational event will be held.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein.

If consultant is to provide a final report, it is recommended that Grantee provide DNR Lakes Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the department in electronic format to the regional Lakes Coordinator along with, or prior to, submission of grantee's final payment request.

**Objective:**

**Comments:** Grantee is LAKE REDSTONE PROTECTION DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
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### Project Statuses

Date	Reported By	Status	Comments
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### Actions

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	<p>Lake Redstone Protection District will embark upon a 9-Key-Element (9KE) Plan for Lake Redstone. This will be phase 1 of a 3-phase project. This project has the following elements: a) APM management support for EWM control in specific bays, b) a shoreland habitat survey to prioritize properties for Healthy Lakes; c) monitor water quality; d) complete a trend analysis of lake data 1998 to 2017; complete the 9KE plan, and provide an educational event.</p> <p>Project final deliverables include: EWM management report with PI data, treatment summary and data analyses; maps, data sheets, photos and description of shoreline assessment results; water quality data collected and analyzed; a report of long-term trend analysis of past water quality; and a complete and final 9KE plan. All raw data collected must be in SWIMs or proper format. Status and final reports are required with financial reimbursement requests.</p>	2/15/2018	12/31/2020	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
573124	Lake Redstone - Deep Hole	
573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)	
573205	Lake Redstone - Near Winnebago Court (Upper Site)	
573129	Lake Redstone - off of Navaho Ct (Lower Site)	
10050905	Redstone Eagle Bay Herbicide Residue Inner Point	
10050903	Redstone Eagle Bay Herbicide Residue Middle Point	
10050906	Redstone Eagle Bay Herbicide Residue Outer Point	
10050907	Redstone Mourning Dove Bay Herbicide Residue Inner Point	
10050908	Redstone Mourning Dove Bay Herbicide Residue Middle Point	
10050909	Redstone Mourning Dove Bay Herbicide Residue Outer Point	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1280200	1	Big Creek	Big Creek
1280400	1	Redstone Lake	Lake Redstone
1280500	1	East Br Big Creek	East Branch Big Creek
1281200	1	West Br Big Creek	West Branch Big Creek

### Lab Account Codes

7/25/2024

# Wisconsin Department of Natural Resources

## SWIMS Project Summary

Account Code		Description			Start Date	End Date
Forms						
Form Code		Form Name				
Methods						
Method Code		Method Description				
Fieldwork Events						
Start Date	Status	Field ID	Station ID	Station Name		
5/14/2018 10:25	COMPLETE	LAKE REDSTONE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)		
5/14/2018 11:17	COMPLETE	LAKE REDSTONE UPPER	573205	Lake Redstone - Near Winnebago Court (Upper Site)		
5/14/2018 11:30	COMPLETE	LAKE REDSTONE LOWER	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
5/14/2018 11:55	COMPLETE	LAKE REDSTONE DEEP	573124	Lake Redstone - Deep Hole		
6/19/2018 12:12	COMPLETE	DEEP HOLE SURFACE	573124	Lake Redstone - Deep Hole		
6/19/2018 12:32	COMPLETE	LOWER SURFACE	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
6/19/2018 12:37	COMPLETE	LOWER SITE 2.5 METER	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
6/19/2018 12:41	COMPLETE	LOWER SITE 4.5 METER	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
6/19/2018 12:52	COMPLETE	LOWER SITE 6.5 METER	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
6/19/2018 12:57	COMPLETE	LOWER SITE 8.5 METER	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
6/19/2018 13:17	COMPLETE	MIDDLE SURFACE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)		
6/19/2018 13:21	COMPLETE	MIDDLE SITE 2.5 METE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)		
6/19/2018 13:23	COMPLETE	MIDDLE SITE 4 METERS	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)		
6/19/2018 13:23	COMPLETE	MIDDLE SITE 5.5 METE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)		
6/19/2018 13:41	COMPLETE	UPPER SURFACE	573205	Lake Redstone - Near Winnebago Court (Upper Site)		
6/19/2018 13:45	COMPLETE	UPPER SITE 2.5 METER	573205	Lake Redstone - Near Winnebago Court (Upper Site)		
6/19/2018 13:52	COMPLETE	UPPER SITE 4 METERS	573205	Lake Redstone - Near Winnebago Court (Upper Site)		
7/16/2018 9:38	COMPLETE	LAKE REDSTONE DEEP H	573124	Lake Redstone - Deep Hole		
7/16/2018 10:11	COMPLETE	LAKE REDSTONE 2.5 ME	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
7/16/2018 10:11	COMPLETE	LAKE REDSTONE 4.5 ME	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
7/16/2018 10:11	COMPLETE	LAKE REDSTONE 6.5 ME	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
7/16/2018 10:11	COMPLETE	LAKE REDSTONE 8.5 ME	573129	Lake Redstone - off of Navaho Ct (Lower Site)		
7/16/2018 10:11	COMPLETE	LAKE REDSTONE SURFAC	573129	Lake Redstone - off of Navaho Ct (Lower Site)		

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7/16/2018 10:55	COMPLETE	MIDDLE SITE SURFACE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/16/2018 11:01	COMPLETE	MIDDLE SITE 2.5 METE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/16/2018 11:01	COMPLETE	MIDDLE SITE 4 METERS	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/16/2018 11:01	COMPLETE	MIDDLE SITE 5.5 METE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/16/2018 11:16	COMPLETE	UPPER SITE 2.5 METER	573205	Lake Redstone - Near Winnebago Court (Upper Site)
7/16/2018 11:16	COMPLETE	UPPER SITE 4 METERS	573205	Lake Redstone - Near Winnebago Court (Upper Site)
7/16/2018 11:16	COMPLETE	UPPER SITE SURFACE	573205	Lake Redstone - Near Winnebago Court (Upper Site)
8/14/2018 9:05	COMPLETE	DEEP HOLE SURFACE	573124	Lake Redstone - Deep Hole
8/14/2018 9:59	COMPLETE	LOWER SITE SURFACE	573129	Lake Redstone - off of Navaho Ct (Lower Site)
8/14/2018 10:21	COMPLETE	MIDDLE SITE SURFACE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
8/14/2018 10:41	COMPLETE	UPPER SITE SURFACE	573205	Lake Redstone - Near Winnebago Court (Upper Site)
9/25/2018 9:00	COMPLETE	NA	573124	Lake Redstone - Deep Hole
9/25/2018 9:33	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)
9/25/2018 9:33	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)
9/25/2018 9:33	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)
9/25/2018 10:01	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/25/2018 10:01	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
9/25/2018 10:01	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
9/25/2018 10:01	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
9/25/2018 10:01	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
9/25/2018 10:25	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/25/2018 10:25	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/25/2018 10:25	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/25/2018 10:25	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
10/24/2018 10:09	COMPLETE	LAKE REDSTONE DEEP H	573124	Lake Redstone - Deep Hole
10/24/2018 10:40	COMPLETE	LAKE REDSTONE UPPER	573205	Lake Redstone - Near Winnebago Court (Upper Site)
10/24/2018 10:56	COMPLETE	LAKE REDSTONE MIDDLE	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
10/24/2018 11:08	COMPLETE	LAKE REDSTONE LOWER	573129	Lake Redstone - off of Navaho Ct (Lower Site)
4/30/2019 10:15	COMPLETE	573129	573129	Lake Redstone - off of Navaho Ct (Lower Site)
4/30/2019 11:00	COMPLETE	573131	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
4/30/2019 11:30	COMPLETE	573205	573205	Lake Redstone - Near Winnebago Court (Upper Site)
5/28/2019 14:23	COMPLETE	573124	573124	Lake Redstone - Deep Hole
5/28/2019 15:04	COMPLETE	573129	573129	Lake Redstone - off of Navaho Ct (Lower Site)

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5/28/2019 15:52	COMPLETE	573205	573205	Lake Redstone - Near Winnebago Court (Upper Site)
5/29/2019 15:25	COMPLETE	573131	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
6/24/2019 8:55	COMPLETE	DEEP HOLE-JUNE 2019	573124	Lake Redstone - Deep Hole
6/24/2019 9:13	COMPLETE	LOWER SITE-JUNE 2019	573129	Lake Redstone - off of Navaho Ct (Lower Site)
6/24/2019 9:43	COMPLETE	UPPER SITE-JUNE 2019	573205	Lake Redstone - Near Winnebago Court (Upper Site)
6/24/2019 12:00	COMPLETE	MIDDLE SITE-JUNE 201	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/22/2019 9:45	COMPLETE	NA	573124	Lake Redstone - Deep Hole
7/22/2019 10:05	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
7/22/2019 10:05	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
7/22/2019 10:18	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/22/2019 10:25	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
7/22/2019 10:32	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)
7/22/2019 10:38	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)
7/22/2019 10:48	COMPLETE	NA	573124	Lake Redstone - Deep Hole
8/27/2019 11:30	COMPLETE	LAKE REDSTONE-DEEP H	573124	Lake Redstone - Deep Hole
8/27/2019 11:30	COMPLETE	LAKE REDSTONE-DEEP H	573124	Lake Redstone - Deep Hole
8/27/2019 12:06	COMPLETE	LAKE REDSTONE-NAVAHO	573129	Lake Redstone - off of Navaho Ct (Lower Site)
8/27/2019 12:17	COMPLETE	LAKE REDSTONE-NAVAHO	573129	Lake Redstone - off of Navaho Ct (Lower Site)
8/27/2019 12:31	COMPLETE	LAKE REDSTONE-MOURNI	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
8/27/2019 12:37	COMPLETE	LAKE REDSTONE-MOURNI	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
8/27/2019 12:49	COMPLETE	LAKE REDSTONE-WINNEB	573205	Lake Redstone - Near Winnebago Court (Upper Site)
8/27/2019 12:56	COMPLETE	LAKE REDSTONE-WINNEB	573205	Lake Redstone - Near Winnebago Court (Upper Site)
9/24/2019 9:40	COMPLETE	NA	573124	Lake Redstone - Deep Hole
9/24/2019 9:58	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/24/2019 10:10	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
9/24/2019 10:28	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)
10/16/2019 12:03	COMPLETE	NA	573124	Lake Redstone - Deep Hole
10/16/2019 12:23	COMPLETE	NA	573129	Lake Redstone - off of Navaho Ct (Lower Site)
10/16/2019 12:36	COMPLETE	NA	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
10/16/2019 12:43	COMPLETE	NA	573205	Lake Redstone - Near Winnebago Court (Upper Site)

### Documents

Wisconsin Department of Natural Resources  
SWIMS Project Summary

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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