

# 2020 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 2019 and 2020 funds, combined with contributions from lake associations and Becker County.

<b>Element</b>	<b>Activities</b>	<b>2020 Expense</b>
1. Outreach and Education	Printed Materials, Display Booth Materials, Television Ads, Bar Coasters	\$6,013.00
2. Inspections	Watercraft Inspectors, Field Supplies, Unemployment, Work Comp	\$247,348.00
3. Decontamination	Equipment, Fuel, Maintenance, Storage	\$10,894.00
4. Monitoring, Treatment, Response	Management Grants, SCUBA Monitoring	\$11,968.00
5. Professional and Technical	Office Space, Cell Data, Vehicle Maintenance, Fuel, Training	\$73,149.00*
6. Operations and Liability	Insurance, Office Supplies	\$8,984.00*
<b>Total</b>		<b>\$378,817.00</b>

*\*Based on estimates of Dec 2020 expenses*



## Contents

Outreach and Education.....	3-4
Watercraft Inspection.....	5-7
Watercraft Decontamination.....	8
Monitoring and Management.....	8-12
Proposed 2021 Inspection Hour Allocations.....	13
2020 Inspection Results.....	14
Breakdown of AIS found in waters reported as the last place an entering watercraft was used....	15-16
2020 Budget vs. Actual Expense.....	17
2020 Monthly Income and Expense Report.....	18
Proposed 2021 Budget.....	19

## **1. Outreach and Education**

In past years, educational events like the 5<sup>th</sup> grade conservation tour, home and sport shows, water fest, lake association meetings, and other events provided a way to let the public know about the need to prevent the spread AIS in local lakes. With the cancellation of these events in 2020, AIS prevention messages were promoted via targeted mailings, social media posts and websites. The following activities were completed in 2020:

- 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 updated 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.
- AIS prevention practices were promoted on a handout that was included with property tax statements.

In April 2020, MN DNR awarded Becker SWCD with funds to develop an educational postcard and reimbursement program for residents of Sallie, Melissa, White Earth, and South Twin Lakes. This pilot program was designed using a method known as community-based social marketing. This approach is based on changing human behaviors by identifying and reducing barriers to a desired behavior and promoting the benefits. We used this approach to teach lakeshore residents about Minnesota’s 21-day dry law for dock and lift equipment, and to encourage folks to follow this law by offering up to \$400.00 toward the cost of removing, cleaning, and storing this equipment when it is to be sold. These lakes were selected based on risk of infestation, proximity to non- infested lakes, and the presence of an active lake association. This program will continue through 2021 and may be expanded to all infested lakes in the county if funds are available.

—  FOR THE —  
**LAKEs' SAKE**

**PREVENT THE SPREAD OF ZEBRA MUSSELS  
ON USED DOCK AND LIFT EQUIPMENT**

**21 DAY DRYING LAW:**

In Minnesota, all previously-owned docks, lifts, and swim rafts must be out of the water for 21 days and cleaned before they can be placed in another waterbody.

A DNR-issued permit is required to transport dock and lift equipment away from a lakeshore property for cleaning and drying. Your actions can preserve Minnesota's lakes.

**REIMBURSEMENTS:**

The Becker Soil & Water Conservation District and the Minnesota DNR have partnered to offer a limited number of reimbursement payments that will pay for the removal, cleaning, and storage of dock and lift equipment by licensed Lake Service Providers. Reimbursement payments will be available through 2021.

For more information on aquatic invasive species, contact the Becker County AIS Coordinator, Karl Koenig 218-846-7360 or kikoeni@co.becker.mn.us



GET UP TO  
**\$400**

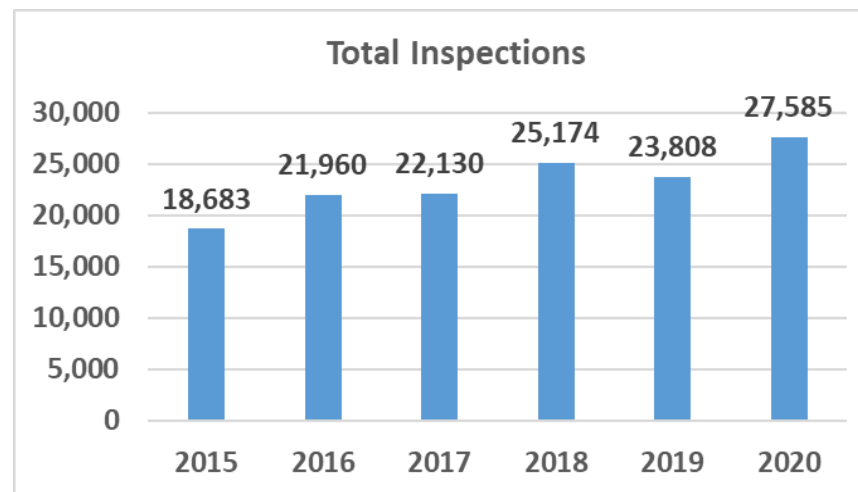
Only equipment from Sallie and Melissa Lakes, with the intent to sell or move said equipment to another water body, will be eligible for reimbursement through 2021.



*Postcard sent to Sallie and Melissa property owners*

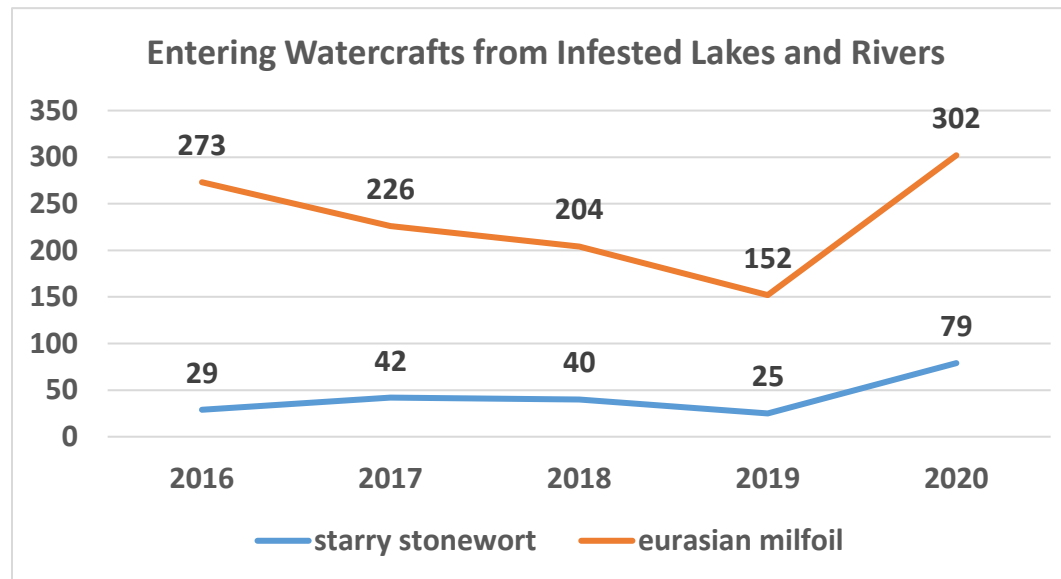
## **2. Watercraft Inspection**

Becker SWCD hired 31 inspectors in 2020. DNR staff worked quickly to provide online training as a safe alternative to traditional classroom-style sessions. 3 of the inspectors were hired and trained as Level 2 inspectors. DNR was not able to provide training to level 2 inspectors in early summer, but they did agree to authorize inspectors who had been authorized as level 2 inspectors in 2019. These individuals are trained to operate mobile decontamination equipment in addition to their watercraft inspection duties. One of the inspectors was hired to work at South Twin lake in Mahnomen County. Becker County was reimbursed for all associated costs by Mahnomen County. Watercraft inspectors began working on May 9 and finished on October 18, 2020. Five zebra mussel violations were reported to law enforcement in 2020. In three cases, the inspected equipment were pontoons and dock/lift equipment that was being re-installed at the same lake. Two more concerning violations were reported at Bad Medicine lake. These incidents each involved fishing boats that had previously been used on infested lakes within the previous week. In each case, plants with attached mussels were found upon inspection. Each of these violations were forwarded to DNR enforcement. Watercraft inspectors also assisted exiting boaters with cleaning and draining 1,458 watercraft that were found with water, plants, mud, or invasive species when leaving the lake.



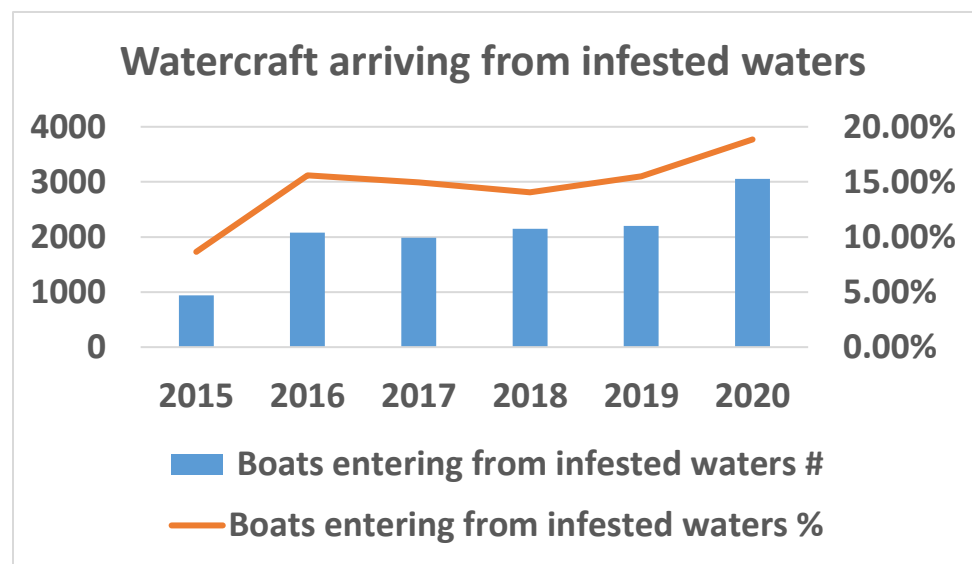
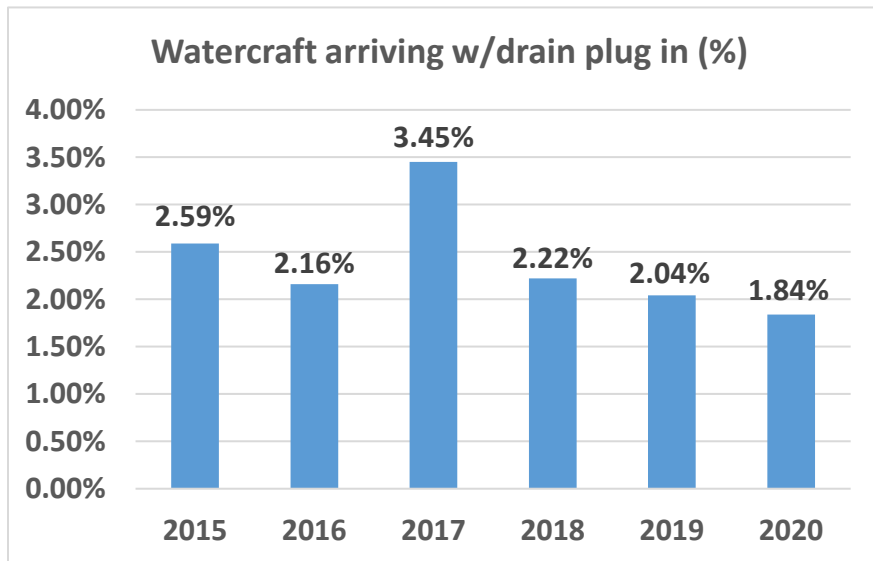
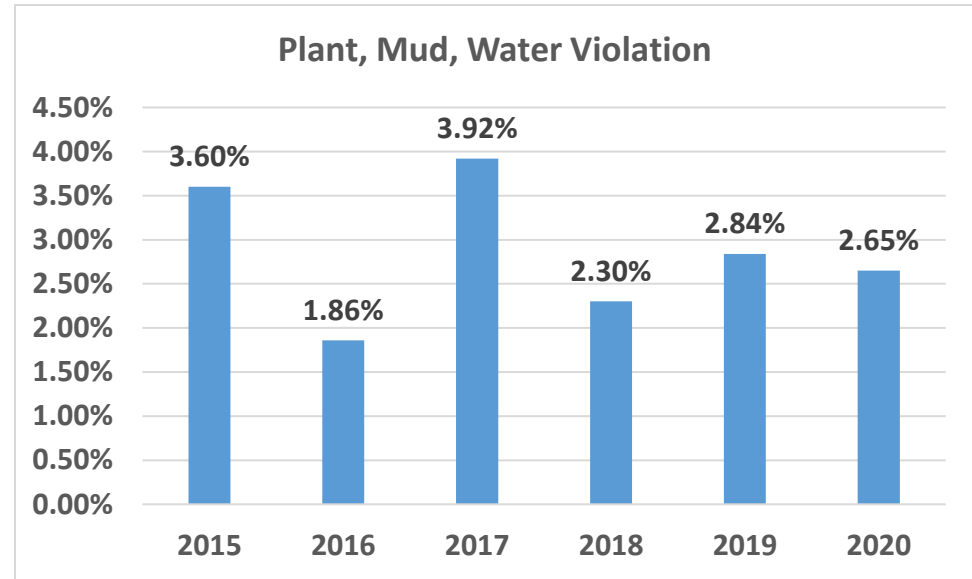
Inspection hours were allocated to individual lakes using a risk score based on the number of access ramps, resorts and the number of inspections per hour completed in 2019. Contributions from lake associations allowed for additional inspection hours at 3 lakes. See page 13 for proposed 2021 inspection hour allocations. The total number of inspections, inspection hours completed and the results of entering watercraft inspections are shown on pages 14-16. These include a breakdown 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. These data show that:

- 2985 boaters report last using their watercraft on Zebra Mussel infested waters (18.4%)
- 302 boaters report last using their watercraft on Eurasian Milfoil infested waters (1.86%)
- 133 boaters report last using their watercraft on Spiny Waterflea infested waters (.82%)
- 79 boaters report last using their watercraft on Starry Stonewort infested waters (.49%)



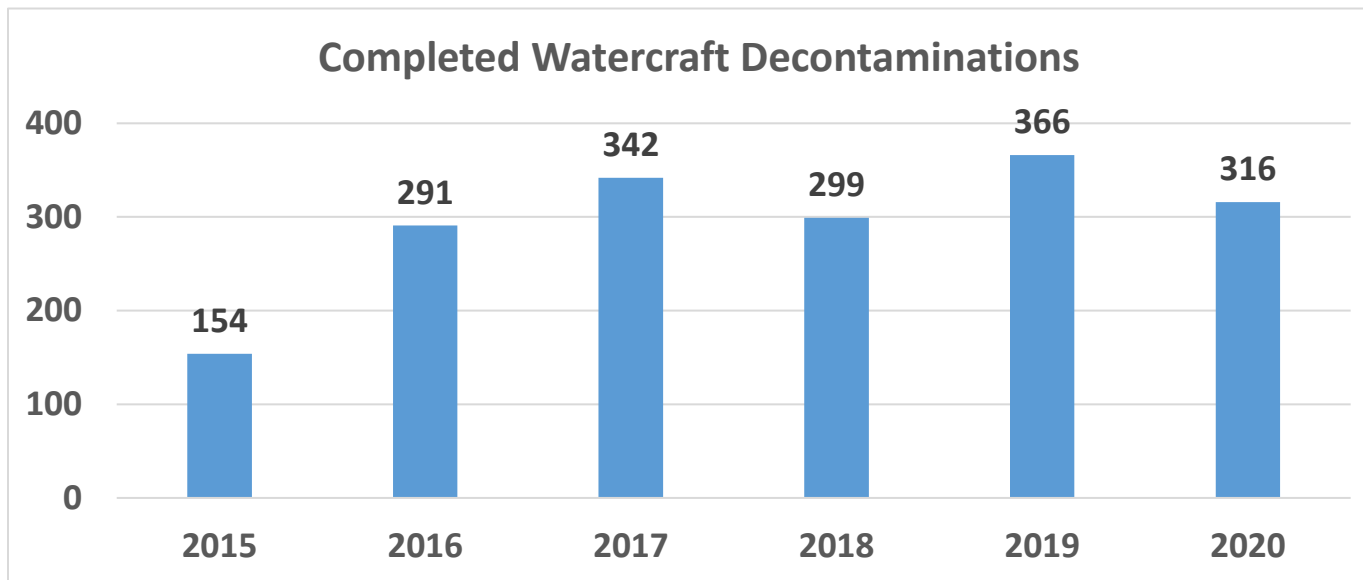
Watercraft Inspection continued

- 13,799.5 inspection hours were completed in 2020 at 25 public accesses in Becker County.
- 27,585 inspections were completed.
- Inspectors reported 429 watercraft arriving with plants, water or mud. (2.65% of entering watercraft)
- Inspectors reported 250 watercraft arriving with drain plugs installed. (1.84% of watercraft equipped with plugs)
- In 2020, 3,056 boaters reported that they had last used their watercraft at a lake or river on MN's list of AIS-infested waters. (18.85% of entering watercraft)



### **3. Watercraft Decontamination**

Becker County completed 316 separate hot-water decontaminations in 2020. Watercraft decontamination services were offered at Detroit, Melissa, 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 2021, decontamination services will again be provided at 4 high-use zebra mussel-infested lakes.



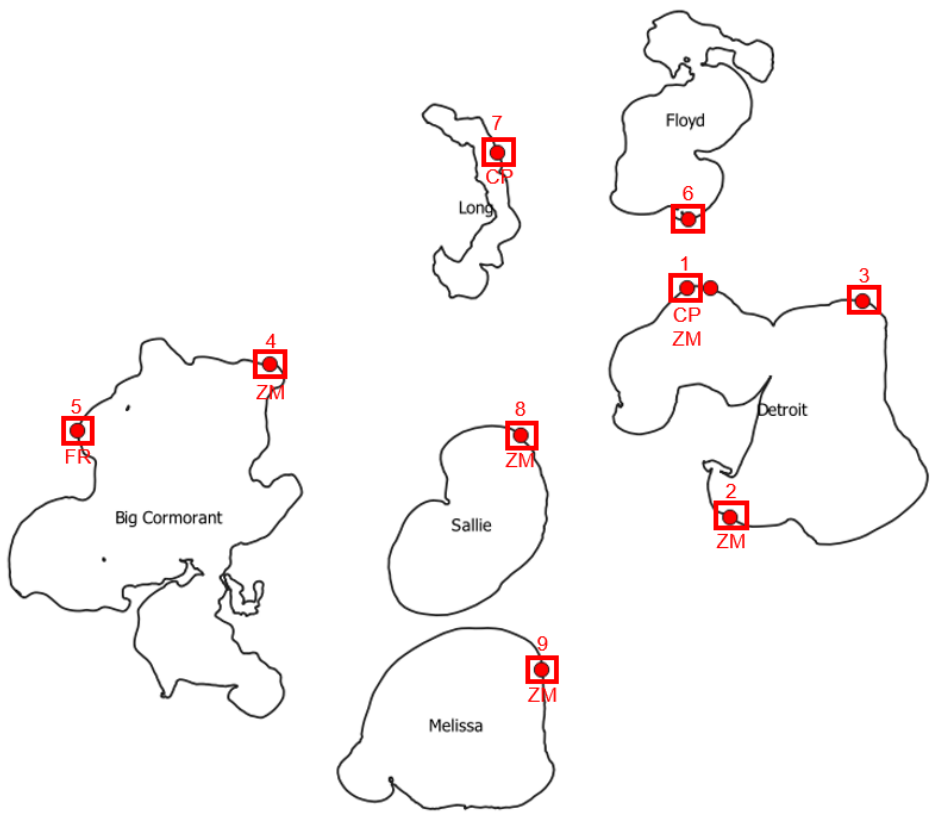


#### **4. Monitoring and Management**

Monitoring efforts were completed in summer and fall 2020, with assistance from volunteers and LimnoPro llc., a private company that specializes in monitoring for and managing invasive plants in lakes, and other lake issues. 25 Public access sites were surveyed by tossing a rake head from a small boat and examining retrieved plants. 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 2020 following approximately 90 combined hours of sampling.

Access sites listed below were checked by this method in September 2020.

<b>August and September Monitoring</b>	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	



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. A more in-depth monitoring effort was completed at public access sites on these lakes in 2019, and additional high-risk lakes were added in 2020. On August 30 and September 1, 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, as well as access sites at Sallie, Melissa, Long and Big Floyd. Curly-leaf pondweed was found at Long lake. This area will be re-surveyed in 2021, with help from Pelican River Watershed District.

Docks can be inspected 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 below in October and November.

<b>Fall Dock Inspection</b>	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	

On 8/15/20, 6 volunteers participated in the 3<sup>rd</sup> annual “Starry Trek” monitoring event. This event is hosted by The University of Minnesota AIS research center, and it was attended by 212 people statewide. In Stearns County, volunteers successfully identified starry stonewort at Lake Carnelian. This event has successfully identified a new infestation each year since it began in 2018. In Becker County, an enthusiastic middle-school student and her parents checked accesses at Straight and Shell lakes, and reported banded mystery snails at each site, which had not been previously documented. Tamarack and Cotton lakes were also checked, as these lakes are considered at increased risk for starry stonewort and were not included in 2020 SCUBA surveys. No starry stonewort or other invasive plants were reported.

Flowering rush sites at Pickerel lake were surveyed again in 2020. No plants were observed 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 2021. Post-treatment inspection at the public access site looked very successful in August 2020, but treatments will continue if plants are found at either site.

In 2020, AIS management grants were offered to lake associations, watershed districts and other organizations to fund invasive aquatic plant management projects. Two applications were received in 2020, and each applicant received \$4,000 to assist with herbicide control projects. The City of Detroit Lakes reported that the treatment area along the city beach did not require treatment, as their survey of the area showed no flowering rush. Toad lake association was unable to complete a curly-leaf delineation in 2020, so grant funds will be used in 2021. The Pelican River Watershed District used their funds to continue a successful flowering rush treatment at Lake Sallie. Three grants will be offered in 2021, with priority given to permitted sites near public access areas.

Proposed inspection hour allocations for 2021

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)**	2020 Insp. per Hour	2020 Risk Score***	Level	Base Hours 2020	Decon Hours	Adjustments/Carry over*	Total 2021	Notes
Big Cormorant	2	2	2.39	6.39	5	1000	500	478 carry over	1978	High use, ZM infested, 2 accesses
Detroit	2	3	3.73	8.73	5	1000	1000	204.25 carry over	2204.25	High use, ZM infested, 3 accesses, 2 Level 2 Inspectors
Melissa	1	1	2.91	4.91	3	250	900	161.5 carry over	1311.5	High use, ZM infested, 2 Level 2 Inspectors
Bad Medicine	1	3	1.78	5.78	4	500		add 200	700	hours carried over from 2018 and 2019
Cotton	1	0	2.09	3.09	3	250		add 250	500	high use
Sallie	1	0	1.36	2.36	2	150	900	219 carry over	1269	ZM infested, 2 level 2 inspectors
Floyd	1	0	2.84	3.84	3	250		add 250	500	ZM infested, high use
Ida	1	1	2.68	4.68	3	250		add 150	400	ZM infested, high use
Long	1	2	1.02	4.02	3	250		add 100	350	close proximity to ZM Lakes, moderate use
Little Floyd	1	0	1.24	2.24	2	150		add 100	250	ZM infested
Island	1	3	1.69	5.69	4	500		add 50	550	High fall traffic
Straight	1	3	2.14	6.14	4	500		subtract 100	400	low fall traffic
Height of Land	2	0	2.25	4.25	3	250			250	
Two Inlets	1	3	1.71	5.71	4	500			500	>16% entering from infested waters, top of watershed
Middle Cormorant	1	1	2.93	4.93	3	250		add 150	400	
Upper Cormorant	1	1	2.2	4.2	3	250		add 150	400	
Tamarac	2	0	0.79	2.79	2	150			250	may add hours for north access
Lief	1	2	2.74	5.74	4	500			500	close proximity to ZM Lakes
Many Point	1	1	1.4	3.4	3	250			250	high fall traffic
Toad	1	2	2.46	5.46	4	500			500	
Little Cormorant	1	0	0.94	1.94	1	150		add 50	200	close proximity to ZM Lakes
Boot	1	2	1.08	4.08	3	250		subtract 100	150	Saturday resort traffic is priority
Total						8,100	3,300		13,813	
*Unused inspection hours are carried over from 2020						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)				

## 2020 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	2161	2.39	3660	2336	1321	3	1.22%	23	0.56%	429	502 (21.49%)
Detroit	2129.75	3.73	5854	3538	2285	31	1.58%	44	1.47%	52	613 (17.3%)
Melissa	1084.25	2.91	2039	1149	874	16	4.54%	42	12.71%	146	257 (22.37%)
Bad Medicine	1088	1.78	1940	1025	915	0	0.88%	8	5.37%	55	161 (15.78%)
Cotton	527.5	2.09	1100	726	374	0	0.33%	2	0.41%	3	90 (12.4%)
Sallie	941	1.36	1277	727	550	0	1.68%	11	3.75%	27	226 (31.09%)
Floyd	504.25	2.84	1430	823	607	0	0.58%	4	0.61%	5	137 (16.7%)
Ida	407.5	2.68	1092	615	477	0	3.18%	16	0.98%	6	167 (27.2%)
Long	503.5	1.02	514	340	174	0	1.09%	3	2.35%	8	82 (24.1%)
Little Floyd	250	1.24	311	190	121	0	0%	0	0.00%	0	45 (23.7%)
Island	766.25	1.69	1298	715	583	0	1.07%	7	1.96%	14	100 (14%)
Straight	265	2.14	568	334	234	0	0.00%	0	1.80%	6	32 (9.58%)
Height of Land	259	2.25	583	317	266	0	8.83%	28	4.10%	13	45 (14.2%)
Two Inlets	508.25	1.71	871	497	370	4	4.54%	20	1.41%	7	81 (16.3%)
Middle Cormorant	399.25	2.93	1169	699	465	5	1.00%	6	0.00%	0	178 (25.46%)
Upper Cormorant	351.5	2.2	775	416	339	0	2.20%	8	0.24%	1	84 (20.2%)
Tamarac	247.5	0.79	195	99	96	0	0.00%	0	0.00%	0	21 (21.2%)
Lief	340	2.74	933	563	370	0	3.74%	17	6.39%	36	117 (20.78%)
Many Point	425	1.4	597	361	236	0	0.86%	3	4.70%	17	60 (16.6%)
Toad	502	2.46	1237	652	585	0	1.33%	8	2.45%	16	39 (6%)
Little Cormorant	59.5	0.94	56	34	22	0	0.00%	0	2.94%	1	12 (35.3%)
Boot	79.5	1.08	86	56	30	0	0.00%	0	5.36%	3	7 (12.5%)
<b>Totals</b>	<b>13,799.50</b>	<b>2.27</b>	<b>27,585</b>	<b>16,212</b>	<b>11,294</b>	<b>59</b>	<b>1.84%</b>	<b>250</b>	<b>2.65%</b>	<b>429</b>	<b>3056 (18.85%)</b>
Corrected Hours**	<b>12,165.00</b>										
* 1.84% of entering watercraft equipped with drain plugs arrived with the plug installed (2589 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.											

2020 Entering Inspection Results- Continued

	ZM	ZM, SWF	ZM,EWM	ZM, EWM, SWF	EWM	SWF	SSW	ZM, SSW	ZM, EWM, SSW	ZM, EWM, Bighead and Silver Carp
Big Cormorant	436	20	19	4	8	6	3	3	3	0
Detroit	518	10	33	5	15	7	2	13	6	4
Melissa	234	4	7	6	3	1	0	2	0	0
Bad Medicine	145	4	9	2	16	5	2	6	2	1
Cotton	85	1	3	0	0	0	0	1	0	0
Sallie	214	2	2	2	2	1	0	1	2	0
Floyd	118	7	6	1	2	0	0	3	0	0
Ida	158	2	2	0	2	2	0	0	2	0
Long	78	0	1	0	1	0	0	1	1	0
Little Floyd	44	1	0	0	0	0	0	0	0	0
Island	76	3	8	2	3	3	1	2	1	1
Straight	18	3	6	0	2	3	0	0	0	0
Height of Land	38	0	3	0	0	0	0	4	0	0
Two Inlets	17	0	34	2	23	1	2	0	2	1
Middle Cormorant	165	7	3	0	0	0	0	3	0	0
Upper Cormorant	79	0	2	2	0	0	0	1	0	0
Tamarac	15	1	2	0	0	1	1	0	0	0
Lief	110	3	1	1	0	1	0	0	1	0
Many Point	37	2	13	2	1	2	0	3	0	0
Toad	27	1	7	0	0	0	1	3	1	0
Little Cormorant	12	0	0	0	0	0	0	0	0	0
Boot	2	0	3	0	2	0	0	0	0	1
<b>Totals</b>	<b>2646</b>	<b>71</b>	<b>164</b>	<b>29</b>	<b>80</b>	<b>33</b>	<b>12</b>	<b>46</b>	<b>21</b>	<b>8</b>

\*15 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.

\*\*\* 8 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, Bigherad 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**

2020 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
<b>Big Cormorant</b>	43	1176	1	8	264	12	142	188	0
<b>Detroit</b>	78	1690	6	3	461	27	196	470	6
<b>Melissa</b>	21	342	0	46	95	6	19	361	2
<b>Bad Medicine</b>	5	347	4	8	340	5	113	10	1
<b>Cotton</b>	0	341	0	1	117	6	79	92	0
<b>Sallie</b>	0	289	17	0	110	7	47	30	1
<b>Floyd</b>	0	280	0	0	90	3	27	286	0
<b>Ida</b>	0	327	0	0	67	0	53	0	0
<b>Long</b>	0	176	0	0	36	0	36	10	0
<b>Little Floyd</b>	0	62	0	0	35	1	0	47	0
<b>Island</b>	22	257	0	0	237	0	13	86	0
<b>Straight</b>	0	154	0	0	109	0	39	0	0
<b>Height of Land</b>	0	121	0	0	89	0	10	52	0
<b>Two Inlets</b>	36	105	0	25	153	0	12	83	1
<b>Middle Cormorant</b>	0	344	26	0	110	2	33	6	0
<b>Upper Cormorant</b>	0	153	0	0	71	5	23	80	0
<b>Tamarac</b>	0	32	0	0	40	0	6	1	0
<b>Lief</b>	0	209	0	0	73	3	80	81	0
<b>Many Point</b>	0	108	0	0	167	0	8	18	0
<b>Toad</b>	0	263	0	0	238	0	44	67	0
<b>Little Cormorant</b>	0	6	0	0	3	0	3	10	0
<b>Boot</b>	0	27	0	0	16	0	5	0	0
<b>Totals</b>	<b>205</b>	<b>6809</b>	<b>54</b>	<b>91</b>	<b>2921</b>	<b>77</b>	<b>988</b>	<b>1978</b>	<b>11</b>



<b>Element</b>	<b>Activities</b>	<b>2020 Budget</b>	<b>2020 Actual</b>
<b>1. Outreach and Education</b>	Newspaper Ads, Print Materials, Tax Insert, Media Projects, Indoor Ads,	\$7,700	\$17,313 ((\$11,300 of this total are funds collected from other counties for the Linder's Angling Buzz sponsorship, \$6,013 in Becker Co funds spent in 2020)
<b>2. Inspections</b>	Watercraft Inspectors, Field Supplies	\$257,512	\$247,348 (Mahnomon Co reimbursed \$4,520 to cover inspections at South Twin)
<b>3. Decontamination</b>	Equipment, Fuel, Truck, Maintenance, Field Supplies, Storage	\$13,600	\$20,056 ((\$9,995 of this total includes a truck purchased to replace stolen/totaled truck, reimbursed \$10,162 by insurance)
<b>4. Monitoring/Treatment/Response</b>	Contracted AIS Monitoring, Management Grants, Flowering Rush Pickerel lake	\$14,200	\$11,968
<b>5. Professional and Technical Services</b>	Coordinator, Office Space, Cell Data, Vehicle Maintenance, Fuel, Trainings	\$79,968	\$73,149
<b>6. Operations, Liability, Administration</b>	Insurance, Office Supplies	\$8,650	\$8,984
<b>Total</b>		<b>\$381,630</b>	<b>\$378,817</b>

<b>Income</b>	1-Jan	1-Feb	1-Mar	1-Apr	1-May	1-Jun	1-Jul	1-Aug	1-Sep	1-Oct	1-Nov	1-Dec	Total
AIS Prevention Aid							171,617					171,617	\$343,234
Lake Association						6,400			2,925				
AIS Coordinator	8,712												8,712
DNR Inspection Grant													
DNR Public Awareness Grant													
Fund Balance	102,990												102,990
Misc. Income					11,300	10,162					4,520		
<b>Total Income</b>	<b>111,702</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,300</b>	<b>16,562</b>	<b>171,617</b>	<b>0</b>	<b>2,925</b>	<b>0</b>	<b>4,520</b>	<b>171,617</b>	<b>490,243</b>
<b>Expense</b>													Total
Education/Outreach	1,445	200		6,456	6,000	900	640	914		758			17,313
Inspections and Supplies				65	210	2,723	182	65		217,389	830	25,884	247,348
Decontamination	607	512	489	611	509	11,366	1,798	1,130	998	723	888	425	20,056
Monitoring and Treatment							112	112	4,000	7,744			11,968
Professional and Technical	5,965	5,965	5,965	5,965	7,212	6,275	5,977	5,965	5,965	5,965	5,965	*5,965	73,149
Operations & Liability													
Administration	4,246	221	193	279	874	605	589	410	283	519	316	450	8,984
<b>Total Expense</b>	<b>12,262</b>	<b>6,898</b>	<b>6,647</b>	<b>13,376</b>	<b>14,804</b>	<b>21,869</b>	<b>9,298</b>	<b>8,596</b>	<b>11,246</b>	<b>233,098</b>	<b>7,999</b>	<b>*32,724</b>	<b>378,817</b>

\*DEC 2020 expenses estimated

Proposed 2021 Budget

<b>Revenue</b>	<b>2021 Proposed</b>	<b>2021 Totals</b>
MN State AIS Prevention Aid	\$342,585	
County Contribution	\$8,712	
Sponsorship Funds		
*Lake Association/LGU		
MN DNR Inspection Grant		
MN DNR Public Awareness		
From fund balance	\$19,710	
<b>Total Revenue</b>		<b>\$371,007</b>
<b>Expense</b>		
<b>OUTREACH</b>		
Education & Training	\$500	
Indoor Advertising		
Media Collaboration	\$1000	
Newspaper / Radio		
Printed Materials	\$2000	
Signage / Updates	\$200	
Tax Insert		
Sub Total		\$3700
<b>INSPECTIONS</b>		
Field Supplies	\$2,000	
Level 1&2 Inspectors	\$227,189	
Mahnomen SWCD	\$7,200	
Recruitment	\$600	
Staff Training	\$500	
Worker's Comp	\$5,400	
Unemployment	\$8,000	
Sub Total		\$250889

<b>DECONTAMINATION</b>		
Field Supplies	\$1000	
Fuel (Gas/Oil)	\$2000	
Maintenance	\$2500	
Shop / Storage Fees	\$6600	
Unit Purchase		
Utilities	\$1500	
Vehicle Purchase		
Sub Total		\$13,600
<b>MONITORING &amp; RAPID RESPONSE</b>		
Management Grants	\$12,000	
Technical Services	\$2,200	
Sub Total		\$14,200
<b>PROFESSIONAL &amp; TECHNICAL</b>		
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
<b>ADMINISTRATION</b>		
Program Admin (3%)	\$4500	
Liability Insurance	\$4000	
Office Supplies	\$150	
Sub Total		\$8,650
<b>Total Expense</b>		<b>\$371,007</b>