

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI23419
Name: CHUTE LAKE P & R DISTRICT: Chute Pond EWM Control & Prevention Project 2019-2021
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Control
Status: ACTIVE
Start Date: 04/15/2019
End Date: 06/30/2022
Purpose: The Chute Pond Lake Protection and Rehabilitation District #1 is sponsoring a project for the prevention and control of Eurasian Watermilfoil.

Project final deliverables include: all data collected, agendas and minutes for planning meetings, methodologies, results, and management alternatives discussion.

Specific project activities include: 1) In-Lake herbicide concentration monitoring 2) Whole Lake Point Intercept surveys and Sub-polygon Point Intercept surveys.

Special Conditions: 1) All Whole Lake and Sub-polygon Point Intercept surveys shall be conducted according to WDNR\2019s \2018Recommended Baseline Monitoring of Aquatic Plants in WI\2019 Protocol, publication number PUB-SS-1068 2010

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 Biologist.

If consultant is to provide final report, it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request.

Objective:
Comments: Grantee is CHUTE LAKE P & R DISTRICT
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Chute Lake Protection & Reh	GRANT_RECIP	ACTIVE	05/31/2019		Chute Lake Protection & Rehabilitation District #1	
Nordin, Brenda L	LAKE_BIOLOGI	ACTIVE	07/01/2019		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Grant ACEI23419 awarded	04/15/2019	06/30/2022	COMPLETE

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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request	Chemical permit details	05/01/2019	05/01/2019	IN_PROGRESS
Details:	Parameter	Value/Amount	Units	Comments
	APM Plan	Y		
	Alternative - Drawdown	Y		
	Alternative - Dredging	N		
	Alternative - Manual Removal	N		
	Alternative - Mechanical Harvesting	Y		
	Alternative - Nutrient Controls	N		
	Alternative - Other	N		
	Alternative - Sediment Screens	N		
	Alternative - Why Not Dredging	Too expensive		
	Alternative - Why Not Manual	Areas too large and widespread		
	Alternative - Why Not Nutrient Control	Will not impact AIS		
	Alternative - Why Not Other	Areas too large and widespread		
	Alternative - Why Not Sediment Screens	Areas too large and would prev		
	Broad-leaved cattail (Typha latifolia)	N		
	Business Location License	93-018789-01570		
	CHEMICAL_PERMIT_ID	0		
	CO - # days	1		
	CO - Date Sent	05/01/2019		
	CONTROL_INVASIVES	Y		
	CONTROL_OTHER	N		
	Category 5 Certification Number	90532,89222,94984,CA		
	Chemicals - Approved	DMA 4 IVM, Weedar 64, Aquathol		
	Chemicals Permitted Previous Year	Some		
	Comments	Large Scale Worksheet not att		
	Common arrowhead (Sagittaria latifolia)	N		
	Common reed (Phragmites australis)	N		
	Common waterweed (Elodea canadensis)	N		
	Control - Algae	N		
	Control - Emergent water plants	N		
	Control - Floating water plants	N		
	Control - Submerged water plants	Y		
	Coontail (Ceratophyllum demersum)	N		
	Curly-leaf pondweed (Potamogeton crispus)	N		
	Estimated Acres	36.2981175390267		
	Eurasian water-milfoil (Myriophyllum spicatum)	N		
	Fee	945		

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Field Issued By	Brenda_Nordin			
Filamentous Algae	N			
Improvement - swimming	N			
Lake Surface Area	433			
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	LittLine, littoral zone treatm			
More than 1 Property Owner	Y			
Muskgrasses (Chara)	N			
NUISANCE_CAUSED_OTHER	N			
Native Plants	N			
Other Plants	Eurasian watermilfoil			
Overflow Controlled	N			
Payment Number	WP-00018243			
Permit County	Oconto			
Permit End Year	2019			
Permit Latitude	45.127813			
Permit Longitude	-88.446842			
Permit PLSS Section	3629N16E			
Permit Start Year	2019			
Permit WBIC	462520			
Pithophora	N			
Planktonic Algae	N			
Private Pond	N			
Purple loosestrife (Lythrum salicaria)	N			
SP_Document_ID	YTHQS767HR6T-42-525000			
Sensitive Area	N			
SharePoint_Number	AP-IP-NE-2019-43-X04-30T19-45-			
Softstem bulrush (Schoenoplectus tabernaemontani)	N			
Sogo pondweed (Stuckenia pectinata)	N			
Surface Water Discharge	Y			
TREATMENT_AREA	Chute Pond			
Treatment Area Greater Than 5%	Y			
WPDES Coverage	N			
Waterbody Type	Lake			
Waterbody have Public Access	Y			
Wind Direction	90532,89222,94984,CA Reciproca			

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Monitoring Stations

Station ID	Name	Comments
10047738	Chute Pond - Bonita Bay middle sample site	
10052461	Chute Pond - CP1	
10052462	Chute Pond - CP2	
10047736	Chute Pond Residual Monitoring Site 1	
433366	Chute Pond at Deepest Area	

Assessment Units

WBIC	Segment	Local Name	Official Name
457800	2	North Branch Oconto River	North Branch Oconto River
462520	1	Chute Pond	Chute Pond

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	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/28/2019 14:10	COMPLETE	1HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/28/2019 14:20	COMPLETE	1HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/28/2019 16:10	COMPLETE	3HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/28/2019 16:20	COMPLETE	3HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/28/2019 19:00	COMPLETE	6HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/28/2019 19:10	COMPLETE	6HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/28/2019 22:00	COMPLETE	9HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/28/2019 22:10	COMPLETE	9HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/29/2019 01:05	COMPLETE	12HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/29/2019 01:15	COMPLETE	12HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/29/2019 16:00	COMPLETE	1DAT CP1	10052461	Chute Pond - CP1
05/29/2019 16:10	COMPLETE	1DAT CP3	433366	Chute Pond at Deepest Area
05/29/2019 16:21	COMPLETE	1DAT CP2	10052462	Chute Pond - CP2
05/29/2019 16:35	COMPLETE	1DAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/29/2019 16:42	COMPLETE	1DAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/30/2019 01:05	COMPLETE	36HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/30/2019 01:12	COMPLETE	36HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/30/2019 14:05	COMPLETE	48HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
05/30/2019 14:12	COMPLETE	48HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/31/2019 13:55	COMPLETE	3DAT CP1	10052461	Chute Pond - CP1
05/31/2019 14:05	COMPLETE	3DAT CP3	433366	Chute Pond at Deepest Area
05/31/2019 14:10	COMPLETE	3DAT CP2	10052462	Chute Pond - CP2
05/31/2019 14:20	COMPLETE	3DAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
05/31/2019 14:25	COMPLETE	3DAT CP5	10047736	Chute Pond Residual Monitoring Site 1
06/03/2019 08:50	COMPLETE	120HAT CP1	10052461	Chute Pond - CP1

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Start Date	Status	Field ID	Station ID	Station Name
06/03/2019 09:01	COMPLETE	120HAT CP3	433366	Chute Pond at Deepest Area
06/03/2019 09:06	COMPLETE	120HAT CP2	10052462	Chute Pond - CP2
06/03/2019 09:17	COMPLETE	120HAT CP4	10047738	Chute Pond - Bonita Bay middle sample site
06/03/2019 09:22	COMPLETE	120HAT CP5	10047736	Chute Pond Residual Monitoring Site 1
06/04/2019 08:21	COMPLETE	7DAT CP1	10052461	Chute Pond - CP1
06/04/2019 08:28	COMPLETE	7DAT CP3	433366	Chute Pond at Deepest Area
06/04/2019 08:34	COMPLETE	7DAT CP2	10052462	Chute Pond - CP2
06/07/2019 14:10	COMPLETE	10DAT CP1	10052461	Chute Pond - CP1
06/07/2019 14:16	COMPLETE	10DAT CP3	433366	Chute Pond at Deepest Area
06/07/2019 14:22	COMPLETE	10DAT CP2	10052462	Chute Pond - CP2
06/11/2019 17:43	COMPLETE	14DAT CP1	10052461	Chute Pond - CP1
06/11/2019 17:53	COMPLETE	14DAT CP3	433366	Chute Pond at Deepest Area
06/11/2019 18:01	COMPLETE	14DAT CP2	10052462	Chute Pond - CP2
06/18/2019 18:00	COMPLETE	21DAT CP1	10052461	Chute Pond - CP1
06/18/2019 18:12	COMPLETE	21DAT CP3	433366	Chute Pond at Deepest Area
06/18/2019 18:21	COMPLETE	21DAT CP2	10052462	Chute Pond - CP2

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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