



2019 Aquatic Invasive Species Prevention Program Summary

Watercraft Inspections and Decontaminations

- **Public Accesses:** Inspections at 17 public accesses on 6 lakes: Burntside, Ely, Gilbert Pit, Pelican, Shagawa and Vermilion
 - **2019 Goal:** 18,750 inspections plus 950 decontaminations
 - **2019 Actual:** 18,574 inspections (99% of stretch goal) plus 241 decontaminations (25% of stretch goal)
- **Private Accesses:** Continued a pilot project with the DNR to expand inspections to private accesses. Inspections were conducted by owners & employees at 13 resorts, campgrounds & marinas
 - **2019 Goal:** 7,800 inspections
 - **2019 Actual:** 2,273 inspections (29% goal)

2019 St. Louis County Watercraft Inspection and Decontamination Summary									
Number of Inspection: 20,847			Hours: 12,010		\$ of Wages Paid to 32 Employees: \$208,000				
Location	Total Number of Inspections	Surveyed 5x or more ¹	Spoke to Inspector within last month ²	Same Last Lake ³	Same Next Lake ⁴	Species Found Entering ⁵	Drain Plug Violation ⁶	Arriving from Out of State ⁷	Should be Deconed ⁸
Burntside	1,696	13.95%	40.39%	50.47%	51.83%	0.05%	0.37%	16.76%	10.79%
Ely	754	13.75%	42.40%	59.24%	59.53%	0.20%	4.08%	3.85%	12.67%
Gilbert	221	11.76%	63.80%	43.12%	53.29%	0.65%	0.65%	1.81%	6.28%
Pelican	1,137	14.57%	38.96%	46.27%	42.39%	1.03%	1.96%	18.27%	14.61%
Pelican Resorts	96	0.00%	39.38%	8.13%	3.75%	0.63%	0.00%	56.25%	7.78%
Shagawa	1,426	31.14%	47.05%	66.39%	69.70%	0.12%	0.60%	12.13%	9.68%
Vermilion	13,340	22.11%	41.14%	60.54%	63.16%	0.97%	2.53%	11.41%	5.17%
Vermilion Resorts	2,177	4.05%	48.38%	41.52%	38.67%	0.18%	0.17%	32.54%	17.99%
TOTAL	20,847	13.92%	45.19%	46.96%	47.97%	0.48%	1.29%	19.13%	10.62%

¹Surveyed 5x or More

The percent of time an inspector surveyed the same boater. Information is tracked by vehicle license plate. In some cases, it may be the same vehicle but a different person.

²Spoke to Inspector Within Last Month

The percent of time a surveyed boater said they spoke with an inspector within the last month.

³Same Last Lake

The percent of time a surveyed boater said the last lake they were on is the same lake they are launching in (last lake they launched in was Vermilion, they are getting ready to launch in Vermilion)

⁴Same Next Lake

The percent of time a surveyed boater entering the lake said the next lake they are going to launch in is the same lake they are launching in now (current lake they are launching in is Vermilion, the next lake they plan to launch in is Vermilion).

⁵Species Found Entering

The percent of time species were found during an entering inspection (plants, animals, water, mud etc.)

⁶Drain Plug Violation

The percent of time an entering watercraft arrived at the access with the drain plug in place.

⁷Arriving From Out of State

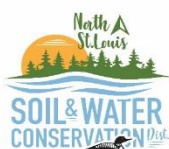
The percent of time an inspector surveyed a boater with a towing vehicle license plate from out of state. In some cases, it may be the same vehicle but a different person.

⁸Should Be Decontaminated

The percent of time an entering boater should be recommended a decontamination: if the last lake the boater was in, is not the lake they are entering or it's unknown, and the boat has been out of the water less than 5 days or it's unknown. In addition to the percent of time an exiting boater should be recommended a decontamination: if the next lake the boater will be visiting is not the current lake or it's unknown, and will be out of the water less than 5 days or it's unknown.

Collaboration with Other Counties and Jurisdictions

- **Boat Traffic Analysis:** Initiative Foundation grant to increase inspection efficiency at public accesses.
- **Multi-Region Resort Ambassador Program:** Initiative Foundation grant to expand prevention and early detection at resorts in Cass County, Itasca County and St. Louis County.
- **City of Ely:** City of Ely owns 2 decontamination units that were staffed by North St. Louis SWCD watercraft inspectors at Burntside Lake and Shagawa Lake.
- **Fayal Township and the City of Gilbert:** Collaborated with Fayal Township and the City of Gilbert for inspections and decontaminations at Ely Lake and Gilbert Pit.
- **Lake SWCD:** Established a shared services agreement with Lake SWCD for North St. Louis SWCD inspectors to inspect boats at Fall Lake, Snowbank Lake, and Moose Lake. 910 watercraft inspections were completed.
- **Fishing Tournaments:** Collaborated with DNR, 1854 Treaty Authority & Vermilion Lake Association to achieve close to a 100% inspection rate at tournaments at Fortune Bay Marina.



2020 Aquatic Invasive Species Prevention Program Goals

Watercraft Inspections and Decontaminations

- **Public Accesses:** Propose to expand inspections from 17 public accesses on 6 lakes, to 27 public accesses on 12 lakes with expansion to Bear Island, Birch, Crane, Johnson, Kabetogama, and One Pine.

Watercraft Inspection at Public Accesses Actuals and Goal					
	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Goal
Inspector Hours	7,063	8,340	9,324	7,826	8,620
Inspections	14,732	16,901	17,755	18,574	22,510
Efficiency per Hour	2.1	2.0	1.9	2.4	>2.6

- **Decontamination Units:** Will continue with 5 units. Four units will be set up at Burntside, Shagawa and Vermilion, Hoodoo Pt., and Vermilion, Dykes corner. The fifth unit will rotate between Ely Lake, Gilbert Pit and Pelican Lake.

Watercraft Decontaminations Actuals and Goal					
	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Goal
Burntside	132	298	127	41	100
Ely Lake	32	24			40
Gilbert Pit			15	7	20
Pelican					100
Shagawa		79	121	93	150
Vermilion	240	217	283	100	200
Total	404	618	546	241	610

- **Private Accesses:** Propose to expand from 12 resorts to 24 participating resorts

Watercraft Inspections at Private Accesses Actuals and Goal								
Location	2017 Actual		2018 Actual		2019 Actual		2020 Goal	
	# Resorts	Inspection Actual	# Resorts	Inspection Actual	# Resorts	Inspection Actual	# Resorts	Inspection Goal
Burntside Lake							1	50
Lake Kabetogama							2	100
Pelican Lake			3	123	2	96	4	200
Shagawa Lake							1	50
Lake Vermilion	10	3,107	13	6,433	10	2,177	16	3,500
TOTAL	10	3,107	16	6,556	12	2,273	24	3,900

Collaboration with Other Counties and Jurisdictions

- **Multi-Region Resort Ambassador Program:** Continue prevention and early detection at resorts in Cass County, Itasca County and the Vermilion region of St. Louis County.
- **Fayal Township and the City of Gilbert:** Collaborate with Fayal Township and the City of Gilbert for inspections and decontaminations at Ely Lake and Gilbert Pit.
- **City of Ely:** City of Ely owns 2 decontamination units that were staffed by North St. Louis SWCD watercraft inspectors at Burntside Lake and Shagawa Lake.
- **Fishing Tournaments:** Collaborate with the DNR, 1854 Treaty Authority and the Vermilion Lake Association to achieve close to a 100% inspection rate at all tournaments held at Fortune Bay Marina.
- **Lake SWCD:** Continue shared services agreement with Lake SWCD for NSL inspectors to inspect boats in Lake County. Burntside, Shagawa, and Fall are all connected and flow into the BWCAW. All 3 lakes are designated as spiny water flea infested waters. New collaboration with Lake SWCD to expand to WICOLA lakes and feeder lakes.
- **WICOLA:** Collaborate with White Iron Chain of Lakes Association to expand inspections to Bear Island, Birch, Johnson, and One Pine Lakes on the St. Louis county side. As well as to Farm, and White Iron Lakes on the Lake county side.
- **Voyageurs National Park & Association:** Collaborate with Voyageurs National Park & Association to expand inspections to Lake Kabetogama and Crane Lake.