

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: AIRR-143-13
Name: KENTUCK P & R DISTRICT: Kentuck Lake AIS Early Detection Response Project Phase 1
Type: Aquatic Invasives Grant
Subtype: Aquatic Invasives Early Detection and Response
Status: COMPLETE
Start Date: 07/01/2012
End Date: 06/30/2015
Purpose: Kentuck Lake P&R District is sponsoring an Early Detection Response project focusing on surveying, monitoring, mapping, hand-pulling, and chemically treating the new discovery of EWM in Kentuck Lake, Vilas County.

Project activities include: 1) Conduct annual spring pre-treatment, early-season AIS and peak-biomass surveys; 2) Conduct volunteer AIS and chemical concentration monitoring; 3) Control EWM by hand removal efforts and chemical treatments; 4) Develop annual maps and letter report.

Project deliverables include: 1) EWM survey data and maps; 2) Annual letter report describing the findings of the pre-treatment survey, early-spring survey, peak-biomass survey, chemical treatments, hand-pulling efforts, and guidance for continued control actions.

Specific conditions for this project: Annual letter report needs 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 aquatic plant and GIS data.

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

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Kentuck Lake P & R District,	GRANT_RECIPII	ACTIVE	06/13/2013		Kentuck Lake P & R District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
APM Chemical Permit Request		07/01/2012	06/30/2015	PROPOSED
Details:	Parameter	Value/Amount	Units	Comments
	24D Granular, # Acres			
	24D Granular, # Pounds			
	24D Liquid, # Acres			
	24D Liquid, # Pounds			
	Acres Treated - 1997 to 2003			
	Amount of Chemicals used - 1997 to 2003			
	Aqua-Pro Acres			
	Aqua-Pro Gallons			
	Aquacide, # Pounds			
	Aquaneat Acres			
	Aquaneat Gallons			
	Aquashade Acres			
	Aquashade Pounds			
	Aquastar Acres			
	Aquastar Gallons			
	Aquathol Acres			
	Aquathol Gallons			
	Aquathol K Acres			
	Aquathol K Gallons			
	Aquathol, # Pounds			
	Avast Acres			
	Avast Gallons			
	Chemicals Used - 1997 to 2003			
	Clearcast Acres			
	Clearcast Gallons			
	Clearigate Acres			
	Clearigate Gallons			
	Comments			
	Contains Herbicide totals			
	Copper Acres			
	Copper Liquid, # Acres			
	Copper Liquid, # Gallons			
	Copper Pounds			
	Citrine Acres			
	Citrine Liquid Acres			
	Citrine Liquid Gallons			
	Citrine Plus Acres			
	Citrine Plus Liquid Acres			
	Citrine Plus Liquid Gallons			
	Citrine Plus Pounds			
	Citrine Pounds			
	Citrine Ultra Acres			
	Citrine Ultra Gallons			
	DMA 4 IVM Acres			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
	DMA 4 IVM Gallons			
	Did Treatments Occur			
	Diquat Acres			
	Diquat Gallons			
	Diquat Liquid Acres			
	Diquat Pounds			
	Endotholl Acres			
	Endotholl Liquid Acres			
	Endotholl Liquid Gallons			
	Endotholl Pounds			
	Fee			
	Floridone Acres			
	Floridone Gallons			
	Glyphosate Acres			
	Glyphosate Gallons			
	Glyphosate Liquid Acres			
	Glyphosate Pounds			
	Green Clean Acres			
	Green Clean Gallons			
	H2O2 Acres			
	H2O2 Pounds			
	Habitat Acres			
	Habitat Gallons			
	Harvester Acres			
	Harvester Gallons			
	Herbicide Treatment and Water Use Restriction Signs Posted in Accordance with NR 107?			
	Hydrothol Acres			
	Hydrothol Gallons			
	Imazapyr Acres			
	Imazapyr Gallons			
	Nautique Acres			
	Nautique Gallons			
	Navigate Acres			
	Navigate, # Pounds			
	Onsite Supervision Present?			
	Permit #			
	Phycomycin Acres			
	Phycomycin Pounds			
	Polaris Acres			
	Polaris Gallons			
	Refuge Acres			
	Refuge Gallons			
	Reward Acres			
	Reward Gallons			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Reward Liquid Acres				
Reward Pounds				
Rodeo Acres				
Rodeo Gallons				
SCI-62 Acres				
SCI-62 Gallons				
Sculpin G Acres				
Sculpin G Pounds				
SeClear Acres				
SeClear Gallons				
ShoreKlear Acres				
ShoreKlear Gallons				
Sonar AS Gallons				
Sonor AS Acres				
Touchdown Pro Acres				
Touchdown Pro Gallons				
Treatment Date				
Treatment Date Series				
Tribune Acres				
Tribune Gallons				
Vectobac Acres				
Vectobac Gallons				
APM Mechanical Permit Request		07/01/2012	06/30/2015	PROPOSED
Details: Parameter	Value/Amount	Units	Comments	
Total Acres harvested				
Total pounds of plants harvested				
Monitor Pre and Post Treatment		07/01/2012	06/30/2015	PROPOSED
Grant Awarded		07/01/2012	06/30/2015	COMPLETE
Aquatic Plant Monitoring or Survey		07/01/2012	06/30/2015	PROPOSED
Project Deliverable	Annual letter report describing the findings of the pre-treatment survey, early-spring survey, peak-biomass survey, chemical treatments, hand-pulling efforts, and guidance for continued control actions	07/01/2012	06/30/2015	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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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
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Documents

Title	Description	Author	Published	Comments
2013 Treatment Report [Kentuck Lake, Vilas and Forest Counties]	Signs point to successful treatment of EWM on Kentuck Lake in 2013. Post-treatment assessments found little EWM in treated areas. Monitoring for EWM will continue in 2014.	Kentuck Lake Protection & Rehabilitation District	02/15/2014	
2014 AIS Monitoring & Control Strategy Assesment Report [Kentuck Lake, Vilas and Forest County]	Only small colonies of EWM. No herbicide control strategies proposed for 2015.	Onterra, LLC.	03/15/2015	
Draft: Kentuck Lake, Forest and Vilas County, 2,4-D Concentration Monitoring Summary, 2013	Kentuck Lake has an area of 957 acres, maximum depth of 40 ft, and a mean depth of 9.2 ft. On 3 June 2013, two areas (A-13 and B-13) totaling 17 acres (Figure 1) were treated with a liquid formulation of 2,4-D to control Eurasian water milfoil (<i>Myriophyllum spicatum</i>). On 5 June 2013, one area (C-13) totaling 1.6 acres was treated with a granular formulation of 2,4-D to control Eurasian water milfoil (<i>Myriophyllum spicatum</i>).	John Skogerboe	10/21/2013	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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