

Hubbard County

2022 AIS Program



2022 in Review

Overview:

- Community Outreach
- Inspection Summary
- Decontamination Summary
- AIS Infested Waters Updates
- 2023 Planning & Funding Information



Community Outreach

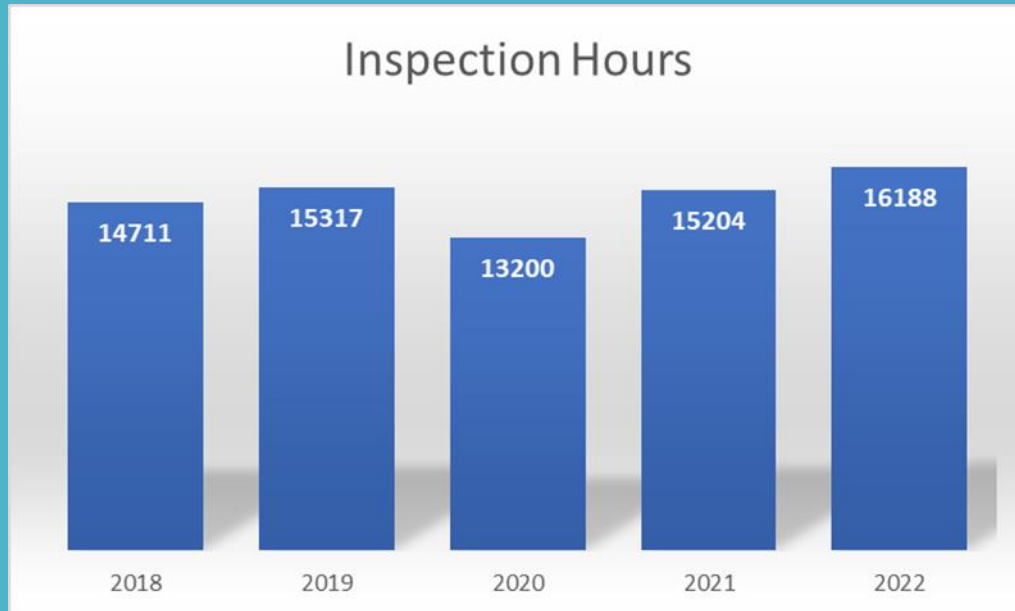
- 45 Level 1 Inspectors, with 4 Level 2 Inspectors.
 - Engaged watercraft users at 34 accesses.
- AIS prevention advertisements on KDKK, KXKK, KPRM.
- AIS billboard – US 71 south of Park Rapids (COLA partnership).
- Updated & distributed AIS ID cards (COLA partnership).
- Starry Trek – Community volunteers sampling for SSW
 - 28 public accesses sampled at 24 different lakes
 - 13 volunteers
 - No new AIS found

Inspection Summary

- Inspection season ran from May 14th – Sept. 30th
 - Big Mantrap inspections extend to October 31st
- 16,266 hours worked (as of October 23rd)
- Roughly 21,650 inspections conducted
 - Inspections are still ongoing
- 99.03% compliance with drain plug law
- 97.86% compliance with all other AIS laws
- 1.34 inspections per hour (County-wide average)

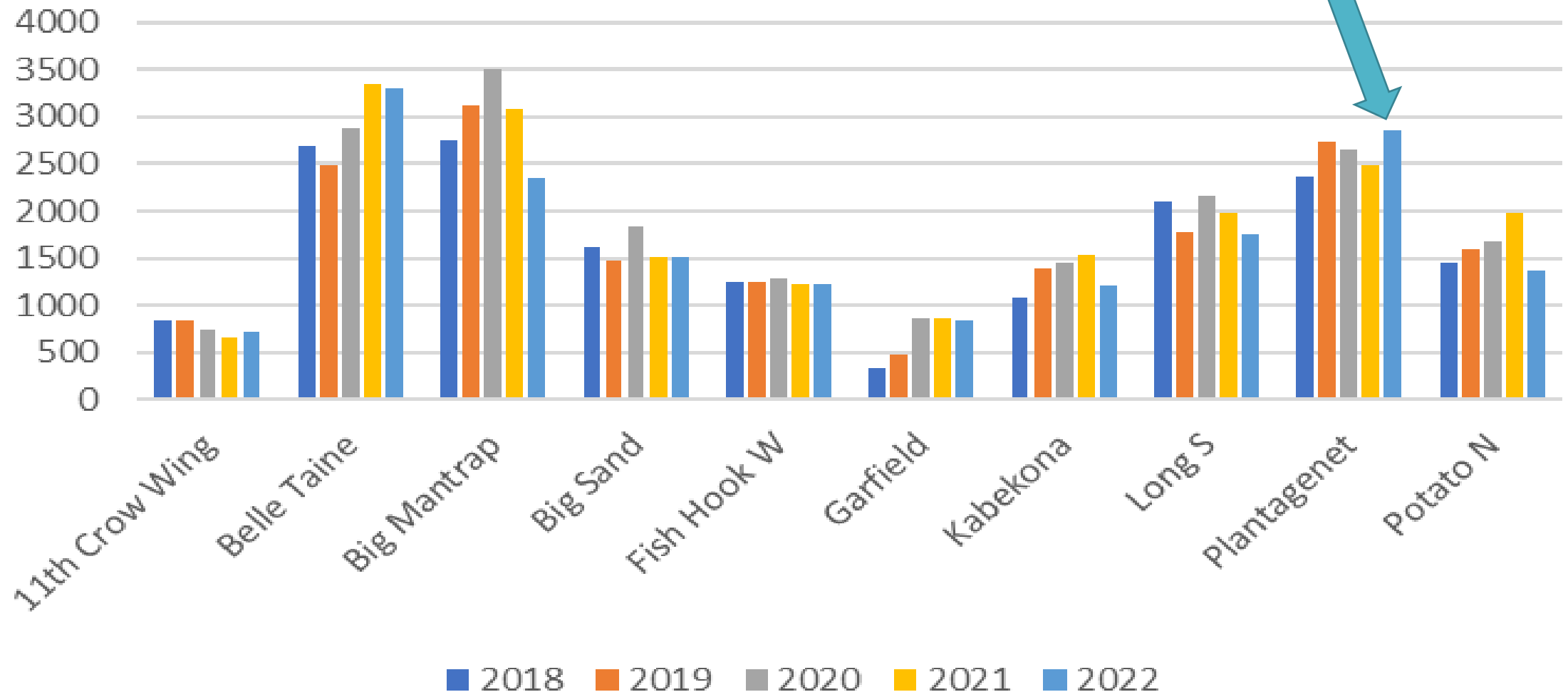
Overall Reduction in Boat Traffic

- Total inspection #'s – 5 year *LOW*
- Total inspection hours – 5 year *HIGH*
- Inspections / hour - reduced 13% from 2021



Top 10 Lake Trends

INCREASED



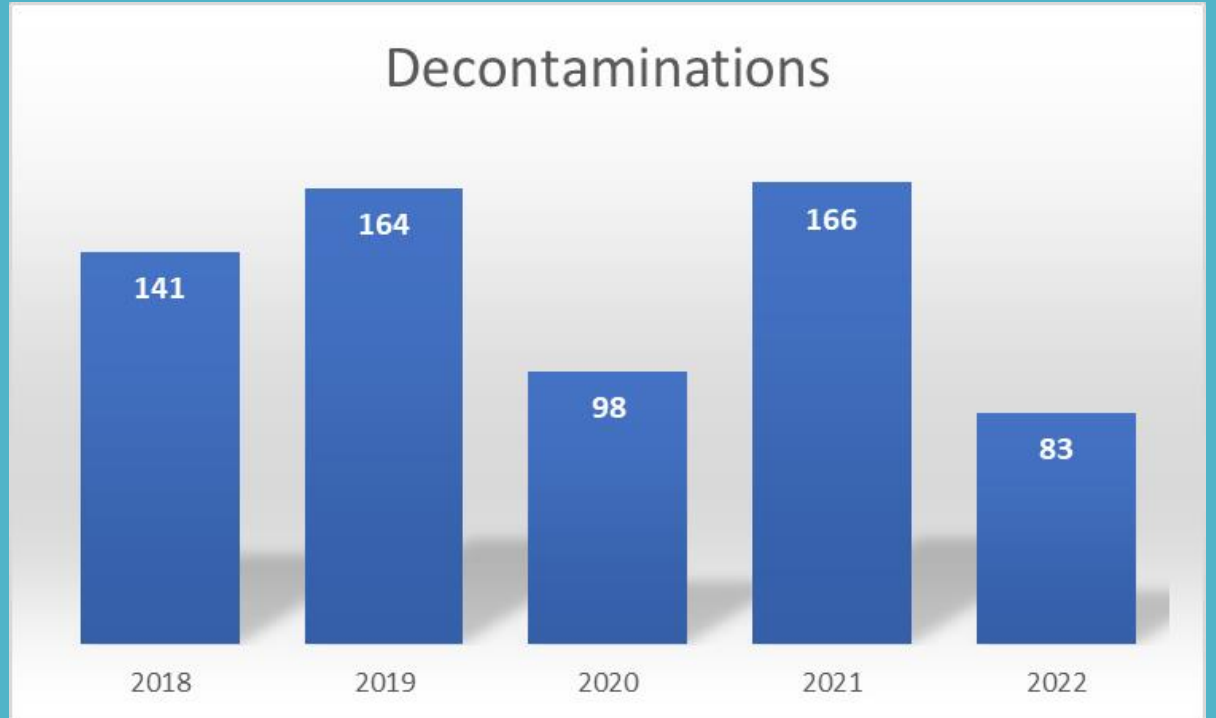
Hubbard County Watercraft Inspection Summary May - October 2022

Lakes of Concern

	Total Inspections	Total Entering	% Entering	Total Exiting	% Exiting	Total Courtesy	% Courtesy	Drain Plug In On Arrival	% With Drain Plug In	Plants, Animals, Water, or Mud Found	% With Plants, Animals, Water or Mud Found	Entering From Infested Waters	% Entering From Infested Waters	Entering From Infested Mussel	% Entering From Infested Mussel	Entering From Infested Stonewort	% Entering From Infested Stonewort	Entering From Infested State	% Entering From Infested State	Hours Scheduled	Hours Worked	Inspections per Hour
1st CW	103	61	59.22%	42	40.78%	-	-	-	-	2	3.28%	20	32.79%	7	11.48%	1	1.64%	6	9.84%	134	148	0.70
3rd CW	40	24	60.00%	16	40.00%	-	-	-	-	2	8.33%	10	41.67%	2	8.33%	-	-	3	12.50%	72	72	0.56
6th CW	212	127	59.91%	85	40.09%	-	-	-	-	2	1.57%	18	14.17%	8	6.30%	1	0.79%	27	21.26%	200	208	1.02
8th CW	251	141	56.18%	110	43.82%	-	-	-	-	9	6.38%	22	15.60%	13	9.22%	1	0.71%	28	19.86%	288	325	0.77
10th CW	46	24	52.17%	22	47.83%	-	-	-	-	1	4.17%	1	4.17%	-	-	-	-	3	12.50%	72	72	0.64
11th CW	726	431	59.37%	294	40.50%	1	0.14%	4	0.93%	-	-	61	14.15%	44	10.21%	2	0.46%	38	8.82%	520	543	1.34
Belle Taine	3311	1913	57.78%	1394	42.10%	4	0.12%	8	0.42%	51	2.67%	340	17.77%	201	10.51%	50	2.61%	351	18.35%	1784	1781	1.86
Benedict	358	185	51.68%	173	48.32%	-	-	6	3.24%	3	1.62%	134	72.43%	126	68.11%	88	47.57%	36	14.05%	288	312	1.15
Big Mantrap	2355	1345	57.11%	1008	42.80%	2	0.08%	1	0.07%	23	1.71%	703	52.27%	173	12.86%	58	4.31%	201	14.94%	1692	1528	1.54
Big Sand	1510	841	55.70%	669	44.30%	-	-	2	0.24%	12	1.43%	164	19.50%	86	10.23%	17	2.02%	110	13.08%	1100	1116	1.35
Big Stony	96	60	62.50%	36	37.50%	-	-	-	-	-	-	11	18.33%	6	10.00%	-	-	2	3.33%	104	112	0.86
Blue	128	89	69.53%	39	30.47%	-	-	-	-	-	-	10	11.24%	5	5.62%	2	2.25%	6	6.74%	144	144	0.89
Boulder	108	69	63.89%	39	36.11%	-	-	1	1.45%	1	1.45%	11	15.94%	5	7.25%	3	4.35%	12	17.39%	152	168	0.64
Decon Station	83	0	0.00%	0	0.00%	83	100.00%	-	-	-	-	39	46.99%	31	37.35%	8	9.64%	22	26.51%	-	-	-
Duck	237	124	52.32%	108	45.57%	-	-	2	-	2	1.61%	58	46.77%	16	12.90%	4	3.23%	11	8.87%	240	248	0.96
Eagle	242	151	62.40%	89	36.78%	-	-	4	2.65%	3	1.99%	11	7.28%	6	3.97%	1	0.66%	25	16.56%	224	232	1.04
East Crooked	167	93	55.69%	72	43.11%	-	-	-	-	3	3.23%	16	17.20%	8	8.60%	5	5.38%	15	16.13%	312	304	0.55
Emma	19	12	63.16%	7	36.84%	-	-	1	8.33%	-	-	3	25.00%	-	-	-	-	-	-	80	80	0.24
Fish Hook West	1236	695	56.23%	535	43.28%	-	-	2	0.29%	7	1.01%	98	14.10%	68	9.78%	19	2.73%	89	12.81%	776	807	1.53
Fish Hook River	239	141	59.00%	97	40.59%	-	-	7	4.96%	2	-	15	10.64%	8	5.67%	2	1.42%	13	9.22%	352	328	0.73
Garfield	832	445	53.49%	387	46.51%	-	-	14	3.15%	10	2.25%	338	75.96%	328	73.71%	47	10.56%	22	4.94%	546	552	1.51
George	186	112	60.22%	74	39.78%	-	-	9	8.04%	-	-	77	68.75%	11	9.82%	6	5.36%	10	8.93%	192	200	0.93
Island	140	84	60.00%	56	40.00%	-	-	1	1.19%	4	4.76%	14	16.67%	10	11.90%	1	1.19%	23	27.38%	152	160	0.88
Kabekona	1210	684	56.53%	510	42.15%	-	-	21	3.07%	45	6.58%	162	23.68%	137	20.03%	64	9.36%	95	13.89%	1008	1061	1.14
Little Sand	359	219	61.00%	138	38.44%	-	-	3	1.37%	1	0.46%	21	9.59%	11	5.02%	1	0.46%	48	21.92%	472	485	0.74
Long North	544	312	57.35%	228	41.91%	-	-	0	0.00%	4	1.28%	128	41.03%	109	34.94%	4	1.28%	80	25.64%	645	647	0.84
Long South	1754	985	56.16%	739	42.13%	1	-	17	1.73%	16	1.62%	341	34.62%	281	28.53%	12	1.22%	175	17.77%	1080	1098	1.60
Palmer	13	8	61.54%	5	38.46%	-	-	-	-	-	-	-	-	-	-	-	-	1	12.50%	56	56	0.23
Plantagenet	2857	1467	51.35%	1382	48.37%	-	-	6	0.41%	51	3.48%	405	27.61%	320	21.81%	279	19.02%	183	9.07%	1016	1024	2.79
Portage	154	90	58.44%	63	40.91%	-	-	-	-	-	-	7	7.78%	6	6.67%	1	1.11%	15	16.67%	144	152	1.01
Potato West	290	160	55.17%	129	44.48%	-	-	4	2.50%	3	1.88%	18	11.25%	11	6.88%	1	0.63%	38	23.75%	504	534	0.54
Potato North	1375	808	58.76%	561	40.80%	1	0.07%	2	0.25%	4	0.50%	164	20.30%	103	12.75%	17	2.10%	110	13.61%	996	990	1.39
Shallow	43	21	48.84%	22	51.16%	-	-	-	-	-	-	1	4.76%	-	-	-	-	2	9.52%	80	88	0.49
Spider	272	167	61.40%	104	38.24%	-	-	-	-	-	-	18	10.78%	7	4.19%	4	2.40%	20	11.98%	312	311	0.87
Upper Bottle	157	88	56.05%	69	43.95%	-	-	3	3.41%	-	-	53	60.23%	8	9.09%	2	2.27%	13	14.77%	296	302	0.52
Totals	21653	12176	56.23%	9302	42.96%	92	0.42%	118	0.97%	261	2.14%	3492	28.68%	2155	17.70%	701	5.76%	1773	14.56%	16033	16188	1.34
# Of Decontaminations	83	0.68%						Entering from DNR Designated Infested Waters					>20.00%		>20.00%		>20.00%					
								Does not include curly leaf pondweed, and invasives that are not included on the MN DNR Infested Waters List					>10.00%		>10.00%		>10.00%					

Decontamination Summary

- Located near the entrance of the Hubbard County Transfer Station
- Staffed May 14th through September 26th
 - On-call 7 days a week: 10 AM – 6 PM
- 83 decontaminations performed
 - Only half as many as last year



2022 AIS Infested Waters Updates

- Hubbard County: No new confirmations in 2022
 - Zebra Mussel violations at Plantagenet
 - *Early August, live zebra mussels found on incoming watercraft.*
 - *Mid September, dead zebra shells found on bunk trailer parked at the access.*
 - Eurasian Milfoil found on the boat ramp on Big Mantrap
 - *An unknown population closer to the access?*
 - SSW pulled from Big Wolf Lake – DNR
 - A single zebra mussel was found on Big Stony Lake
 - *DNR dives did not find anything more.*
 - *Cannot confirm a viable population.*

2022 AIS Infested Waters Updates

- In the neighborhood: Multiple new infestations
 - Beltrami County:
 - *Lake Bemidji: Starry Stonewort*
 - *Turtle River Lake: Starry Stonewort*
 - Cass County:
 - *Bowen: Starry Stonewort*
 - *Thunder: Zebra Mussels & Starry Stonewort*
 - Wadena County:
 - *Stocking: Faucet Snail*



Images courtesy MN DNR

2023 Planning: Goals and Objectives

- Increase the number of decontaminations:
 - Decon-specific radio advertisements
- Starry Trek 2023:
 - Sample “Lakes of Concern”
 - *Lakes getting increased boat traffic from SSW lakes*
 - Increase participation from other groups
 - *National honor society, Scouts, etc.*
- Partner with COLA to expand the Weedstick pilot program
- Conduct visits with local area resorts
 - Emphasize Starry Stonewort

2023 Funding: Items to note

- 2022 AIS Prevention Aid
 - \$262,672
- Lake Association/Township Supplemental Funding
 - Waiting on confirmation for staffing rates
 - Planning on implementing a rate increase to remain competitive & attract new inspectors
 - *45 inspectors hired, only 21 remained by mid-September*
 - Rough estimate of \$25/hr for 2023
- 2022 Payment Deadline: **January 31st, 2023**
 - Roughly 8,500 State funded hours expected.
 - Supplemental funding letters will go out in the next couple of weeks.

Questions?

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