



# Shields Lake

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## 2016 AIS Management Plan

### **Rough Fish Management**

- Completed Activities
  - Acquired electric fish barrier from City of Forest Lake (2015)
  - Performed initial assessment of maintenance/upgrade requirements (2015)
  - Obtained quote for upgrades from Smith Root, the company that installed and operates the fish barrier
  - Met with TJ DeBates, MN DNR, to discuss upgrades and potential grant opportunities
- Planned/Ongoing Activities
  - Further assess maintenance/upgrade requirements
  - Pursue DNR Conservation Partners Legacy grant to fund upgrades (August 2016)

### **Curly-leaf Pondweed**

- No management activities are scheduled for 2016

# Shields Lake Management



		Sub Totals				Annual	Timeline											
		Budget	Grants	BWS	Contractor	Balance	April	May	June	July	August	September	October	November	December	January	February	
Shields Lake 2016 Activities		\$ 8,467	\$ -	\$ -	\$ -	\$ 8,467												
Fish Barrier	Work Task	2016 Budget	Grants	BWS	Contractor	Total Expense												
	Maintenance					\$ -	WD/EOR											
	Inspections	\$ 7,967				\$ -	WD/EOR											
	Grant Application										WD							
	Total	\$ 7,967	\$ -	\$ -	\$ -	\$ -												
Zebra Mussels	Work Task	2016 Budget	Grants	BWS	Contractor	Total Expense												
	Samplers	\$ 500				\$ -	WD											
	Total	\$ 500	\$ -	\$ -	\$ -	\$ -												
2016 Work Plan and Budgeting							WD/EOR											

\*Fish barrier budget dollars represent fraction of 3010 - Operations and Maintenance budget

2015 Work	Status
Modeling & Preliminary Results	Received
Point-intercept survey	Received
Carp and Fish Survey	Received

2016 Work	Status
DNR CPL grant application	
Fish barrier upgrades/maint.	