



Comfort Lake

2016 AIS Management Plan

Curly-leaf Pondweed

- Completed Activities
 - Applied for DNR permit (submitted 1/20/2016)
 - Applied for DNR grant (submitted 1/20/2016)
 - Obtained quotes for herbicide application (Lake Management Inc. & PLM)
- Planned/Ongoing Activities
 - Early season delineation (also look for EWM) – Blue Water Science (April 2016)
 - Herbicide treatment (May 2016)
 - Follow-up assessment – Blue Water Science (June 2016)
- Deliverables
 - Delineation and assessment report – Blue Water Science (Fall/Winter 2016)

Eurasian Watermilfoil

- Completed Activities
 - Applied for DNR permit (submitted 1/20/16)
 - Applied for DNR grant (submitted 1/20/16)
 - Obtained quotes for herbicide application and mechanical removal (Lake Management Inc., PLM, Dive Guys, and Waterfront Restoration)
 - Steve McComas, Blue Water Science, discussed granular herbicide treatment options with Chris Jurek, MN DNR, in March 2016
 - The District has obtained a DNR permit for early season EWM treatment. The permit allows for greater flexibility to the standard 50-foot water lily buffer requirement
- Planned/Ongoing Activities
 - Research granular herbicide application techniques (communicate with Sugar Lake representative regarding granular precision application)
 - Communicate with Carnelian-Marine-St. Croix Watershed District about innovative control in Big Marine Lake
 - Pursue Initiative Foundation Outdoor Heritage Funds to test early season granular treatment
 - Early season delineation – Blue Water Science (May 2016)
 - Treatment (end of May 2016)
 - Follow-up assessment – Blue Water Science (July or August 2016)
- Deliverables
 - Delineation and assessment report – Blue Water Science (Fall/Winter 2016)



Comfort Lake

2016 AIS Management Plan

Zebra Mussels

- Planned Activities
 - Coordinate with one volunteer to monitor a sampler plate on a private dock for early detection of zebra mussels.
 - District staff will monitor a second sampler plate on the DNR public dock.

Watercraft Inspections

- Completed Activities
 - Applied for cost-share grant to receive additional watercraft inspection hours by DNR staff
 - Met with Chisago County AIS representatives to plan summer program
- Planned Activities
 - Chisago County will hire 5 inspectors to rotate amongst CLFLWD public accesses. One inspector will rotate between Comfort Lake and Bone Lake. The other 4 inspectors will rotate between the 3 public accesses on Forest Lake.
- Deliverables
 - 2016 AIS Prevention Report – Chisago County (January 2017)

Comfort Lake Management



		Sub Totals				Annual	Timeline											
		Budget	Grants/Cont.	BWS	Contractor	Balance	April	May	June	July	August	September	October	November	December	January	February	
Comfort Lake 2016 Activities		\$ 10,500	\$ 5,000	\$ (3,700)	\$ (11,850)	\$ (50)												
Curly-Leaf Pondweed	Work Task	2016 Budget	Grants/Cont.	BWS	Contractor	Total Expense												
	Delin-Report			\$ (1,400)		\$ (1,400)	BWS						BWS					
	Permitting	\$ 2,000				\$ -	WD											
	Management		\$ 250		\$ (400)	\$ (400)		TBD										
	Total	\$ 2,000		\$ (1,400)	\$ (400)	\$ (1,800)												
Eurasian Watermilfoil	Work Task	2016 Budget	Grants/Cont.	BWS	Contractor	Total Expense												
	Delin-Assess			\$ (2,300)		\$ (2,300)			BWS				BWS					
	Permitting	\$ 2,000				\$ -	WD											
	Management		\$ 250		\$ (450)	\$ (450)			TBD									
	Total	\$ 2,000		\$ (2,300)	\$ (450)	\$ (2,750)												
Zebra Mussels	Work Task	2016 Budget	Grants/Cont.	BWS	Contractor	Total Expense												
	Samplers	\$ 500				\$ -	WD											
	Total	\$ 500		\$ -	\$ -	\$ -												
Boat Launches	Work Task	2016 Budget	Grants/Cont.	BWS	Contractor	Total Expense												
	Inspection Hours	\$ 6,000	\$ 5,000		\$ (11,000)	\$ (11,000)	WD/Chisago Co.											
	Total	\$ 6,000	\$ 5,000	\$ -	\$ (11,000)	\$ (11,000)												
2016 Work Plan and Budgeting							WD/EOR											

*Figures in italics represent estimates based off quotes or 2015 expenses

2015 Work	Status
CLP Delineation Map	Received
CLP Assessment Map	Received
EWM Delineation Map	Received
EWM & CLP Assessment Report	Received

2016 Work	Status
CLP Delin & Assessment	
EWM Delin & Assessment	

2016 EWM Treatment Cost Estimates									
Based on 4.65 acres of EWM									
Liquid Herbicide (Triclopyr)		Liquid Herbicide (2,4-D)		Granular Herbicide (Triclopyr)		Granular Herbicide (2,4-D)		Mechanical Pulling	
PLM Lake and Land Mgmt	Lake Mgmt Inc.	PLM Lake and Land Mgmt	Lake Mgmt Inc.	PLM Lake and Land Mgmt	Lake Mgmt Inc.	PLM Lake and Land Mgmt	Lake Mgmt Inc.	Dive Guys LLC	Wtrfrmt Restor. LLC
\$2,451	\$2,209	\$1,818	\$1,907	\$5,599		\$3,227		\$60,766	