

2019 Becker County Aquatic Invasive Species Program Report

This document outlines Becker SWCD’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 2018 and 2019 funds, combined with contributions from lake associations and Becker County.

Element	Activities	2019 Expense
1. Outreach and Education	Printed Materials, Display Booth Materials, Television Ads, Bar Coasters	\$6,942.00
2. Inspections	Watercraft Inspectors, Field Supplies, Unemployment, Work Comp	\$247,412.00
3. Decontamination	Equipment, Fuel, Maintenance, Storage	\$11,356.00
4. Monitoring, Treatment, Response	Management Grants, LimnoPro Monitoring	\$14,217.00
5. Professional and Technical	Office Space, Cell Data, Vehicle Maintenance, Fuel, Training	\$64,392.00
6. Operations and Liability	Insurance, Office Supplies	\$6,779.00
Total		\$351,098.00*

**Based on estimates of 2019 expenses*



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Becker County staff were invited to this Starry Stonewort infestation at Wolf Lake in Hubbard County to learn about monitoring for this invasive alga.

1. Outreach and Education

In 2019, AIS prevention practices were promoted using printed handouts, a website, television ads, indoor advertising in restrooms, social media sites, bar coasters, a tax statement insert and a variety of presentations and educational displays. The following activities were completed in 2019:

- Indoor ads were placed at Zorbaz, Pit 611, Long Bridge and Holiday Inn. (June-August)
- An interactive map showing Zebra Mussel, Curly-leaf Pondweed and Flowering Rush infestations was posted on the Becker County website
- A ½ page ad was purchased in the Detroit Lakes Chamber of Commerce visitor’s guide.
- A 30 second television commercial was updated and aired on the “Linder’s Angling Buzz” program on Fox Sports North. (May –August) 18 counties shared the cost of this sponsorship.
- 5,000 “Clean your Johnson” bar coasters were delivered to 14 local bars and restaurants.
- AIS prevention practices were promoted on a handout that was included with property tax statements.
- On March 22 and 23, a table was staffed at the Explore Lake Life Expo in Fargo.
- On May 7 presentations were provided to around 200 5th graders at the Detroit Lakes Water Fest
- On May 10th, an interactive presentation 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:

6/8/2019 Little Toad Lakes Association

6/8/2019 Middle Cormorant Lake Association

6/15/2019 Big Cormorant Lake Association

- On August 8-10, a table was staffed at the Becker County Fair.
- An educational display and demonstration by the MN DNR’s Zebra Mussel detection dog was developed for University of Minnesota Extension Service’s “AquaChautauqua” event on August 15 at Dunton Locks Park.

2. Watercraft Inspection

Becker SWCD hired 33 inspectors in 2019. Nine of the inspectors were hired and trained 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 11 and concluded on October 20, 2019.

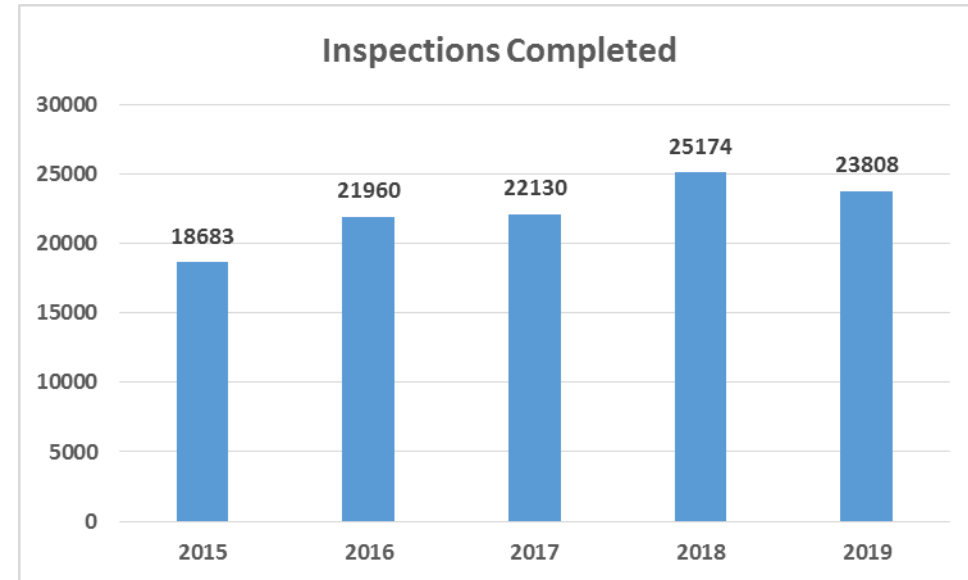
Watercraft inspectors assisted boaters with cleaning and draining 1,458 watercraft that were found with water, plants, mud or invasive species when exiting lakes. There were several Zebra Mussel violations that were reported to law enforcement in 2019, but they occurred at lakes already known to be infested. In most cases, these were pontoons and dock/lift equipment that was being re-installed at the same lake.

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 2018. Contributions from lake associations allowed for additional inspection hours at 3 lakes. See page 10 for proposed 2020 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 11-13. These include an analysis of the responses provided to inspectors when boaters were asked where they last used their watercraft, just prior to the lake where the inspection is taking place. This data shows that:

- 2043 boaters report last using their watercraft on Zebra Mussel infested waters (14.4%)
- 152 boaters report last using their watercraft on Eurasian Milfoil infested waters (1.07%)
- 151 boaters report last using their watercraft on Spiny Waterflea infested waters (1.06%)
- 25 boaters report last using their watercraft on Starry Stonewort infested waters (.18%)

Watercraft Inspection continued

- 13,318.75 inspection hours were completed in 2019 at 25 public accesses in Becker County.
- 23,808 inspections were completed.
- Inspectors reported 402 watercraft arriving with plants, water or mud. (2.84% of entering watercraft) *Table 1*
- Inspectors reported 227 watercraft arriving with drain plugs installed. (2.04% of watercraft equipped with plugs) *Table 2*
- In 2019, 2,200 boaters reported that they had last used their watercraft at a lake or river on MN’s list of AIS-infested waters. (15.51% of entering watercraft) *Table 3*



	Plants, Water, Mud on arrival #	Plants, Water, Mud on arrival %
2015	368	3.60%
2016	248	1.86%
2017	520	3.92%
2018	373	2.44%
2019	402	2.84%

Table 1

	Plug In on arrival #	Plug In on arrival %
2015	282	2.59%
2016	249	2.16%
2017	386	3.45%
2018	287	2.22%
2019	227	2.04%

Table 2

	Boats entering from infested waters #	Boats entering from infested waters %
2015	941	8.65%
2016	2081	15.59%
2017	1983	14.96%
2018	2149	14.05%
2019	2200	15.51%

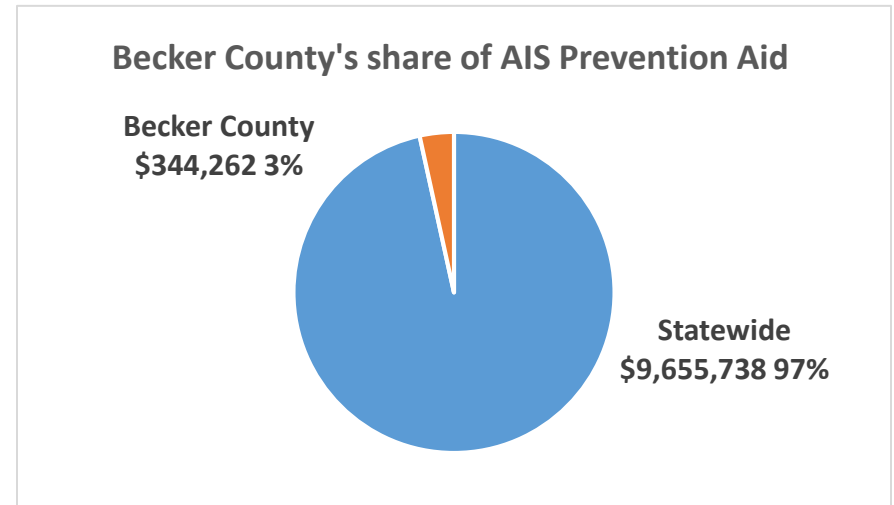
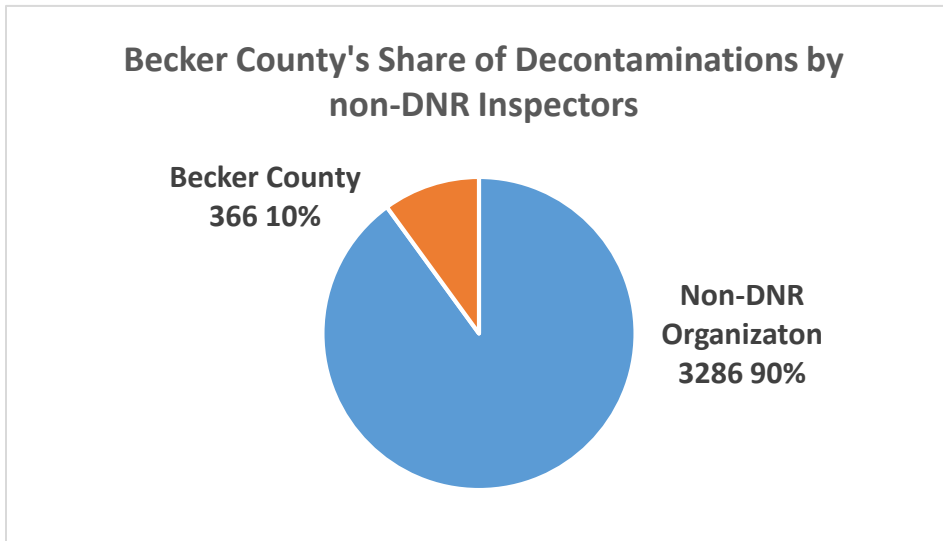
Table 3

3. Watercraft Decontamination

Becker County completed 366 separate hot-water decontaminations in 2019. 3,052 hours were billed at the Level 2 rate. Watercraft decontamination services were offered at Detroit, Melissa, Sallie and Big Cormorant lakes. Watercraft decontamination was also offered at the SWCD shop on an on-call basis. Watercraft decontamination services were provided to boaters from 10 states and Canada, as well as many residents and lake service providers. In 2020, decontamination services will again be provided at high-use zebra mussel-infested lakes. While Becker County received 3.4% of 2019 county AIS prevention aid funds, 10% of the decontaminations completed in 2019 by non-DNR groups were done by Becker County's Level 2 watercraft inspectors.

Location	Decontaminations
Detroit South	160
Melissa	51
Sallie	101
SWCD Shop	13
Big Cormorant	41
2019 Total	366

	Decontaminations
2015	154
2016	291
2017	342
2018	311
2019	366



4. Monitoring and Management

Monitoring efforts were completed in summer and fall 2019, with assistance from volunteers and contracted professionals. 25 Public access sites were surveyed by tossing a rake head from a small boat and examining retrieved plants. Results are recorded using GIS-enabled tablet devices. Monitoring sites were selected using a risk model developed at The Minnesota AIS Research Center (MAISRC). This model estimates the risk of Zebra Mussel and Starry Stonewort invasion of all 25,000 waterbodies in Minnesota. In Becker County, the top 25 public-access lakes predicted for Starry Stonewort invasion were selected for monitoring. No Starry Stonewort or other invasive plants were observed in 2019 following approximately 100 hours of sampling.

Access sites listed in Table 1 were checked by this method in August and September.

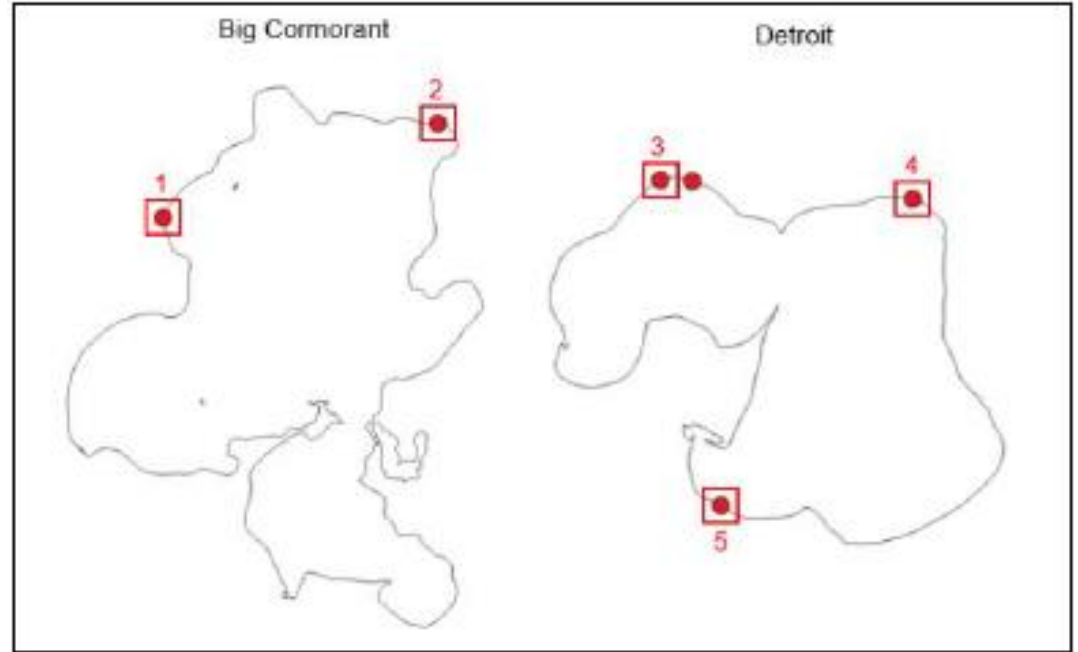
August and September Monitoring	Little Cormorant	Shell
Big Sugarbush	Little Floyd	Straight
Buffalo	Little Toad	Tamarack
Cotton	Long	Toad
Floyd	Melissa	Two Inlets
Height of Land	Middle Cormorant	Upper Cormorant
Ida	Pickerel	White Earth
Island	Rock	Wolf
Leif	Round	

Table 1



AIS monitoring points at Long Lake, one of 25 sites checked in 2019

MAISRC’s risk model ranks Big Detroit and Big Cormorant lakes as the seventh and second highest (respectively) risk lakes in the county for Starry Stonewort infestation. Boaters launching at these lakes reported last using their watercraft at a lake known to be infested with Starry Stonewort more frequently than at any other access sites in the county in 2018. Due to this increased risk, a more in-depth monitoring effort was completed on these lakes in 2019. On August 8, Dr. Dan McEwen from Limnopro Aquatic Sciences completed SCUBA transect surveys over 200’X100’ areas around the 5 primary public access sites at Detroit and Big Cormorant lakes. No undocumented AIS were reported.



Docks can be examined in late fall as they are removed from lakes to identify zebra mussel infestations. Dock equipment was inspected at the public accesses of the lakes listed in Table 2 in October and November.

Fall Dock Inspection	Eagle	Little Toad	Rock	Town
Acorn	Height of Land (South)	Long	Round	Turtle
Bad Medicine	Island	Many Point	Sauer	Two Inlets
Boot	Lief	Marshall	Sivertson	Upper Cormorant
Boyer	Little Bemidji	Meadow	Straight	
Buffalo	Little Cormorant	Middle Cormorant	Strawberry	
Cotton	Little Sugarbush	Pearl	Toad	

Table 2

On August 17, 2019, over 225 volunteers turned out across Minnesota to participate in the third annual Starry Trek AIS 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 recruited 6 volunteers for this event. After being trained to identify Starry Stonewort, volunteers searched 14 public accesses. These accesses were selected by UM researchers, who developed a model to rank AIS infestation risk of Minnesota’s lakes. (Table 3)

Starry Trek 2019	
Straight	Big Cormorant (2 accesses)
Sallie	Cotton
Melissa	Tamarac (3 accesses)
Detroit (3 accesses)	Long
Lief	

Table 3

Flowering rush sites at Pickerel lake were surveyed again in 2019. There does not appear to be any plants outside the original site and the site near the public access. Each location was treated with herbicide in July and August. Shoreline surveys will continue in 2020.

In 2019, grants were offered to lake associations, watershed districts and other organizations to fund invasive plant management projects. These grants were offered to support efforts to manage invasive aquatic plants near public access sites. Three applications were received in 2019, and each applicant received \$4,000 to assist with their management projects.

These projects included:

- Treatment of 11.4 acres of flowering rush by the City of Detroit Lakes along the public beach and adjacent to the access on West Lake Drive.
- Treatment of 35.1 acres of curly-leaf pondweed at Toad Lake.
- Treatment of 42.8 acres of flowering rush at Lake Sallie.

Three grants will be offered in 2020, with priority given to permitted treatment sites near public access areas.

Proposed inspection hour allocations for 2020

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 2021.

Lake	PWA's (max 2)	# of resorts (max 3)**	2019 Insp. per Hour	2019 Risk Score***	Level	Base Hours 2019	Decon Hours	Adjustments/Carry over*	Total 2020	Notes	
Big Cormorant	2	2	2.67	6.67	5	1000	500	add 400	1900	High use, ZM infested, 2 accesses	
Detroit	2	3	2.51	7.51	5	1000	1000	334 carry over	2334	High use, ZM infested, 3 accesses, 2 Level 2 Inspectors	
Melissa	1	1	2.4	4.4	3	250	900	95.75 carry over	1245.75	High use, ZM infested, 2 Level 2 Inspectors	
Bad Medicine	1	3	2	6	4	500		393.75 carry over	893.75	hours carried over from 2018 and 2019	
Cotton	1	0	2.39	3.39	3	250		add 250	500	high use	
Sallie	1	0	1.84	2.84	2	150	900	110 carry over	1160	ZM infested, 2 level 2 inspectors	
Floyd	1	0	2.24	3.24	3	250		add 250	500	ZM infested, high use	
Ida	1	1	2.54	4.54	4	250		add 150	400	ZM infested, high use	
Long	1	2	1.04	4.04	3	250		add 150	400	close proximity to ZM Lakes, moderate use	
Little Floyd	1	0	0.88	1.88	1	150		add 100	250	ZM infested	
Island	1	3	1.2	5.2	4	500		add 50	550	High fall traffic	
Straight	1	3	1.39	5.39	4	500		subtract 100	400	low fall traffic	
Height of Land	2	0	1.57	3.57	3	250			250		
Two Inlets	1	3	1.57	5.57	4	500			500	>19% entering from infested waters, top of watershed	
Middle Cormorant	1	1	2.51	4.51	3	250		add 150	400		
Upper Cormorant	1	1	2.12	4.12	3	250		add 150	400		
Tamarac	2	0	1.71	3.71	3	250			250	may add hours for north access	
Lief	1	2	2.62	5.62	4	500			500	close proximity to ZM Lakes	
Many Point	1	1	1.24	3.24	3	250			250	high fall traffic	
Toad	1	2	1.61	4.61	3	250		add 250	500		
Little Cormorant	1	0	1.4	2.4	2	150		add 50	200	close proximity to ZM Lakes	
Boot	1	2	1.5	4.5	3	250		subtract 100	150	Saturday resort traffic is priority	
Total						7,950	3,500		13,934		
*Unused inspection hours are carried over from 2019						Level 1 (0-2.2) Lake shares a pool of dedicated inspection hours					
** Based on data from Becker Co. Assessor's office						Level 2 (2.2-2.99) 150 dedicated inspection hours					
# of Public Accesses (max 2) + # of Resorts (max 3) + 2019 Inspections per hour = RISK SCORE						Level 3 (3-4.99) 250 dedicated inspection hours					
						Level 4 (5+) 500 dedicated inspection hours (1 access point)					
						Level 5 (5+) 1000 dedicated inspection hours (Must have 2 access points or more)					

2019 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	1990.25	2.67	4080	2352	1727	1	1.68%	32	1.29%	30	404 (17.38%)
Detroit	2116	2.51	4406	2675	1710	21	1.27%	27	2.54%	68	313 (11.7%)
Melissa	1064.25	2.4	1500	850	640	10	5.10%	34	4.24%	36	126 (14.82%)
Bad Medicine	807.75	2	1620	901	719	0	2.60%	22	12.99%	117	169 (18.76%)
Cotton	501	2.39	1197	761	436	0	0.16%	1	0.79%	6	112 (14.72%)
Sallie	1040	1.84	1281	679	594	8	1.16%	7	1.62%	11	182 (26.73%)
Floyd	598.25	2.24	1343	782	561	0	0.31%	2	0.64%	5	113 (14.45%)
Ida	335.75	2.54	854	601	253	0	2.81%	14	1.84%	11	100 (16.64%)
Long	505	1.04	524	391	132	1	7.52%	24	0.77%	3	71 (18.16%)
Little Floyd	300	0.88	263	158	105	0	0%	0	0.00%	0	21 (13.29%)
Island	750.75	1.2	901	488	413	0	0.88%	4	0.82%	4	64 (13.11%)
Straight	399.75	1.39	555	283	271	1	0.93%	2	8.83%	25	22 (7.7%)
Height of Land	248.5	1.57	391	221	170	0	1.98%	4	1.81%	4	23 (10.4%)
Two Inlets	450	1.57	705	389	316	0	5.20%	18	1.52%	6	77 (19.79%)
Middle Cormorant	347.75	2.51	873	562	309	2	1.04%	5	1.07%	6	106 (18.86%)
Upper Cormorant	336	2.12	712	416	295	1	0.28%	1	1.45%	6	79 (19.04%)
Tamarac	250	1.71	428	257	171	0	0.24%	1	0.00%	0	29 (11.28%)
Lief	239	2.62	654	471	183	0	2.51%	10	0.21%	1	102 (21.65%)
Many Point	296.25	1.24	367	205	162	0	3.06%	6	6.34%	13	34 (16.59%)
Toad	500	1.61	806	494	309	3	2.34%	11	8.94%	44	12 (2.43%)
Little Cormorant	157.25	1.4	220	148	72	0	0.86%	1	1.35%	2	23 (15.54%)
Boot	85.25	1.5	128	99	29	0	1.18%	1	4.04%	4	18 (18.18%)
Totals	13,318.75	2.05**	23,808	14,183	9,577	48	2.04%	227	2.84%	402	2200 (15.51%)
Corrected Hours**	11,628.25										
* 2.04% of entering watercraft equipped with drain plugs arrived with the plug installed (3,076 lifts, docks, pontoons and canoes/kayaks excluded)											
** To calculate the number of inspections per hour, total hours are corrected for occasions when 2 inspectors are working together.											

2019 Entering Inspection Results- Continued

	Zebra Mussels*	Zebra Mussels and Eurasian Milfoil	Zebra Mussels, Eurasian Milfoil and Spiny Waterflea**	Eurasian Milfoil	Spiny Water Flea	Starry Stonewort	Zebra Mussels and Starry Stonewort	Zebra Mussels, Eurasian Milfoil and Starry Stonewort	Zebra Mussels, Eurasian Milfoil, Bighead and Silver Carp***
Big Cormorant	370	5	4	1	22	0	0	1	1
Detroit	274	9	2	2	21	0	4	1	0
Melissa	115	2	1	1	6	0	0	1	0
Bad Medicine	141	5	3	0	16	0	4	0	0
Cotton	103	3	1	0	4	0	1	0	0
Sallie	172	3	1	0	6	0	0	0	0
Floyd	95	6	3	1	7	0	1	0	0
Ida	96	1	0	0	1	0	0	1	1
Long	66	2	0	0	3	0	0	0	0
Little Floyd	19	0	1	0	0	0	0	1	0
Island	47	2	1	2	12	0	0	0	0
Straight	13	5	1	1	2	0	0	0	0
Height of Land	19	2	0	0	2	0	0	0	0
Two Inlets	35	19	1	12	7	0	1	2	0
Middle Cormorant	97	3	1	0	3	1	1	0	0
Upper Cormorant	67	2	0	4	4	0	1	0	1
Tamarac	21	3	3	1	1	0	0	0	0
Lief	98	0	1	0	2	0	1	0	0
Many Point	22	6	1	1	4	0	0	0	0
Toad	8	2	0	0	1	0	1	0	0
Little Cormorant	22	1	0	0	0	0	0	0	0
Boot	5	5	1	4	1	1	1	0	0
TOTALS	1905	86	26	30	125	2	16	7	3

*24 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.

**2 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 some Lake Superior harbors.

*** 5 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.

2019 Entering Inspection Results- Continued

	Out of State	Same Lake	Not on Survey List	Lake Service Provider	Not on infested waters list	Dock/Lift	Unknown	Storage	Prefers not to answer
Big Cormorant	35	1161	20	10	281	22	90	324	5
Detroit	23	1618	2	2	286	19	158	251	3
Melissa	17	243	0	27	71	11	37	317	1
Bad Medicine	16	314	0	7	337	2	56	0	0
Cotton	0	466	0	0	149	5	20	9	0
Sallie	5	183	5	1	90	2	41	169	1
Floyd	0	251	0	0	95	9	30	283	1
Ida	2	355	0	0	58	2	47	37	0
Long	1	213	0	0	63	4	39	0	0
Little Floyd	0	48	0	0	35	1	1	52	0
Island	20	157	0	0	163	0	9	75	0
Straight	1	147	3	0	95	1	10	4	0
Height of Land	0	96	0	0	74	0	16	12	0
Two Inlets	0	141	0	0	144	0	18	9	0
Middle Cormorant	0	283	22	0	98	2	36	15	0
Upper Cormorant	4	215	0	0	51	1	58	6	2
Tamarac	2	49	0	0	99	0	55	23	0
Lief	0	180	0	2	29	2	12	144	0
Many Point	0	59	0	0	78	0	13	21	0
Toad	2	348	5	0	87	2	25	12	1
Little Cormorant	0	68	0	1	21	4	31	0	0
Boot	0	49	0	0	23	0	9	0	0
TOTALS	128	6644	57	50	2427	89	811	1763	14

Element	Activities	2019 Budget	2019 Actual
1. Outreach and Education	Newspaper Ads, Print Materials, Tax Insert, Media Projects, Radio Ads, Indoor Ads, Bar Coasters, Conferences	\$7,600	\$6,942
2. Inspections	Watercraft Inspectors, Field Supplies	\$248,182	\$247,412*
3. Decontamination	Equipment, Fuel, Truck Maintenance, Field Supplies, Storage	\$11,400	\$11,356*
4. Monitoring/Treatment/Response	AIS Monitoring and Management Grants	\$14,200	\$14,217*
5. Professional and Technical Services	Coordinator, Office Space, Cell Data, Vehicle Maintenance, Fuel, Trainings	\$77,850	\$64,392*
6. Operations, Liability, Administration	Insurance, Office Supplies	\$8,650	\$6,779*
Total		\$367,882	\$351,098

*DEC 2019 expenses estimated

Income and Carry-over funds	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
AIS Prevention Aid							172,131					172,131	344,262
Lake Association/SWCD Match			1,400		2,000		2,800						6,200
AIS Prevention Coordinator	10,000						10,000						20,000
DNR Inspection Grant													0
DNR Public Awareness Grant													0
2018 Carryover*	82,207												82,207
Misc. Income					10,974								10,974
Total Income	92,207	0	1,400	0	12,974	0	184,931	0	0	0	0	172,131	463,643
Expense													Total
Education/Outreach**	1,588			6,000	6,886		1,480	1,901			61		17,916
Inspections and Supplies			148	179	728	674	57	136,901			925	107,800	247,412
Decontamination	736	465	465	471	451	3,307	627	1,499	1,205	780	900	450	11,356
Monitoring, Treatment, and RR							6,111	106	8,000				14,217
Professional and Technical	2,866	3,525	4,901	5,606	8,220	5,479	5,261	5,944	5,388	4,726	6,576	5,900	64,392
Operations & Liability													0
Administration	4,455	94	135	402	463	42	129	871		88		100	6,779
Total Expense	9,645	4,084	5,649	12,658	16,747	9,502	13,665	147,222	14,593	5,594	8,462	114,250	362,072
													<u>101,571</u>

Notes: **Projected Figures**

*Final 2018 carry-over figure of \$81266 was based on estimated of Dec 18' expenses. Actual 2018 to 2019 carry-over was \$82,207

** \$10,974 in 2019 Education/Outreach expenses represents funds from 17 counties that passed through for the Linder's Angling Buzz Media Project. \$6,942 of Becker County's AIS Prevention Aid funds were used for Education/Outreach in 2019.

Proposed 2020 Budget

Revenue	2020 Proposed	2020 Totals
MN State AIS Prevention Aid	\$343,234	
County Contribution	\$20,000	
Sponsorship Funds		
*Lake Association/LGU		
MN DNR Inspection Grant		
MN DNR Public Awareness		
From fund balance	\$18,398	
Total Revenue		\$381,630
Expense		
OUTREACH		
Education & Training	\$500	
Indoor Advertising	\$2000	
Media Collaboration	\$1000	
Newspaper / Radio	\$2500	
Printed Materials	\$200	
Signage / Updates	\$200	
Tax Insert	\$1300	
Sub Total		\$7700
INSPECTIONS		
Field Supplies	\$2,000	
Level 1&2 Inspectors	\$233,812	
Mahnomen SWCD	\$7,200	
Recruitment	\$600	
Staff Training	\$500	
Worker's Comp	\$5,400	
Unemployment	\$8,000	
Sub Total		\$257,512

*based on December 2019

DECONTAMINATION		
Field Supplies	\$1000	
Fuel (Gas/Oil)	\$2000	
Maintenance	\$2500	
Shop / Storage Fees	\$6600	
Unit Purchase		
Utilities	\$1500	
Vehicle Purchase		
Sub Total		\$13,600
MONITORING & RAPID RESPONSE		
Management Grants	\$12,000	
Technical Services	\$2,200	
Sub Total		\$14,200
PROFESSIONAL & TECHNICAL		
AIS Coordinator	\$72,428	
Fuel (Gas/Oil)	\$500	
Furnishings/Signage		
Office Space	\$5,040	
Tech-Phone-Cell Data	\$1,500	
Training & Certification	\$250	
Vehicle Maintenance	\$250	
Sub Total		\$79,968
ADMINISTRATION		
Program Admin (3%)	\$4500	
Liability Insurance	\$4000	
Office Supplies	\$150	
Sub Total		\$8,650
Total Expense		\$381,630