

2017 Becker County Aquatic Invasive Species Program Report

This document outlines Becker County’s efforts to prevent the introduction and spread of aquatic invasive species using county AIS prevention funds per MN Statute 477A. 19. The Becker Soil and Water Conservation District implemented the plan elements below using 2016 and 2017 CAISP funds combined with generous contributions from lake associations and townships.

Element	Activities	2017 Expense
1. Outreach and Education	Printed Materials, Display Booth Materials, TV and Radio Ads, Bar Coasters, Signs	\$12,160
2. Inspections	Watercraft Inspectors, Field Supplies, Unemployment, Work Comp	\$246, 912
3. Decontamination	Equipment, Fuel, Maintenance, Storage	\$12,544
4. Monitoring, Treatment, Response	RMB Labs Monitoring	\$1,660
5. Professional and Technical	Office Space, Cell Data, Vehicle Maintenance, Fuel, Training	\$68,850
6. Operations and Liability	Insurance, Office Supplies	\$3,688
Administration	Program Oversight/Planning	\$4,596
Total		\$350,410



Contents

1. Outreach and Education.....	3-4
2. Watercraft Inspection.....	5-6
3. Watercraft Decontamination.....	7
4. Monitoring.....	8-9
5. Proposed 2018 Inspection Hour Allocations.....	10
6. 2017 Entering Inspection Results.....	11
7. Breakdown of AIS found in waters reported as the last place an entering watercraft was used....	12-13
8. 2017 Budget vs. Actual Expense.....	14
9. 2017 Monthly Income and Expense Report.....	15
8. Proposed 2018 Budget.....	16



Becker County's AIS funds have been used to design and print attractive educational materials that explain AIS prevention practices, shown here at the "Explore Lake Life Expo" on 1/27/2017.

1. Outreach and Education

In 2017, AIS prevention practices were promoted using printed handouts, a website, radio and television ads, new signs, indoor advertising in restrooms, a tax insert and a variety of presentations and educational displays. The following activities were completed in 2017:

- Indoor ads were placed at Zorbaz, Pit 611, Long Bridge and Holiday Inn. (June-August)
- A ½ page ad was purchased in the “Summer Scene” magazine. (May-October)
- A 30 second television commercial was updated and aired on the “Linder’s Angling Buzz” program on Fox Sports North. (May –August) 22 counties shared the cost of this sponsorship.
- A 30 second television commercial was produced by TV3 featuring fishing guide Brad Laabs, which aired 6X per day. (June-August)
- Radio ads were purchased at KDLM 1340/93.1 FM and WAVE 104.1. (May-August)
- The purchase of 30 AIS Identification Guides from The University of Minnesota was split with Becker COLA to provide a detailed AIS resource to a representative from each member lake in Becker County COLA.
- 5,000 “Clean your Johnson” bar coasters were delivered to 14 local bars and restaurants.
- An inventory of all signage at Becker County public water accesses was completed. Of the 94 public accesses in Becker County, 65 were found to have the most recent versions of the DNR’s AIS prevention signage in place. 15 accesses are within the Tamarac National Wildlife Refuge, where refuge staff have installed AIS prevention signage at the most popular accesses. New AIS prevention signs were installed at Bass, Eagle, Elbow, Hanson, Many Point, Net and Perch lakes. Signs were not installed at Big Rush, Big Basswood, Kane, Little Bass, Mary Yellowhead, Sockeye and St. Clair lakes. These accesses are in remote areas and appear to receive little use.
- Resorts with boat ramps were also offered signs. 5 businesses requested signs in 2017.
- AIS prevention tips were included on a handout that was sent with county property tax statements.

Outreach and Education continued

- On January 27th and 28th, a booth was staffed at the Explore Lake Life Expo in Fargo. Many attendees requested information on AIS prevention and other water-related issues.
- On March 14th, a presentation was provided to around 150 5th graders at the Detroit Lakes Middle School.
- On March 18th and 19th, a table was staffed at the Lakes Home and Sports Show in Detroit Lakes.
- On March 22, a meeting was hosted with DNR AIS Specialist Mark Ranweiler. Information was provided to 7 businesses on legal requirements, signage, printed materials and training opportunities.
- On May 9th, AIS Information was provided to area 5th graders at the City of Detroit Lakes Water Fest.
- On May 10th and 11th, AIS information was provided to many 5th grade students from across the county at Ike Fischer's annual 5th grade tour in Frazee.
- Presentations were also provided to the following lake associations at their annual meetings:
 - **6/3/2017 Island Lake, Buffalo/Rock/Rice**
 - **6/10/2017 Cotton Lake Association, Lake Ida Association**
 - **6/17/2017 Lake Detroiters, Big Cormorant, Lake Eunice, Pickerel Lake**
- On July 27-29, an educational display table was staffed at the Becker County Fair.
- On August 19, an educational display table was staffed at the annual Cormorant Days event.
- Updates were provided to members of Becker County COLA during their April, June, July, August, September and October meetings.

2. Watercraft Inspection

In 2017, 33 watercraft inspectors were hired. Eight of the inspectors were hired as Level 2 inspectors. These individuals were trained to operate mobile decontamination equipment in addition to their watercraft inspection duties. One of the inspectors was hired to conduct inspections at Tulaby and South Twin lakes in Mahnomen County. Becker County has been reimbursed for all associated costs by Mahnomen County. Watercraft inspections in Becker County began on May 12 and concluded on October 15, 2017.

Inspectors identified Zebra Mussels on or within watercraft attempting to enter Upper Cormorant and Detroit Lake. The mussels were removed by hand when possible. In cases where mussels were too numerous to remove by hand, thermal decontamination services were provided. The boaters were allowed to launch following decontamination, and each case was referred to law enforcement. Watercraft inspectors also assisted boaters with cleaning and draining 922 watercraft that were found with water, plants, mud or invasive species when leaving access sites.

Inspection hours were allocated to individual lakes using a risk score based on the number of access ramps, resorts, and the number of inspections per hour completed in 2016. Contributions from lake associations and townships allowed for additional inspection hours at several lakes. See page 10 for proposed 2018 inspection hour allocations. The total number of inspections, inspection hours completed and the results of entering watercraft inspections are displayed on the spreadsheets found on pages 11-12. These include an analysis of the responses provided to inspectors when asked where they last used their watercraft, just prior to the lake where the inspection is taking place. This data indicates that:

- 1607 boaters report last using their watercraft on Zebra Mussel infested waters (12.13%)
- 226 boaters report last using their watercraft on Eurasian Milfoil infested waters (1.71%)
- 138 boaters report last using their watercraft on Spiny Waterflea infested waters (1.04%)
- 42 boaters report last using their watercraft on Starry Stonewort infested waters (.32%)

Watercraft Inspection continued

- A total of 13,188.5 inspection hours were completed in 2016 at 27 public accesses and 1 resort access.
- 22,130 inspections were completed.
- Inspectors reported 520 watercraft arriving with plants, water or mud.
(3.92% of entering watercraft) *Table 1*
- Inspectors reported 386 watercraft arriving with drain plugs installed.
(3.45% of watercraft equipped with plugs) *Table 2*
- In 2017, 1983 boaters reported that they had last used their watercraft at a lake or river on MN’s list of AIS-infested waters. (14.96%) *Table 3*
- The increased number of entering watercraft found with plants, water, mud or installed drain plugs is not an encouraging sign, but can partially be attributed to more thorough inspections and improved data collection.
- Over 95% of watercraft inspected in 2017 was in compliance with state law.

	Plants, Water, Mud on arrival #	Plants, Water, Mud on arrival %
2015	368	3.60%
2016	248	1.86%
2017	520	3.92%

Table 1

	Plug In on arrival #	Plug In on arrival %
2015	282	2.59%
2016	249	2.16%
2017	386	3.45%

Table 2

	Boats entering from infested waters #	Boats entering from infested waters %
2015	941	8.65%
2016	2081	15.59%
2017	1983	14.96%

Table 3

3. Watercraft Decontamination

Becker County completed 342 watercraft decontaminations in 2017. 3,256 hours were billed at the Level 2 rate. Watercraft decontaminations were offered at Bad Medicine, Height of Land, Detroit, Melissa and Big Cormorant Lakes. Watercraft decontaminations were also performed at the SWCD shop on occasions when boaters requested decontamination and there was no Level 2 staff available. Watercraft decontamination services were requested by visiting boaters as well as local residents who use equipment on multiple lakes. The number of watercrafts requiring (or requesting) decontamination services increased from 154 in 2015 to 291 in 2016, and rose again to 342 in 2017. Increased decontamination hours will be applied across several accesses in 2018, with a strong emphasis on preventing Zebra Mussels from being transported away from popular lakes like Big Cormorant, Detroit and Melissa.

Location	Decontaminations
Detroit South	205
Melissa	80
Bad Medicine	30
Height of Land	18
SWCD Shop	5
Big Cormorant	4
2017 Total	342

	Decontaminations
2015	154
2016	291
2017	342



4. Monitoring

Becker SWCD completed several AIS monitoring efforts in 2017, with assistance from volunteers and RMB Environmental Labs of Detroit Lakes. Examining plants and other items on the lake bottom is an effective way to find Zebra Mussels and other invasive species at public access sites. Plants and other surfaces were examined at the lakes in Table 3 during July 2017. Inspecting docks in late fall as they are removed from lakes is another effective way to identify Zebra Mussel infestations. Dock equipment was inspected at the public accesses of the lakes listed in Table 4 in October.

Summer Monitoring	
Two Inlets	Turtle
Straight	Upper Cormorant
Toad	Sauer
Little Sugarbush	Pearl
Strawberry	Meadow
Floyd	Many Point
Long	Little Floyd
Round	Tamarac
	Buffalo

Table 3

Fall Dock Inspection	
Strawberry	Pearl
Round	Little Cormorant
Many Point	Long
Boyer	Sauer
Turtle	Meadow
Upper Cormorant	Lief
	Middle Cormorant

Table 4

On August 5, 2017, two hundred volunteers turned out across Minnesota to participate in the inaugural Starry Trek monitoring event. This event was organized by The University of Minnesota Extension Service and the Minnesota AIS Research Center, and was meant to identify new infestations of Starry stonewort. Becker SWCD was able to recruit 12 volunteers for this event. After being trained to identify Starry stonewort, volunteers searched 19 public accesses that were prioritized as high-risk for Starry stonewort based on a model created by UM researchers, along with local information from Becker SWCD. (Table 5) The model took into account several factors such as temperature, precipitation, and pH. The DNR confirmed one new finding of Starry stonewort from reports made by Starry Trek participants at Grand Lake in Stearns County. This was the first of two new confirmations of Starry stonewort in Minnesota in 2017.

Monitoring Continued

Additional monitoring was completed in July by RMB Labs. RMB’s technicians surveyed 100X100 meter areas surrounding the public accesses listed in Table 6 and did not find any undocumented invasive species. RMB Labs has staff with the equipment, training and experience required to identify and report invasive species that can resemble natives, like Starry stonewort. The combination of volunteer, private and county efforts allowed for more comprehensive monitoring in 2017, and similar efforts will be pursued in the future. By identifying AIS while they are still localized to a small area of a lake, more opportunities are available to suppress the infestation, especially with regards to invasive plants or Starry stonewort.

Starry Trek 2017	
Straight	Big Cormorant (2 accesses)
Shell	Cotton
Height of Land South	Tamarac (3 accesses)
Sallie	Floyd
Melissa	Lief
Detroit (4 accesses)	Upper and Middle Cormorant

Table 5

Access Sites Monitored by RMB Labs	
Detroit (3 accesses)	Long
Floyd	Big Cormorant (2 accesses)
Sallie	Ida
Cotton	Middle Cormorant
Bad Medicine	Upper Cormorant
Straight	Leif

Table 6



Starry Trek volunteers at Big Cormorant lake 8/5/2017

Proposed inspection hour allocations for 2018

Actual hours completed are subject to change based on boater movement, weather and staff availability. Contributions will be applied at a rate of 14.00 per hour. Hours will be applied as directed by the sponsor, and any unspent funds will be carried over to 2019. Unspent 2017 inspection funds totaling \$12,761 will be divided among 2017 program sponsors based on the individual group's portion of the total amount of 2017 sponsorships.

Lake	Accesses (max 2)	Resorts (max 3)	Inspections per hour	Score	Level	Base Insp. Hours	Decontamination Hours	Notes
Bad Medicine	1	3	1.9	5.9	4	500	1000	Possible decon site
Big Cormorant	2	3	2.58	7.58	5	2069	480	Decontamination Site 1069.5 carry-over hours
Big Floyd	1	0	2.4	3.4	3	500		+250 High Use, Upstream Site
Boot	1	2	0.82	3.82	3	100		low use -150
Cotton	1	0	2.3	3.3	3	500		+250 High Use, Upstream
Detroit	2	3	2.6	7.6	5	1300	1200	+300 High Use, Z.M Infested
Eagle	1	1*	0.87	2.87	2	150		
Height of Land	2	0	1.3	3.3	3	250		
Ida	1	1	1.7	3.7	3	350		+100 ZM Infested
Island	1	3	1.3	5.3	4	742		242 hours carried over from 2017
Leif	1	3	1.3	5.3	4	400		-100 Moderate Use
Little Cormorant	1	0	2.45	3.45	3	250		
Little Floyd	1	1	0.9	2.9	2	200		+50 Upstream Lake
Little Sugar Bush	1	3	0.92	4.92	3	100		low use -150
Long	1	2	1.3	4.3	3	504		+200 Near Infested Waters, 54 hours carried over
Many Point	1	1	0.8	2.8	2	300		+150 Upstream of Tamarack NWR
Melissa	1	1	1.7	3.7	3	751.88	900	High Use, ZM Infested, 251.88 Hours Carry-Over, +250
Cormorant	1	1	2.9	4.9	3	400		+150 High Use
Pearl	1	0	0	1				Hours will be allocated as available
Sallie	1	0	2.4	3.4	3	751.88		High Use, ZM Infested, 251.88 Hours Carry-Over, +250
Straight	1	3	2.1	6.1	4	450		-50 Low fall traffic
Tamarack Lake	2	0	1.8	3.8	3	250		
Toad	1	2	0.95	3.95	3	250		
Two Inlets	1	3	1.6	5.6	4	400		-100 Moderate Use
Upper Cormorant	1	1	2.2	4.2	3	400		+150 High Use
White Earth	1	2	1.7	4.7	3	250		
Flex						200		
1 and 2 Lakes share Flex Hours, also can be used for special events and high-traffic periods						12318.76	3580	
						\$215,085	\$67,447	\$282,732

2017 Entering Inspection Results

Lake	Billed Hours**	Inspections Per Hour**	Total Inspections	Entering	Exiting	Courtesy	Plug In %***	Plug In #	Plants/Mud/ Water on Arrival %	Plants/Mud/Water on Arrival #	Entering from Infested waters
Big Cormorant	1434.5	2.58	3438	2094	1344	0	0.23%	4	1.72%	36	348 (16.62%)
Detroit	2063.75	2.6	4087	2718	1364	5	6.35%	139	1.77%	48	287 (10.56%)
Melissa	1196.75	1.7	1150	655	493	2	0.90%	5	1.68%	11	126 (19.24%)
Bad Medicine	1260.75	1.9	1450	798	652	0	2.52%	18	4.76%	38	144 (18.17%)
Cotton	487	2.3	1108	659	449	0	2.17%	12	1.37%	9	70 (10.62%)
Sallie	711	2.4	1675	880	794	1	0.63%	5	0.45%	4	243 (30.60%)
Floyd	474.5	2.4	1147	645	501	1	6.92%	36	0.16%	1	79 (12.25%)
Ida	332.25	1.7	568	378	190	0	0.53%	2	5.82%	22	45 (11.90%)
Long	599.25	1.3	779	448	325	6	4.16%	15	0.67%	3	75 (16.74%)
Little Floyd	208	0.9	201	120	81	0	0%	0	0.00%	0	9 (7.5%)
Island	495.5	1.3	624	333	291	0	5.83%	18	0.60%	2	51 (15.36%)
Straight	421.5	2.1	893	519	374	0	5.67%	25	4.82%	25	49 (9.48%)
Height of Land	587	1.3	369	193	176	0	0.58%	1	2.59%	5	19 (9.84%)
Two Inlets	405	1.6	674	376	298	0	3.56%	12	7.45%	28	46 (12.23%)
Middle Cormorant	303.75	2.9	909	571	338	0	9.00%	40	15.06%	86	100 (17.51%)
Upper Cormorant	410	2.2	891	561	330	0	7.42%	34	22.81%	128	103 (18.36%)
Tamarack	314.5	1.8	565	303	262	0	1.37%	4	0.33%	1	37 (12.21%)
Lief	395.5	1.3	527	354	173	0	2.37%	7	3.67%	13	75 (21.19%)
Many Point	354.5	0.8	308	156	152	0	0.64%	1	5.77%	9	24 (15.38%)
White Earth	32	1.7	54	32	22	0	0.00%	0	0.00%	0	4 (12.5%)
Toad	238.5	0.95	226	153	72	1	0.00%	0	1.31%	2	8 (5.23%)
Eagle	252	0.87	218	145	73	0	0.00%	0	0.69%	1	21 (14.48%)
Little Cormorant	55	2.45	133	66	67	0	16.00%	8	60.61%	40	15 (22.73%)
Little Sugarbush	72	0.92	66	50	16	0	0.00%	0	4.00%	2	3 (6%)
Boot	84	0.82	70	45	25	0	0.00%	0	13.33%	6	2 (4.44)%
Totals	13188.5		22,130	13,252	8,862	16	3.45%***	386	3.92%	520	1983 (14.96%)
Corrected Hours**	11271.5	1.96**									
Inspections Per Hour	1.96**										
** To calculate the number of inspections per hour, total hours are corrected for occasions when 2 inspectors are working together.											
***3.82% of watercraft equipped with drain plugs arrived with the plug installed											
2,061 entering watercraft or equipment was not equipped with a drain plug (docks, pontoons, canoes, etc.)											

	ZM	ZM, EWM	ZM, EWM, SWF	EWM	SWF	SSW	ZM, SSW	ZM, EWM, SSW	ZM, EWM, Bighead and Silver Carp
Big Cormorant	300	16	2	5	17	4	3	1	0
Straight	14	6	4	14	10	0	0	0	1
Two Inlets	17	11	2	11	3	1	1	0	0
Boot	2	0	0	0	0	0	0	0	0
Bad Medicine	83	13	1	9	21	9	6	1	1
Island	42	2	0	4	1	0	0	0	2
Many Point	13	2	0	5	3	0	1	0	0
Height of Land	16	1	1	0	1	0	0	0	0
Tamarack, East	22	2	3	4	5	1	0	0	0
Eagle	20	0	0	0	1	0	0	0	0
Cotton	56	1	1	2	8	0	0	0	2
Little Sugarbush	2	0	0	0	1	0	0	0	0
White Earth	3	0	0	0	1	0	0	0	0
Sallie	217	4	2	4	15	0	0	0	1
Detroit	215	17	6	25	13	3	4	1	3
Little Floyd	9	0	0	0	0	0	0	0	0
Floyd	70	1	1	4	2	1	0	0	0
Melissa	119	3	0	0	3	1	0	0	0
Little Cormorant	13	1	0	1	0	0	0	0	0
Leif	68	2	0	3	0	1	0	1	0
Ida	42	1	0	1	0	1	0	0	0
Upper Cormorant	96	4	2	0	0	0	1	0	0
Middle Cormorant	93	0	1	3	3	0	0	0	0
Long	70	2	0	0	3	0	0	0	0
Toad	5	0	0	1	1	0	0	0	1
TOTALS	1607*	89	26**	96	112	22	16	4	11**

*18 entering watercraft users reported that they had last launched at the Mississippi River. The Mississippi River has a variety of invasive species occurring in different locations. For this analysis these inspections were recorded as visits from a Zebra Mussel infested water.

**9 entering watercraft users reported that they last had launched at Lake Superior, which has a variety of invasive species. For this analysis, these visits were recorded as ZM, EWM, SWF, as these species are all found in Lake Superior.

*** 7 entering watercraft users reported that they had last launched at the St. Croix River, which has a variety of invasive species occurring in different locations. For this analysis, these inspections were recorded as EWM, ZM, Bighead and Silver Carp, as these species have been documented in the lower St. Croix.

ZM = ZEBRA MUSSEL

EWM = EURASIAN MILFOIL

SWF = SPINY WATERFLEA

SSW= STARRY STONEWORT

	Out of State	Same Lake	Blanks	Not on Survey List	Lake Service Provider	Not on infested waters list	Dock/Lift	Unknown	Storage	Prefers not to answer
Big Cormorant	32	1227	0	32	2	326	6	121	0	0
Straight	22	267	0	0	16	144	2	19	0	0
Two Inlets	4	124	0	0	0	157	1	39	5	0
Boot	0	1	0	0	0	37	0	5	0	0
Bad Medicine	3	265	2	19	4	311	6	44	0	0
Island	21	108	0	0	0	126	1	23	3	0
Many Point	0	42	0	8	0	81	0	1	0	0
Height of Land	5	68	0	0	0	77	0	24	0	0
Tamarack, East	4	59	0	0	0	96	0	82	25	0
Eagle	0	74	0	0	0	36	2	12	0	0
Cotton	0	399	1	0	0	139	0	50	0	0
Little Sugarbush	0	34	0	0	0	10	0	3	0	0
White Earth	0	20	0	0	0	5	0	3	0	0
Sallie	1	460	0	11	2	139	2	22	0	0
Detroit	47	1852	10	0	2	321	22	109	68	0
Little Floyd	0	48	0	0	0	27	0	0	36	0
Floyd	11	330	0	0	0	110	3	110	2	0
Melissa	11	346	0	0	10	61	0	29	73	0
Little Cormorant	2	31	0	0	0	16	0	2	0	0
Leif	2	174	0	0	0	61	2	39	0	0
Ida	14	233	0	0	9	55	2	18	0	2
Upper Cormorant	33	312	4	0	0	79	1	29	0	0
Middle Cormorant	11	292	2	0	0	103	2	61	0	0
Long	9	252	0	1	0	70	4	24	13	0
Toad	4	105	0	31	0	0	0	4	0	1
TOTALS	236	7123	19	102	45	2587	56	873	225	3

Element	Activities	2017 Budget	2017 Actual	Notes
1. Outreach and Education	Newspaper Ads, Print Materials, Tax Insert, Television Ads, Radio Ads, Indoor Ads, Bar Coasters, Meetings	\$14,500	\$12,160*	*Dec 17' expense estimated
2. Inspections	Watercraft Inspectors, Field Supplies	\$249,100	\$246,912	Unable to work all budgeted hours for 2017. \$7,150 was spent to provide inspections for Mahnomens Co. (reimbursed 10/1/17)
3. Decontamination	Equipment, Fuel, Truck Maintenance, Field Supplies, Storage	\$14,900	\$12,544*	*Dec 17' expense estimated
4. Monitoring/Treatment/Response	AIS Monitoring	\$2000	\$1,660	RMB Labs Monitoring
5. Professional and Technical Services	Coordinator, Office Space, Cell Data, Vehicle Maintenance, Fuel, Trainings	\$55,529	\$68,850*	As of 12/15/17, \$50,265.69 in CAISP funds supported the coordinator position in 2017. \$11,119 in county funds were used to offset position costs. *Dec 17' expense estimated
6. Operations and Liability	Insurance, Office Supplies	\$3950	\$3,688	
7. Administration		\$9,618	\$4596*	*Dec 2017 expense estimated
Total		\$349,327	\$350,410	

Income	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
AIS Prevention Aid								174,664				174,664	349,328
Lake Association Match						14,600		2,329		7,150			24,079
DNR Inspection Grant													0
DNR Public Awareness Grant													0
2016 Carryover*	82,114												82,114
Misc. Income			6,550	9,450	1,850								17,850
Total Income	82,114	0	6,550	9,450	1,850	14,600	0	176,993	0	7,150	0	174,664	473,371
Expense													Total
Education/Outreach	761	624	10,025	9,647	1,425	1,129	1,760	2,045	1,473	521	300	300	***30,010
Inspections and Supplies			90		995	696	48					245,084	246,912
Decontamination	438	442	443	442	1,605	1,256	2,264	1,603	1,322	682	1,024	1,024	12,544
Monitoring, Treatment, and RR									1,660				1,660
Professional and Technical	5,330	5,304	5,486	5,505	6,053	7,283	5,730	5,522	5,588	5,525	5,762	5,762	68,850
Operations & Liability	3,190	20	1	33		444							3,688
Administration	308		137	1,170	673	1,050	221	267	236	226	153	153	4,596
Total Expense	10,027	6,389	16,183	16,797	10,752	11,857	10,023	9,437	10,279	6,953	7,239	252,324	368,260

****105,111**

Notes: **Projected Figures**

* Final 2016 carry-over figure of \$84,935 was based on estimates of Dec 16' expenses. Actual 2016 carry-over was \$82,114. **As outlined in the 2016 AIS Program Report, 10% of annual CAISP funds will be reserved for treatment or containment efforts. Of the \$105,111 in remaining 2017 funds, \$34,932 will be reserved and \$70,179 will be carried over to 2018. ***\$17,850 in expenses represent funds from 22 counties that passed through for the Linder's Angling Buzz TV Commercial. Total amount of Becker Co. CAISP funds used for Education/Outreach was \$12,160

Proposed 2018 Budget

Revenue	2018 Proposed	2018 Totals
MN State AIS Prevention Aid	\$343,745	
County Contribution	\$17,035	
Sponsorship Funds	\$14,400	
*Lake Association/LGU		
MN DNR Inspection Grant		
MN DNR Public Awareness		
Fund Carry over	\$70,179	
Total Revenue	\$445,359	\$445,359
Expense		
OUTREACH		
Education & Training	\$1,000	
Indoor Advertising	\$2,000	
Media Collaboration	\$2,000	
Newspaper / Radio	\$3,500	
Printed Materials	\$1,500	
Signage / Updates	\$1,500	
Tax Insert	\$600	
Sub Total		\$12,100
INSPECTIONS		
Field Supplies	\$2,500	
Inspection Liaison		
Level 1 Inspectors	\$215,085	
Level 2 Inspectors	\$67,447	
Mahnomen SWCD	\$7,200	
Recruitment	\$600	
Staff Trainings		
Worker's Comp	\$8,000	
Unemployment	\$12,000	
Sub Total		\$312,832

DECONTAMINATION		
Field Supplies	\$1,500	
Fuel (Gas/Oil)	\$2,000	
Maintenance	\$2,500	
Shop / Storage Fees	\$6,600	
Unit Purchase		
Utilities	\$1,500	
Vehicle Purchase		
Sub Total		\$14,100
MONITORING & RAPID RESPONSE		
10% Treatment Fund	\$34,374	
Technical Services	\$4,000	
Sub Total		\$38,374
PROFESSIONAL & TECHNICAL		
AIS Coordinator	\$51,106	
Fuel (Gas/Oil)	\$300	
Furnishings/Signage		
Office Space	\$3,500	
Tech-Phone-Cell Data	\$1,500	
Training & Certification	\$250	
Vehicle Maintenance	\$250	
Sub Total		\$56,906
ADMINISTRATION		
Program Admin	\$5,000	
Liability Insurance	\$4,000	
Office Supplies	\$150	
Sub Total		\$9,150
Total Expense	\$443,462	\$443,462

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