

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AEPP54618

Name: LAC VIEUX DESERT LAKE ASSOCIATION, INC: Lac Vieux Desert Lake ASI Plan Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Education

Status: COMPLETE

Start Date: 2/15/2018

End Date: 6/30/2020

Purpose: Lac Vieux Desert Lake Association is sponsoring an grant to study Lac Vieux Desert Lake, in Vilas County. The project will focus on updating a Lake Management Plan (LMP).

Project activities include: 1) Stakeholder participation through planning meetings (2-4); 2) Water quality sampling and analysis; 3) Early season AIS survey, wild rice mapping and mid-late season AIS survey; 4) AIS prevention and education activities; 5) Watershed assessment; 6) Shoreland and Coarse Woody Habitat assessment; 6) Collect and synthesize existing lake data; 7) Aquatic plant surveys (PI survey, community mapping and substrate mapping); 8) Data analysis; 9) Develop LMP.

Project deliverables include: 1) Water chemistry data; 2) Watershed maps and modeling ; 3) data; 4) PI, shoreland and woody habitat data; 5) Aquatic plant community and AIS maps; 6) Aquatic plant vouchers; 7) LMP.

Specific conditions for this project: Draft of LMP needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of LMP, data from PI survey, shoreland assessment, woody habitat assessment, watershed assessment and water quality sampling, all maps from project, all GIS data, and aquatic plant vouchers.

Objective:**Comments:** Grantee is LAC VIEUX DESERT LAKE ASSOCIATION, INC**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

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant AEPP54618 awarded	2/15/2018	6/30/2020	COMPLETE

Monitoring Stations

Station ID	Name	Comments
643206	Lac Vieux Desert - Max Depth	

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Assessment Units

WBIC	Segment	Local Name	Official Name
1631900	1	Lac Vieux Desert	Lac Vieux Desert
1632300	1	Lobischer Creek	Lobischer Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
7/19/2018 10:30	COMPLETE	LVD DEEP HOLE	643206	Lac Vieux Desert - Max Depth
8/29/2018 8:00	COMPLETE	LVD DEEP HOLE	643206	Lac Vieux Desert - Max Depth
9/13/2018 12:36	COMPLETE	LVD DEEP HOLE	643206	Lac Vieux Desert - Max Depth

Documents

Title	Description	Author	Published	Comments
Invasive Plant Priority List, Ottawa National Forest	Invasive Plant Priority List, Ottawa National Forest		7/31/2017	
Lac Vieux Desert eDNA [excel file]	eDNA results	Bill Artwich	9/10/2015	
Lac Vieux Desert, Vilas County, WI & Gogebic County, MI Aquatic Plant Management Update	The purpose of this project is to update data relevant to aquatic plant management, including updates to water quality, aquatic plants, aquatic invasive species (AIS), and their management. Likewise, this plan seeks to meet NR 198.43 requirements, allowing the Lac Vieux Desert Lake Association (LVDLA) to be eligible for further Wisconsin DNR Surface Water Grants. The existing plan will continue to function as the main planning document, while updates would accompany the existing plan as an addendum.	Many Waters, LLC	2/1/2020	

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Lac Vieux Desert, Vilas County, WI & Gogebic County, MI Aquatic Plant Management Update [Appendices]	Appendices. Plant Survey Data, Emergent & Floating Leaf Plant Community Mapping, Phragmites Fact Sheet, AIS Location Maps, Water Quality Data, Watershed Delineation Report, 2012 Implementation Plan	Many Waters, LLC	1/1/2019	
Management of Eurasian Watermilfoil (Myriophyllum spicatum) using Diver Assisted Suction Harvesting Lac Vieux Desert - Vilas County, WI & Gogebic County, MI [2014]	The Lac Vieux Desert Lake Association (LVDLA) solicited the services of Many Waters, LLC to utilize their Diver Assisted Suction Harvesting (DASH) system to manage for Eurasian watermilfoil (EWM) on Lac Vieux Desert (LVD), located approximately four miles east of Land O lakes, WI. DASH is a mechanical process and requires a mechanical harvesting permit (Form 3200-113 (R 3/04)) from the Wisconsin Department of Natural Resources (WDNR). In July of 2014, Many Waters, LLC on the behalf of the LVDLA received a Mechanical Harvesting Permit from the WDNR to use DASH (Permit ID # MNOR-64-14-04, WBIC: 1631900).	Many Waters, LLC	11/28/2014	
Summary of Diver Assisted Suction Harvesting Efforts Lac Vieux Desert, 2016 WDNR Mechanical Harvesting Permit Annual Report	The Lac Vieux Desert Lake Association solicited the services of Many Waters, LLC to use Diver Assisted Suction Harvesting (DASH) to manage for Eurasian watermilfoil (EWM) on Lac Vieux Desert, located in Vilas County Wisconsin and Gogebic County Michigan. DASH is a mechanical process and requires a mechanical harvesting permit (Form 3200-113 (R 3/04)) from the Wisconsin Department of Natural Resources (WDNR). The 2016 Permit ID is NO-2016-64-60M.	Many Waters, LLC	11/26/2016	
Summary of Diver Assisted Suction Harvesting Efforts Lac Vieux Desert, 2017 WDNR Mechanical Harvesting Permit Annual Report	The Lac Vieux Desert Lake Association solicited the services of Many Waters, LLC to use Diver Assisted Suction Harvesting (DASH) to manage for Eurasian watermilfoil (EWM) on Lac Vieux Desert, located in Vilas County Wisconsin and Gogebic County Michigan. DASH is a mechanical process and requires a mechanical harvesting permit (Form 3200-113 (R 3/04)) from the Wisconsin Department of Natural Resources (WDNR). The 2017 Permit ID is NO-2017-64-71M.	Many Waters, LLC	11/27/2017	

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Summary of Diver Assisted Suction Harvesting Efforts Lac Vieux Desert, 2018 WDNR Mechanical Harvesting Permit Annual Report	The Lac Vieux Desert Lake Association solicited the services of Many Waters, LLC to use Diver Assisted Suction Harvesting (DASH) to manage for Eurasian watermilfoil (EWM) on Lac Vieux Desert, located in Vilas County Wisconsin and Gogebic County Michigan. DASH is a mechanical process and requires a mechanical harvesting permit (Form 3200-113 (R 3/04)) from the Wisconsin Department of Natural Resources (WDNR). 2018 WDNR Permit ID number is NO-2018-64-0154M.	Many Waters, LLC	1/1/2018	
Summary of Diver Assisted Suction Harvesting Efforts, Lac Vieux Desert, 2015 WDNR Mechanical Harvesting Permit Annual Report	The Lac Vieux Desert Lake Association solicited the services of Many Waters, LLC to use Diver Assisted Suction Harvesting (DASH) to manage for Eurasian watermilfoil (EWM) on Lac Vieux Desert, located in Vilas County Wisconsin and Gogebic County Michigan. DASH is a mechanical process and requires a mechanical harvesting permit (Form 3200-113 (R 3/04)) from the Wisconsin Department of Natural Resources (WDNR). The 2015 Permit ID is NO-2015-64-90M.	Many Waters, LLC	11/30/2015	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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