

Wisconsin Department of Natural Resources

SWIMS Project Summary

General Project Information

Project ID: AIRR24219

Name: ONEIDA COUNTY: Oneida County Phragmites Rapid Response Project

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Early Detection and Response

Status: COMPLETE

Start Date: 6/1/2018

End Date: 12/31/2022

Purpose: Oneida County is sponsoring an Early Detection/Response project which will focus on genetic testing, qualitative surveying, and management of the recent discovery of Phragmites in Rhinelander Flowage, Oneida County

Project activities include: 1) coordination of management/control of non-native Phragmites with manual and chemical methods; 3) pre/post management evaluation monitoring; 4) native plant restoration following Phragmites control; and 5) assistance in AIS survey of Rhinelander Flowage.

Project deliverables include: 1) project update including: a) Phragmites genetic information, survey data and maps; b) reports of pre-post stand conditions; c) summary of management/control and restoration activities; 2) final report including maps of all findings, results of management efforts, project highlights, and management recommendations.

Specific conditions for this project: Project update and final reports need Department review and approval. WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of letter reports, all maps, and all GIS data.

Objective:

Comments: Grantee is ONEIDA COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Benz, Isaac	TEAM_MEMBER	INACTIVE	1/1/2019		Oneida County Land and Water Conservation Dept.	
Boismenu, Stephanie	COORDINATOR	COMPLETE	6/1/2018		Oneida County Land & Water Conservation Dept.	
Boisvert, Aubrey	TEAM_MEMBER	COMPLETE	6/1/2018		Oneida County Land & Water Conservation Department	
Cook, Rachel	TEAM_MEMBER	INACTIVE	6/4/2020		Oneida County Land and Water Conservation Dept	
DUFFY, CLAUDIA M	TEAM_MEMBER	COMPLETE	8/13/2019	8/29/2020	Wisconsin DNR	
Hetland, Madeline	TEAM_MEMBER	ACTIVE	1/1/2022		Oneida County Land & Water Conservation Department	
Mosel, Kyle J	TEAM_MEMBER	INACTIVE	7/2/2019	2/23/2023	WISCONSIN DNR	
Oneida County,	GRANT_RECIPIENT	ACTIVE	6/1/2018		Oneida County	

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Partin, Jody	TEAM_MEMBER	ACTIVE	6/1/2018		Oneida County Land & Water Conservation Department	
Radtko, Lauren	TEAM_MEMBER	INACTIVE	1/1/2019		Oneida County	
Van Egeren, Scott J	LAKE_BIOLOGIST	ACTIVE	7/1/2019		Wisconsin DNR	
WIRT, ALAN W	TEAM_MEMBER	ACTIVE	7/2/2019		Wisconsin DNR	

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	5/3/2018	5/9/2018	APPROVED

Details: Parameter	Value/Amount	Units	Comments
Broad-leaved cattail (Typha latifolia)	N		
Business Location License	N/A		
CO - # days	4		
CO - 15 days	Y		
CO – Date Sent	5/9/2018		
CO-Date_Received	5/3/2018		
CONTROL_OTHER	N		
Category 5 Certification Number	N/A		
Chemical Permit ID	6383		
Chemicals - Approved	N/A		
Comments	N/A		
Common arrowhead (Sagittaria latifolia)	N		
Common reed (Phragmites australis)	N		
Common waterweed (Elodea canadensis)	N		
Control - Algae	N		
Control - Emergent water plants	Y		
Control - Floating water plants	N		
Control - Nuisance algae	N		
Control - PL	N		
Control - Submerged water plants	N		
Coontail (Ceratophyllum demersum)	N		
Curly-leaf pondweed (Potamogeton crispus)	N		
Entered in SharePoint	Y		

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Details: Parameter	Value/Amount	Units	Comments
Estimated Acres	30		
Eurasian water-milfoil (Myriophyllum spicatum)	N		
Fee	770		
Field - # days	Y		
Field Issued By	Mary_Gansberg		
Filamentous Algae	N		
Improvement - swimming	N		
Lake Surface Area			
Large Duckweed (Spirodela polyrhiza)	N		
Large Scale Treatment Form	N		
Large-leaf pondweed (Potamogeton amplifolius)	N		
Maintain navigational channel	N		
Maintain private access - boating	N		
Maintain private access - fishing	N		
Muskgrasses (Chara)	N		
NUISANCE_CAUSED_OTHER	N		
Native Plants	N		
Next Steps	Mary Gansberg		
Other Plants	Phragmites australis, Phalaris arundinacea, Lythrum salicaria, Typha spp		
PLSS_DIRECTION	E		
PLSS_RANGE	19		
PLSS_SECTION	15		
PLSS_TOWNSHIP	24		
Payment Number	122568		
Permit County	Outagamie		
Permit End Year	2018		
Permit Latitude	44.557244		
Permit Longitude	-88.187553		
Permit PLSS Section	15 24N 19E		
Permit Start Year	2018		
Permit WBIC	N/A		
Pithophora	N		
Planktonic Algae	N		
Private Pond	N		
Purple loosestrife (Lythrum salicaria)	N		
SharePoint Submittal	N		

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Details: Parameter		Value/Amount	Units	Comments	
	Softstem bulrush (Schoenoplectus tabernaemontani)	N			
	Sogo pondweed (Stuckenia pectinata)	N			
	TREATMENT_AREA	Oneida Mitigation			
	Treatment Date	N			
	Treatment Date	N			
	Treatment Record - Received	N			
	Treatment Record - Scanned	N			
	Waterbody Type	WETLAND			
Grant Awarded	Grant AIRR24219 awarded	6/1/2018	6/30/2020	COMPLETE	
APM Chemical Treatment Record	Chemical treatment details	8/16/2018	8/16/2018	COMPLETE	
Details: Parameter		Value/Amount	Units	Comments	
	24D Granular, # Acres	0			
	24D Granular, # Pounds	0			
	24D Liquid, # Acres	0			
	24D Liquid, # Pounds	0			
	Air Temperature	76			
	Air Temperature Units	F			
	Aqua-Pro Acres	0			
	Aqua-Pro Gallons	0			
	Aquaneat Acres	1.25			
	Aquaneat Gallons	0.0117			
	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	0			
	Aquathol Super K, # Acres	0			
	Aquathol Super K, # Pounds	0			
	Aquathol, # Acres Gallons	0			
	Aquathol, # Pounds	0			
	Avast Acres	0			
	Avast Gallons	0			
	Broad-leaved cattail (Typha latifolia)	TS			
	Captain XTR, # Acres	0			
	Captain XTR, # Gallons	0			

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Details: Parameter	Value/Amount	Units	Comments
Clearcast Acres	0		
Clearcast Gallons	0		
Clearigate Acres	0		
Clearigate Gallons	0		
Common reed (Phragmites australis)	TS		
Contains Herbicide totals	Y		
Control Comments	N/A		
Copper Acres	0		
Copper Liquid, # Acres	0		
Copper Liquid, # Gallons	0		
Copper Pounds	0		
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		
Did Treatments Occur	Y		
Diquat Acres	0		
Diquat Gallons	0		
Diquat Liquid Acres	0		
Diquat Pounds	0		
Endotholl Acres	0		
Endotholl Liquid Acres	0		
Endotholl Liquid Gallons	0		
Endotholl Pounds	0		
Floridone Acres	0		
Floridone Gallons	0		
Glyphosate Acres	0		
Glyphosate Gallons	0		
Glyphosate Liquid Acres	0		
Glyphosate Pounds	0		
Green Clean Acres	0		
Green Clean Gallons	0		

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Details: Parameter	Value/Amount	Units	Comments
H2O2 Acres	0		
H2O2 Pounds	0		
Habitat Acres	0		
Habitat Gallons	0		
Harvester Acres	0		
Harvester Gallons	0		
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?	Y		
Hydrothol Acres	0		
Hydrothol Gallons	0		
Imazapyr Acres	0		
Imazapyr Gallons	0		
Nautique Acres	0		
Nautique Gallons	0		
Navigate Acres	0		
Navigate, # Pounds	0		
Permit County	Brown		
Permit Year	2018		
Person Completing Form	Nick Kintopf		
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		
SCI-62 Gallons	0		
Sculpin G Acres	0		
Sculpin G Pounds	0		
SeClear Acres	0		
SeClear Gallons	0		
ShoreKlear Acres	0		
ShoreKlear Gallons	0		
Sonar AS Gallons	0		

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Details: Parameter	Value/Amount	Units	Comments
Sonor AS Acres	0		
Touchdown Pro Acres	0		
Touchdown Pro Gallons	0		
Treatment Date	8/16/2018		
Treatment End Time	15:00		
Treatment Start Time	8:00		
Tribune Acres	0		
Tribune Gallons	0		
Vectobac Acres	0		
Vectobac Gallons	0		
Water Temperature	N/A		
Wind Speed	8		
APM Chemical Treatment Record		1/28/2019	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
Air Temperature	75		
Air Temperature Units	F		
Aquaneat Gallons	.5156		
Broad-leaved cattail (Typha latifolia)	TS		
Contains Herbicide totals	Y		
Did Treatments Occur	Y		
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?	Y		
Permit County	Outagamie		
Permit Year	2018		
Person Completing Form	Nick Kintopf		
Treatment Date	9/12/2018		
Treatment End Time	16:00		
Treatment Start Time	8:00		
Water Temperature Units	F		
Wind Direction	S		
Wind Speed	9		

APM Chemical Permit Request	Chemical permit details	6/10/2019	6/10/2019	APPROVED
Details: Parameter	Value/Amount	Units	Comments	
APM Plan	N			
Agristar_2_4_D	N			
Algae	N			
Algimycin PWF Algaecide / Cyanobactericide	N			
Alligare Argos Algaecide and Herbicide	N			

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Details: Parameter	Value/Amount	Units	Comments
Alligare Diquat Herbicide Landscape and Aquatic Herbicide	N		
Alligare_2_4_D	N		
Alligare_Ecomazapyr	N		
Alligare_Glyphosate	N		
Alternative - Drawdown	N		
Alternative - Dredging	N		
Alternative - Manual Removal	Y		
Alternative - Mechanical Harvesting	N		
Alternative - Nutrient Controls	N		
Alternative - Sediment Screens	N		
Alternative - Why Not Drawdown	N/A		
Alternative - Why Not Dredging	N/A		
Alternative - Why Not Mechanical	May mow to stress plants		
Alternative - Why Not Nutrient Control	N/A		
Alternative - Why Not Sediment Screens	N/A		
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	93-021156-018242		
CO - # days	2		
CO – Date Sent	06/10/2019		
CONTROL_INVASIVES	Y		
CONTROL_OTHER	N		
Captain Liquid Copper Algaecide	N		
Captain XTR Liquid Copper Algaecide	N		
Category 5 Certification Number	92442		
Chemical Permit ID	0		

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Details: Parameter	Value/Amount	Units	Comments
Chemicals - Approved	AquaNeat and Polaris		
Chemicals Permitted Previous Year	All		
Chinook	N		
Clearcast (general)	N		
Clearigate	N		
Clipper Herbicide	N		
Clipper SC Aquatic Herbicide	N		
Common reed (Phragmites australis)	Y		
Common waterweed (Elodea canadensis)	N		
Common/Glossy Buckthorn	N		
Control - Algae	N		
Control - Emergent water plants	Y		
Control - Floating water plants	N		
Control - Submerged water plants	N		
Coontail (Ceratophyllum demersum)	N		
Curly-leaf pondweed (Potamogeton crispus)	N		
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	30		
Eurasian water-milfoil (Myriophyllum spicatum)	N		
Fee	770		
Field - # days	3		
Field - Date Issued	06/13/2019		
Field - Date Received	06/10/2019		
Field Issued By	Holly_Stegemann		
Flowering Rush	N		
Flumioxazin 51% WDG - NonCrop	N		
Formula F-30 Algae Control	N		

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Details: Parameter	Value/Amount	Units	Comments
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 Algicide and Herbicide	N		
Improvement - swimming	N		
Japanese Knotweed	N		
K-Tea Aquatic Algicide	N		
Komeen Aquatic Herbicide	N		
Komeen Crystal Aquatic Herbicide	N		
Lake Surface Area	30		
Large Duckweed (Spirodela polyrhiza)	N		
Littora	N		
Maintain navigational channel	N		
Maintain private access - boating	N		
Maintain private access - fishing	N		
Method of Application	ATV mounted sprayer, backpack sprayer, cut stump, or hand wicking		
Milestone Herbicide	N		
More than 1 Property Owner	N		
NUISANCE_CAUSED_OTHER	N		
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		
Other Plants	Phragmites australis, Phalaris arundinacea, Lythrum salicaria, Typha spp		

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Details: Parameter	Value/Amount	Units	Comments
Overflow Controlled	N		
PLSS_DIRECTION	E		
PLSS_RANGE	19		
PLSS_SECTION	15		
PLSS_TOWNSHIP	24		
Payment Number	124418		
Permit County	Outagamie		
Permit End Year	2019		
Permit Latitude	44.557244		
Permit Longitude	-88.187553		
Permit PLSS Section	15 24N 19E		
Permit Start Year	2019		
Permit WBIC	N/A		
Phycomycin SCP Algaecide and Oxidizer	N		
Polaris	N		
Polaris AC	N		
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		

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Details: Parameter	Value/Amount	Units	Comments
Sensitive Area	N		
SharePoint_Number	AP-IP-NE-2019-45-4934		
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		
Symmetry NXG	N		
TREATMENT_AREA	Oneida Mitigation		
Touchdown Pro	N		
Treatment Area Greater Than 5%	N		
Tribune Herbicide	N		
Trycera	N		
WATERBODY_STRATIFY	N/A		
WPDES Coverage	N		
Waterbody District Representative	N		
Waterbody Type	WETLAND		
Waterbody have Public Access	Y		
Waterbody_Stratify	N/A		
Weedar 64 Broadleaf Herbicide	N		
Weedestroy AM-40 Amine Salt - Selective Weed Killer	N		
Wind Direction	92442		
Yellow Floating Heart	N		
Yellow Iris	N		
APM Chemical Treatment Record		9/4/2019	COMPLETE
Details: Parameter	Value/Amount	Units	Comments
Air Temperature	75		
Air Temperature Units	F		
Contains Herbicide totals	Y		

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Details: Parameter	Value/Amount	Units	Comments
Did Treatments Occur	Y		
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?	Y		
Permit County	Brown		
Permit Year	2018		
Person Completing Form	Nick Kintopf		
Treatment Date	06/20/2018		
Treatment End Time	15:00		
Treatment Start Time	9:00		
Wind Direction	NE		
Wind Speed	7		
APM Chemical Treatment Record		10/22/2019	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
Air Temperature	81		
Air Temperature Units	F		
Contains Herbicide totals	Y		
Did Treatments Occur	Y		
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?	Y		
Permit County	Brown		
Permit Year	2018		
Person Completing Form	Nick Kintopf		
Purple loosestrife (Lythrum salicaria)	TS		
Treatment Date	07/11/2018		
Treatment End Time	15:00		
Treatment Start Time	13:00		
Wind Direction	SE		
Wind Speed	8		

APM Chemical Treatment Record		10/22/2019	COMPLETE
Details: Parameter	Value/Amount	Units	Comments
Air Temperature	79		
Air Temperature Units	F		
Broad-leaved cattail (Typha latifolia)	TS		
Contains Herbicide totals	Y		
Did Treatments Occur	Y		
Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?	Y		

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Details: Parameter	Value/Amount	Units	Comments
Permit County	Brown		
Permit Year	2018		
Person Completing Form	Nick Kintopf		
Treatment Date	08/13/2018		
Treatment End Time	14:00		
Treatment Start Time	08:00		
Wind Direction	S		
Wind Speed	5		

Monitoring Stations		
Station ID	Name	Comments
10056789	Phragmites Occurrence - Rhinelander Flowage - off of Harbor Drive	
10018883	Rainbow Reservoir -- Access at Cth D	

Assessment Units			
WBIC	Segment	Local Name	Official Name
1179900	17	Wisconsin River	Wisconsin River
1580100	1	Rhinelander Flowage	Rhinelander Flowage
1580200	1	Boom Lake	Boom Lake
1584500	1	Newbold Creek	Newbold Creek
1595300	1	Rainbow Flowage	Rainbow Flowage

Lab Account Codes			
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
6/28/2018 10:00	COMPLETE		10056789	Phragmites Occurrence - Rhinelander Flowage - off of Harbor Drive
6/14/2022 9:00	COMPLETE		10056789	Phragmites Occurrence - Rhinelander Flowage - off of Harbor Drive
6/29/2022 8:00	COMPLETE		10056789	Phragmites Occurrence - Rhinelander Flowage - off of Harbor Drive
6/30/2022 9:00	COMPLETE		10056789	Phragmites Occurrence - Rhinelander Flowage - off of Harbor Drive

Documents

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Title	Description	Author	Published	Comments
Oneida County Phragmites Grant AIRR24219 Final Report.pdf	Final report	Stephanie Boismenu	6/28/2023	

Budget

Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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