

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI19517

Name: WAUPACA CHAIN O'LAKES PUBLIC INLAND LAKE P&R: Waupaca Chain O' Lakes AIS Control & Prevention Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: ACTIVE

Start Date: 4/15/2017

End Date: 12/31/2024

Purpose: The Waupaca Chain of Lakes P & R District is sponsoring an AIS control grant with a project timeline of three years. The goal of the project is to reduce, to the maximum extent possible, hybrid EWM populations within the chain system.

This project will follow recommendations in the management plan to successfully control H-EWM levels with the following actions:

1. Conduct an iterative 3 year herbicide field trial program.
2. Conduct hydrologic residence time studies on lakes where this is unknown.
3. Residual herbicide concentration monitoring on whole lake treatments.
4. Full point-intercept plant surveys pre and post-treatment
5. Complete required Clean Boats / Clean Waters program
6. Prepare and distribute management update reports, to DNR lake Coordinator & stakeholders, as outlined in grant application.
7. Final Management Report to quantify results, make future recommendations

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 lake coordinator. Volunteer lists, equipment use lists and signatures shall be maintained for reporting in kind volunteer labor and equipment.

Final plan needs Department review and approval.

Objective:

Comments: Grantee is WAUPACA CHAIN O'LAKES PUBLIC INLAND LAKE P&R

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
McFarland, Dan	TEAM_MEMBER	ACTIVE	10/31/2017			
Waupaca Chain O'Lakes Protecti	TEAM_MEMBER	ACTIVE	5/10/2017		Waupaca Chain O'Lakes Protection and Rehab Dist	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
APM Chemical Permit Request	Chemical Permit Details	4/14/2017	4/21/2017	APPROVED

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Details: Parameter	Value/Amount	Units	Comments
APM Plan	N		
Algae	N		
Algimycin PWF Algaecide / Cyanobacteriocide	N		
Alligare Argos Algaecide and Herbicide	N		
Alligare Diquat Herbicide Landscape and Aquatic Herbicide	N		
Aqua Star	N		
AquaPro Herbicide	N		
AquaShade Aquatic Plant Growth Control	N		
AquaStrike	N		
Aquaneat Aquatic Herbicide	N		
Aquashadow Black Pond Colorant	N		
Aquathol K Aquatic Herbicide	N		
Aquathol Super K Granular Aquatic Herbicide	N		
Avast! SC Aquatic Herbicide	N		
Business Location License	N/A		
CO-Date_Received	4/14/2017		
CONTROL_INVASIVES	N		
CONTROL_OTHER	N		
Captain Liquid Copper Algaecide	N		
Captain XTR Liquid Copper Algaecide	N		
Category 5 Certification Number	N/A		
Chemical Permit ID	4421		
Chemicals - Approved	Alligare, DMA4, Aquathol K		
Chemicals Permitted Previous Year	N/A		
Chinook	N		
Clearcast (general)	N		
Clearigate	N		
Clipper Herbicide	N		
Clipper SC Aquatic Herbicide	N		
Common reed (Phragmites australis)	N		
Common waterweed (Elodea canadensis)	N		
Common/Glossy Buckthorn	N		
Control - Algae	N		

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Details: Parameter	Value/Amount	Units	Comments
Control - Emergent water plants	N		
Control - Floating water plants	N		
Control - Submerged water plants	Y		
Coontail (<i>Ceratophyllum demersum</i>)	N		
Curly-leaf pondweed (<i>Potamogeton crispus</i>)	Y		
Current	N		
Cutrine-Plus Algaecide and Herbicide	N		
Cutrine-Plus Granular Algaecide	N		
Cutrine-Ultra Algaecide / Herbicide / cyanobactericide	N		
DMA 4 IVM Herbicide	N		
Earthtec Algaecide / Bactericide	N		
Element 3A Herbicide	N		
Estimated Acres	34.9		
Eurasian water-milfoil (<i>Myriophyllum spicatum</i>)	N		
Expiration Date	10/1/2017		
Fee	895		
Field - # days	2		
Field Issued By	Chris_Kolasinski		
Flowering Rush	N		
Flumioxazin 51% WDG - NonCrop	N		
Formula F-30 Algae Control	N		
Garlon 3A Herbicide	N		
Green Clean (general)	N		
Habitat (general)	N		
Harpoon (general)	N		
Harvester Landscape and Aquatic Herbicide	N		
Havoc Amine	N		
Hybrid Cattail	N		
Hybrid Watermilfoil	N		
Hydrothol 191 Aquatic Algicide and Herbicide	N		
Hydrothol Granular Aquatic Algaecide and Herbicide	N		
Improvement - swimming	N		
Japanese Knotweed	N		

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Details: Parameter	Value/Amount	Units	Comments
K-Tea Aquatic Algaecide	N		
Komeen Aquatic Herbicide	N		
Komeen Crystal Aquatic Herbicide	N		
Lake Surface Area	0		
Large Duckweed (Spirodela polyrhiza)	N		
Large Scale Treatment Form	N		
Maintain - Other Text	Hybrid Water Milfoil		
Maintain navigational channel	N		
Maintain private access - boating	N		
Maintain private access - fishing	N		
Milestone Herbicide	N		
More than 1 Property Owner	N/A		
NUISANCE_CAUSED_OTHER	Y		
Naiad	N		
Narrow-Leaf Cattail	N		
Nautique Aquatic Herbicide	N		
Navigate	N		
Navitrol DPF Aquatic Herbicide	N		
Navitrol Landscape and Aquatic Herbicide	N		
Nutri-Sorb	N		
Orb-3 (general)	N		
Overflow Controlled	N/A		
PLSS_DIRECTION	N/A		
PLSS_RANGE	N/A		
PLSS_SECTION	N/A		
PLSS_TOWNSHIP	N/A		
Payment Number	526		
Permit County	Waupaca		
Permit End Year	2017		
Permit Latitude	0		
Permit Longitude	0		
Permit PLSS Section	N/A		
Permit Start Year	2017		
Permit WBIC	264700, 264800, 265700		
Permit Year	2017		
Phycomycin SCP Algaecide and Oxidizer	N		
Polaris	N		
Polaris AC	N		

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Details: Parameter	Value/Amount	Units	Comments
Pond-Klear	N		
Pondweeds	N		
Private Pond	N		
ProcellaCOR EC	N		
Purple loosestrife (Lythrum salicaria)	N		
Reed Canary Grass	N		
Reed Manna Grass	N		
Refuge Herbicide	N		
Renovate 3	N		
Renovate LZR Aquatic Herbicide	N		
Renovate LZR Max Aquatic Herbicide	N		
Renovate Max G Aquatic Herbicide	N		
Renovate OTF Aquatic Herbicide	N		
Reward Landscape and Aquatic Herbicide	N		
Rodeo Herbicide	N		
Roundup Custom for Aquatic & Terrestrial Use	N		
SCI-62 Algicide / Bactericide	N		
Sculpin G Aquatic Herbicide	N		
SeClear (general)	N		
SeClear G Algaecide and Water Quality Enhancer	N		
Sensitive Area	N		
Shoreklear-Plus Aquatic Herbicide	N		
Shredder Amine 4	N		
Sonar A.S.	N		
Sonar Genesis Aquatic Herbicide	N		
Sonar H4C Aquatic Herbicide	N		
Sonar PR Precision Release	N		
Sonar Q Aquatic Herbicide	N		
Sonar RTU Aquatic Weed Herbicide	N		
Sonar SRP Aquatic Herbicide	N		
SonarOne Aquatic Herbicide	N		
Starry Stonewort	N		
Stingray Aquatic Herbicide	N		
Surface Water Discharge	N/A		
Symmetry NXG	N		

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Details: Parameter	Value/Amount	Units	Comments		
TREATMENT_AREA	Waupaca Chain of Lakes				
Touchdown Pro	N				
Treatment Area Greater Than 5%	N/A				
Treatment Date	N				
Treatment Date	N				
Tribune Herbicide	N				
WPDES Coverage	N/A				
Waterbody Type	LAKE				
Waterbody have Public Access	N/A				
Weedar 64 Broadleaf Herbicide	N				
Weedestroy AM-40 Amine Salt - Selective Weed Killer	N				
Wind Direction	N/A				
Yellow Floating Heart	N				
Yellow Iris	N				
Grant Awarded	Grant ACEI19517 awarded		4/15/2017	6/30/2020	COMPLETE
APM Chemical Treatment Record	Chemical treatment details		5/23/2017	5/23/2017	COMPLETE
Details: Parameter	Value/Amount	Units	Comments		
Air Temperature	60				
Air Temperature Units	F				
Aqua-Pro Acres	0				
Aqua-Pro Gallons	0				
Aquaneat Acres	0				
Aquaneat Gallons	0				
Aquashade Acres	0				
Aquashade Pounds	0				
Aquastar Acres	0				
Aquastar Gallons	0				
Aquathol Acres	0				
Aquathol Gallons	0				
Aquathol K Acres	0				
Aquathol K Gallons	60.3				
Aquathol Super K, # Acres	0				
Aquathol Super K, # Pounds	0				
Aquathol, # Acres Gallons	9				
Aquathol, # Pounds	0				
Avast Acres	0				
Avast Gallons	0				
Captain XTR, # Acres	0				
Captain XTR, # Gallons	0				

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Details: Parameter	Value/Amount	Units	Comments
Clearcast Acres	0		
Clearcast Gallons	0		
Cleargate Acres	0		
Cleargate Gallons	0		
Common waterweed (Elodea canadensis)	SP		
Contains Herbicide totals	Y		
Coontail (Ceratophyllum demersum)	SP		
Copper Acres	0		
Copper Liquid, # Acres	0		
Copper Liquid, # Gallons	0		
Copper Pounds	0		
Curly-leaf pondweed (Potamogeton crispus)	SP		
Cutrine Acres	0		
Cutrine Liquid Acres	0		
Cutrine Liquid Gallons	0		
Cutrine Plus Acres	0		
Cutrine Plus Liquid Acres	0		
Cutrine Plus Liquid Gallons	0		
Cutrine Plus Pounds	0		
Cutrine Pounds	0		
Cutrine Ultra Acres	0		
Cutrine Ultra Gallons	0		
DMA 4 IVM Acres	0		
DMA 4 IVM Gallons	0		
Diquat Acres	0		
Diquat Gallons	0		
Diquat Liquid Acres	0		
Diquat Pounds	0		
Duration of Chemical Residualts	21 days		
Endotholl Acres	0		
Endotholl Liquid Acres	0		
Endotholl Liquid Gallons	0		
Endotholl Pounds	0		
Eurasian water-milfoil (Myriophyllum spicatum)	TS		
Flat-stem pondweed (Potamogeton zosteriformis)	SP		
Floridone Acres	0		
Floridone Gallons	0		
Glyphosate Acres	0		

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Details: Parameter	Value/Amount	Units	Comments
Glyphosate Gallons	0		
Glyphosate Liquid Acres	0		
Glyphosate Pounds	0		
Green Clean Acres	0		
Green Clean Gallons	0		
H2O2 Acres	0		
H2O2 Pounds	0		
Habitat Acres	0		
Habitat Gallons	0		
Harvester Acres	0		
Harvester Gallons	0		
Herbicide Treatment and Water Y Use Restriction Signs Posted in Accordance with NR 107?			
Hydrothol Acres	0		
Hydrothol Gallons	0		
Illinois pondweed (Potamogeton illinoensis)	SP		
Imazapyr Acres	0		
Imazapyr Gallons	0		
Muskgrasses (Chara)	SP		
Nautique Acres	0		
Nautique Gallons	0		
Navigate Acres	0		
Navigate, # Pounds	0		
Onsite Supervision	No		
Permit County	Waupaca		
Permit Year	2017		
Person Completing Form	James Scharl		
Phycomycin Acres	0		
Phycomycin Pounds	0		
Polaris Acres	0		
Polaris Gallons	0		
Refuge Acres	0		
Refuge Gallons	0		
Reward Acres	0		
Reward Gallons	0		
Reward Liquid Acres	0		
Reward Pounds	0		
Rodeo Acres	0		
Rodeo Gallons	0		
SCI-62 Acres	0		

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Details: Parameter	Value/Amount	Units	Comments
SCI-62 Gallons	0		
Sculpin G Acres	0		
Sculpin G Pounds	0		
SeClear Acres	0		
SeClear Gallons	0		
ShoreKlear Acres	0		
ShoreKlear Gallons	0		
Sogo pondweed (Stuckenia pectinata)	SP		
Sonar AS Gallons	0		
Sonar AS Acres	0		
Touchdown Pro Acres	0		
Touchdown Pro Gallons	0		
Treatment Date	5/23/2017		
Treatment End Time	15:15		
Treatment Start Time	8:45		
Tribune Acres	4.4		
Tribune Gallons	7.65		
Vectobac Acres	0		
Vectobac Gallons	0		
Water Temperature	60		
Water Temperature Units	F		
Water Use Restriction - Animal Water	N		
Water Use Restriction - Crop Irrigation	N		
Water Use Restriction - Drinking Water	N		
Water Use Restriction - Fish Consumption	N		
Water Use Restriction - None	N		
Water Use Restriction - Other Irrigation	N		
Water Use Restriction - Swimming	N		
White water lily (Nymphaea odorata)	SP		
Wind Direction	NE		
Wind Speed	5		

APM Chemical Permit Request	Chemical permit details	4/19/2019	4/19/2019	APPROVED
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Details: Parameter	Value/Amount	Units	Comments
APM Plan	Y		
Alternative - Drawdown	N		
Alternative - Dredging	N		

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Details: Parameter	Value/Amount	Units	Comments
Alternative - Manual Removal	N		
Alternative - Mechanical Harvesting	N		
Alternative - Nutrient Controls	N		
Alternative - Other	N		
Alternative - Sediment Screens	N		
Alternative - Why Not Drawdown	No ability to drawdown		
Alternative - Why Not Dredging	Too costly, other ecological system damage		
Alternative - Why Not Manual	Too large an area		
Alternative - Why Not Mechanical	Spreads plant debris		
Alternative - Why Not Nutrient Control	Not a control option for immediate concern		
Alternative - Why Not Other	Not a control option for immediate concern		
Alternative - Why Not Sediment Screens	Other potential ecological system damage		
Broad-leaved cattail (<i>Typha latifolia</i>)	N		
Business Location License	93-015182-012226		
CO - # days	0		
CO - Date Sent	04/19/2019		
CONTROL_INVASIVES	Y		
CONTROL_OTHER	N		
Category 5 Certification Number	077803, 104226		
Chemical Permit ID	0		
Chemicals - Approved	Tribune, Aquastrike, & Captain- See attached map		
Chemicals Permitted Previous Year	Some		
Common arrowhead (<i>Sagittaria latifolia</i>)	N		
Common reed (<i>Phragmites australis</i>)	N		
Common waterweed (<i>Elodea canadensis</i>)	N		
Control - Algae	N		
Control - Emergent water plants	N		
Control - Floating water plants	N		
Control - Submerged water plants	Y		
Coontail (<i>Ceratophyllum demersum</i>)	N		

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Details: Parameter	Value/Amount	Units	Comments
Curly-leaf pondweed (Potamogeton crispus)	N		
Estimated Acres	17.7048898071625		
Eurasian water-milfoil (Myriophyllum spicatum)	N		
Fee	470		
Field - # days	13		
Field - Date Issued	05/08/2019		
Field - Date Received	04/19/2019		
Field Issued By	Ted_Johnson		
Filamentous Algae	N		
Improvement - swimming	N		
Lake Surface Area	725		
Large Duckweed (Spirodela polyrhiza)	N		
Large-leaf pondweed (Potamogeton amplifolius)	N		
Maintain navigational channel	N		
Maintain private access - boating	N		
Maintain private access - fishing	N		
Method of Application	WLPR's liquid sub-surface injection system		
More than 1 Property Owner	Y		
Muskgrasses (Chara)	N		
NUISANCE_CAUSED_OTHER	N		
Native Plants	N		
Other Plants	Hybrid- Water Milfoil		
Overflow Controlled	N		
PLSS_DIRECTION	E		
PLSS_RANGE	11		
PLSS_SECTION	04		
PLSS_TOWNSHIP	21		
Payment Number	WP-00018034		
Permit County	Waupaca		
Permit End Year	2019		
Permit Latitude	44.340283		
Permit Longitude	-89.151814		
Permit PLSS Section	0421N11E		
Permit Start Year	2019		
Permit WBIC	262400, 265100, 265200, 265300, 265500, 265400, 265700		
Pithophora	N		

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Details: Parameter	Value/Amount	Units	Comments
Planktonic Algae	N		
Private Pond	N		
Purple loosestrife (Lythrum salicaria)	N		
SP_Document_ID	YTHQS767HR6T-42-519617		
Sensitive Area	N		
SharePoint_Number	AP-IP-NE-2019-69-X04-19T10-08-25		
Softstem bulrush (Schoenoplectus tabernaemontani)	N		
Sogo pondweed (Stuckenia pectinata)	N		
Surface Water Discharge	Y		
TREATMENT_AREA	Waupaca Chain O' Lakes		
Treatment Area Greater Than 5%	N		
WPDES Coverage	N		
Waterbody Type	Lake		
Waterbody have Public Access	Y		
Wind Direction	077803, 104226		

APM Chemical Treatment Record		8/27/2019	COMPLETE
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Details: Parameter	Value/Amount	Units	Comments
Air Temperature	76		
Air Temperature Units	F		
CHARA_SITE	all		
Contains Herbicide totals	Y		
Control Comments	Used permit map to label each site with lake name (EAH)		
Duration of Chemical Residualts	3 days		
EURASIAN_WATERMILFOIL_SITE	all		
Eurasian water-milfoil (Myriophyllum spicatum)	TS		
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?	Y		
Muskgrasses (Chara)	SP		
Onsite Supervision	No		
Permit County	Waupaca		
Permit Year	2019		
Person Completing Form	James Scharl		
SP_Document_ID	YTHQS767HR6T-42-538681		
SharePoint_Number	AP-IP-NE-2019-69-X06-04T08-05-12		

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Details: Parameter	Value/Amount	Units	Comments
Treatment Date	05/30/2019		
Treatment End Time	15:15:00		
Treatment Start Time	08:45:00		
Water Temperature	63		
Water Temperature Units	F		
Water Use Restriction - Animal Water	N		
Water Use Restriction - Crop Irrigation	N		
Water Use Restriction - Drinking Water	N		
Water Use Restriction - Fish Consumption	N		
Water Use Restriction - None	N		
Water Use Restriction - Other Irrigation	N		
Water Use Restriction - Swimming	N		
Wind Direction	W		
Wind Speed	calm		

Monitoring Stations

Station ID	Name	Comments
693104	Bass Lake - Waupaca Co - Deep Hole	
10051052	Beasley Lake - North End of Lake	
693106	Beasley Lake - Waupaca Co - Deep Hole	
693093	Dake Lake - Deep Hole- Waupaca Co	
10047822	Dake Lake - South Basin	
693197	Long Lake (Chain O'Lakes) - Deep Hole	
10047824	Long Lake - Mouth of East Basin	
10051053	Long Lake - North End of Lake	
10047825	Long Lake - South End of Lake	
693094	Miner Lake - Deep Hole - Waupaca Co	
10056342	Miner Lake - M-1	
10056343	Miner Lake - M-2	
10047821	Miner Lake - Mouth of North Basin	
693087	Otter Lake - Deep Hole - Waupaca Co	
10047823	Otter Lake - North End of Lake	
10056340	Otter Lake - O-1	
10056341	Otter Lake - O-2	

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693101	Youngs Lake Waupaca Co - Deep Hole	
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Assessment Units

WBIC	Segment	Local Name	Official Name
258200	2	Crystal River	Crystal River
261200	1	Long Lake	Long Lake
262300	1	Beasley Lake	Beasley Lake
262400	1	Cary Millpond	Columbia Lake
262600	1	Orlando Lake	Lake Orlando
262700	1	Knight Lake	Knight Lake
262800	1	Manomin Lake	Manomin Lake
262900	1	Pope Lake	Pope Lake
263000	1	Hartman Creek	Hartman Creek
264100	1	Marl Lake	Marl Lake
264300	1	Youngs Lake	Youngs Lake
264400	1	Unnamed Stream	Unnamed
264700	1	Dake Lake (Chain)	Dake Lake
264800	1	Miner Lake	Miner Lake
264900	1	Limekiln Lake	Limekiln Lake
265000	1	Rainbow Lake	Round Lake
265100	1	Mccrossen Lake	McCrossen Lake
265200	1	Nessling Lake	Nessling Lake
265300	1	Rainbow Lake (Chain)	Rainbow Lake
265400	1	George Lake	George Lake
265500	1	Sunset Lake	Sunset Lake
265600	1	Taylor Lake	Taylor Lake
265700	1	Otter Lake	Otter Lake
5551281	2	Bass Lake	Bass Lake

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

7/5/2024

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Start Date	Status	Field ID	Station ID	Station Name
5/24/2017 12:30	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
5/24/2017 12:45	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
5/24/2017 13:00	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
5/24/2017 13:55	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
5/24/2017 14:00	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
5/26/2017 9:30	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
5/26/2017 10:00	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
5/26/2017 10:20	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
5/26/2017 11:00	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
5/26/2017 11:37	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
5/26/2017 13:37	COMPLETE		10047823	Otter Lake - North End of Lake
5/28/2017 13:37	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
5/28/2017 13:37	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
5/28/2017 15:40	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
5/28/2017 16:04	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
5/28/2017 16:04	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
5/30/2017 10:25	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
5/30/2017 10:40	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
5/30/2017 11:15	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
5/30/2017 11:30	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
5/30/2017 11:40	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
6/6/2017 12:20	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
6/6/2017 12:49	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
6/6/2017 13:05	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
6/6/2017 14:02	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
6/6/2017 14:21	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
6/6/2017 14:41	COMPLETE		10047823	Otter Lake - North End of Lake
6/15/2017 11:00	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
6/15/2017 11:25	COMPLETE		693094	Miner Lake - Deep Hole - Waupaca Co
6/15/2017 11:35	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
6/15/2017 11:35	COMPLETE	WM2-D	693094	Miner Lake - Deep Hole - Waupaca Co
6/15/2017 12:30	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
6/15/2017 12:50	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
6/21/2017 8:43	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co

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6/21/2017 8:55	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
6/21/2017 9:15	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
6/21/2017 9:58	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
6/21/2017 10:10	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
6/29/2017 12:30	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
6/29/2017 12:40	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
6/29/2017 13:00	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
6/29/2017 13:35	COMPLETE	WO2	693087	Otter Lake - Deep Hole - Waupaca Co
6/29/2017 13:47	COMPLETE	WO1	10047823	Otter Lake - North End of Lake
8/11/2017 9:35	COMPLETE	WD1	693093	Dake Lake - Deep Hole- Waupaca Co
8/11/2017 9:48	COMPLETE	WM2	693094	Miner Lake - Deep Hole - Waupaca Co
8/11/2017 10:04	COMPLETE	WM1	10047821	Miner Lake - Mouth of North Basin
6/1/2018 8:20	COMPLETE	693197_1DAT	693197	Long Lake (Chain O'Lakes) - Deep Hole
6/1/2018 8:31	COMPLETE	10051053_1DAT	10051053	Long Lake - North End of Lake
6/1/2018 8:45	COMPLETE	693106_1DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/1/2018 9:01	COMPLETE	10051052_1DAT	10051052	Beasley Lake - North End of Lake
6/1/2018 9:10	COMPLETE	693104_1DAT	693104	Bass Lake - Waupaca Co - Deep Hole
6/3/2018 12:30	COMPLETE	693104_3 DAT	693104	Bass Lake - Waupaca Co - Deep Hole
6/3/2018 12:40	COMPLETE	693106_3 DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/3/2018 12:45	COMPLETE	10051052_3 DAT	10051052	Beasley Lake - North End of Lake
6/3/2018 12:45	COMPLETE	693106 DEEP_3 DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/3/2018 13:00	COMPLETE	10051053_3 DAT	10051053	Long Lake - North End of Lake
6/3/2018 13:00	COMPLETE	693197_3 DAT	693197	Long Lake (Chain O'Lakes) - Deep Hole
6/5/2018 8:20	COMPLETE	693106_5DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/5/2018 8:40	COMPLETE	10051052_5DAT	10051052	Beasley Lake - North End of Lake
6/5/2018 9:00	COMPLETE	693104_5DAT	693104	Bass Lake - Waupaca Co - Deep Hole
6/7/2018 9:40	COMPLETE	10051053_7DAT	10051053	Long Lake - North End of Lake
6/7/2018 9:50	COMPLETE	693197_7DAT	693197	Long Lake (Chain O'Lakes) - Deep Hole
6/7/2018 10:00	COMPLETE	693106_7DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/7/2018 10:00	COMPLETE	693106_7DAT DEEP	693106	Beasley Lake - Waupaca Co - Deep Hole
6/7/2018 10:25	COMPLETE	10051052_7DAT	10051052	Beasley Lake - North End of Lake
6/7/2018 10:30	COMPLETE	693104_7DAT	693104	Bass Lake - Waupaca Co - Deep Hole
6/14/2018 12:05	COMPLETE	693106_14DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/14/2018 12:28	COMPLETE	10051052_14DAT	10051052	Beasley Lake - North End of Lake
6/14/2018 12:38	COMPLETE	693104_14DAT	693104	Bass Lake - Waupaca Co - Deep Hole

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6/21/2018 8:55	COMPLETE	10051053_21DAT	10051053	Long Lake - North End of Lake
6/21/2018 9:05	COMPLETE	693197_21DAT	693197	Long Lake (Chain O'Lakes) - Deep Hole
6/21/2018 9:35	COMPLETE	693106_21DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/21/2018 9:35	COMPLETE	693106_21DAT DEEP	693106	Beasley Lake - Waupaca Co - Deep Hole
6/21/2018 9:50	COMPLETE	10051052_21DAT	10051052	Beasley Lake - North End of Lake
6/21/2018 9:50	COMPLETE	639104_21DAT	693104	Bass Lake - Waupaca Co - Deep Hole
6/28/2018 8:10	COMPLETE	693106_28DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
6/28/2018 8:30	COMPLETE	10051052_28DAT	10051052	Beasley Lake - North End of Lake
6/28/2018 8:35	COMPLETE	693104_28DAT	693104	Bass Lake - Waupaca Co - Deep Hole
7/3/2018 7:51	COMPLETE	693106_35DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
7/3/2018 7:51	COMPLETE	693106_35DAT DEEP	693106	Beasley Lake - Waupaca Co - Deep Hole
7/3/2018 8:20	COMPLETE	10051052_35DAT	10051052	Beasley Lake - North End of Lake
7/3/2018 8:30	COMPLETE	639104_35DAT	693104	Bass Lake - Waupaca Co - Deep Hole
7/19/2018 9:40	COMPLETE	693106_49DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
7/19/2018 10:00	COMPLETE	10051052_49DAT	10051052	Beasley Lake - North End of Lake
7/19/2018 10:15	COMPLETE	693104_49DAT	693104	Bass Lake - Waupaca Co - Deep Hole
8/9/2018 9:43	COMPLETE	693106_70DAT	693106	Beasley Lake - Waupaca Co - Deep Hole
8/9/2018 10:03	COMPLETE	10051052_70DAT	10051052	Beasley Lake - North End of Lake
8/9/2018 10:14	COMPLETE	693104_70DAT	693104	Bass Lake - Waupaca Co - Deep Hole
6/24/2022 18:45	COMPLETE	M-1-3-hr	10056342	Miner Lake - M-1
6/24/2022 18:45	COMPLETE	M-2-3-hr	10056343	Miner Lake - M-2
6/24/2022 18:45	COMPLETE	O-1-3-hr	10056340	Otter Lake - O-1
6/24/2022 18:45	COMPLETE	O-2-3-hr	10056341	Otter Lake - O-2
6/24/2022 21:45	COMPLETE	M-1-6-hr	10056342	Miner Lake - M-1
6/24/2022 21:45	COMPLETE	M-2-6-hr	10056343	Miner Lake - M-2
6/24/2022 21:45	COMPLETE	O-1-6-hr	10056340	Otter Lake - O-1
6/24/2022 21:45	COMPLETE	O-2-6-hr	10056341	Otter Lake - O-2
6/25/2022 0:45	COMPLETE	M-1-9-hr	10056342	Miner Lake - M-1
6/25/2022 0:45	COMPLETE	M-2-9-hr	10056343	Miner Lake - M-2
6/25/2022 0:45	COMPLETE	O-1-9-hr	10056340	Otter Lake - O-1
6/25/2022 0:45	COMPLETE	O-2-9-hr	10056341	Otter Lake - O-2
6/25/2022 15:45	COMPLETE	M-1-1 Day	10056342	Miner Lake - M-1
6/25/2022 15:45	COMPLETE	M-2-1 Day	10056343	Miner Lake - M-2
6/25/2022 15:45	COMPLETE	O-1-1 Day	10056340	Otter Lake - O-1
6/25/2022 15:45	COMPLETE	O-2-1 Day	10056341	Otter Lake - O-2

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6/26/2022 15:45	COMPLETE	M-1-2 Day	10056342	Miner Lake - M-1
6/26/2022 15:45	COMPLETE	M-2-2 Day	10056343	Miner Lake - M-2
6/26/2022 15:45	COMPLETE	O-1-2 Day	10056340	Otter Lake - O-1
6/26/2022 15:45	COMPLETE	O-2-2 Day	10056341	Otter Lake - O-2
6/27/2022 15:45	COMPLETE	M-1-3 Day	10056342	Miner Lake - M-1
6/27/2022 15:45	COMPLETE	M-2-3 Day	10056343	Miner Lake - M-2
6/27/2022 15:45	COMPLETE	O-1-3 Day	10056340	Otter Lake - O-1
6/27/2022 15:45	COMPLETE	O-2-3 Day	10056341	Otter Lake - O-2
7/1/2022 15:45	COMPLETE	M-1-7 Day	10056342	Miner Lake - M-1
7/1/2022 15:45	COMPLETE	M-2-7 Day	10056343	Miner Lake - M-2
7/1/2022 15:45	COMPLETE	O-1-7 Day	10056340	Otter Lake - O-1
7/1/2022 15:45	COMPLETE	O-2-7 Day	10056341	Otter Lake - O-2

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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