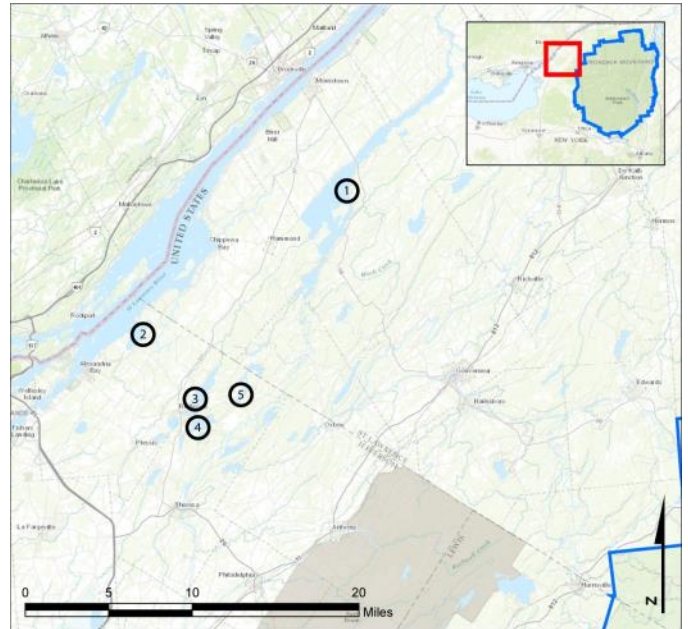


Location Use Data Summaries

Black Lake, Goose Bay (St. Lawrence River) and Indian River Lakes

AIS intercepted: 164
Boats inspected: 2,431
Number of visitors: 5,339
Boats failing inspection: 27.7%
Visitors showing spread prevention awareness: 82%
Number of previously visited waterways: 72

AIS Present in Waterbodies: Eurasian watermilfoil, curly-leaf pondweed, zebra mussels, European frogbit
Stewardship History: 2016-present
Partnerships: Black Lake Association; Goose Bay Reclamation Corporation; New York State Office of Parks, Recreation and Historic Preservation



1-Black Lake; 2-Goose Bay; 3-Butterfield Lake; 4-Millsite Lake; 5-Lake of the Woods

Watercraft	Boat Type									total # boats observed	total # boats inspected
	Barge	Canoe	Dock	Kayak	Motor	PWC	Row	Sail	SUP		
Black Lake	1	5	0	24	1921	53	3	2	0	2009	1966
percentage of total boats	0%	0%	0%	1%	96%	3%	0%	0%	0%	100%	98%
Butterfield Lake	0	3	0	22	67	4	0	0	0	96	96
percentage of total boats	0%	3%	0%	23%	70%	4%	0%	0%	0%	100%	100%
Lake of the Woods	0	0	0	6	2	0	0	0	0	8	8
percentage of total boats	0%	0%	0%	75%	25%	0%	0%	0%	0%	100%	100%
Millsite Lake	0	6	0	40	20	0	0	0	6	72	71
percentage of total boats	0%	8%	0%	56%	28%	0%	0%	0%	8%	100%	99%
St. Lawrence River - Goose Bay	0	1	0	16	255	21	4	0	0	297	290
percentage of total boats	0%	0%	0%	5%	86%	7%	1%	0%	0%	100%	98%
totals	1	15	0	108	2265	78	7	2	6	2482	2431
percentage of total boats	0.04%	1%	0%	4%	91%	3%	0.3%	0.1%	0.2%	100%	98%

Boats observed at launch, including those not inspected. PWC=personal watercraft, SUP=stand-up paddleboard.

	total # visitors	organisms found		total organisms	# boats dirty	# boats w/AIS	# of inspections	% of inspected boats dirty	% of inspected boats w/AIS
		entering	leaving						
Black Lake	4406	154	687	841	512	112	1966	26.0%	5.7%
Butterfield Lake	181	14	18	32	21	5	96	21.9%	5.2%
Lake of the Woods	15	1	0	1	1	0	8	12.5%	0.0%
Millsite Lake	100	5	8	13	7	1	71	9.9%	1.4%
St. Lawrence River - Goose Bay	637	86	125	211	133	21	290	45.9%	7.2%
totals	5339	260	838	1098	674	139	2431	27.7%	5.7%

Boats dirty = watercraft with any organic material, invasive, non-invasive or unknown.

Visitor Responses	AIS spread prevention awareness											# groups asked
	yes	I	WB	DB	BB	LW	Dis	Dry	same lake	first/frozen	didn't ask	
Black Lake	1623	991	933	687	9	113	0	72	206	201	50	1940
percentage of total groups asked	84%	51%	48%	35%	0%	6%	0%	4%	11%	10%	NA	
Butterfield Lake	46	20	18	1	0	2	0	5	5	6	0	82
percentage of total groups asked	56%	24%	22%	1%	0%	2%	0%	6%	6%	7%	NA	
Lake of the Woods	4	4	0	0	0	0	0	0	0	0	0	4
percentage of total groups asked	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	NA	
Millsite Lake	20	7	10	0	0	1	0	2	3	1	1	39
percentage of total groups asked	51%	18%	26%	0%	0%	3%	0%	5%	8%	3%	NA	
St. Lawrence River - Goose Bay	218	103	58	12	0	13	0	9	33	30	10	278
percentage of total groups asked	78%	37%	21%	4%	0%	5%	0%	3%	12%	11%	NA	
totals	1911	1125	1019	700	9	129	0	88	247	238	61	2343
percentage of total groups asked	82%	48%	43%	30%	0.4%	6%	0%	4%	11%	10%	N/A	

Yes = showed AIS spread prevention awareness; I = inspected boat; WB = washed boat; DB = drained bilge; BB = emptied bait bucket; LW = drained livewell; Dis = disposed of unused bait; Dry = dried boat; same Lake = boat only goes in this lake; first/frozen = first launch of season or frozen boat.

Organisms Removed	Organism Type																	total # AIS	
	AC*	BW	CLP*	ELO	EF*	GRS	EWM*	NM	UM	VLM*	MUD	NON	PND	SWF*	WC*	WL	ZM*		OTR
Black Lake	1	4	45	68	1	292	54	261	9	6	17	20	2	0	0	4	24	33	131
percentage of total orgs	0%	0%	5%	8%	0%	35%	6%	31%	1%	1%	2%	2%	0%	0%	0%	0%	3%	4%	
Butterfield Lake	0	0	0	0	0	9	3	5	1	0	0	4	0	0	0	0	4	6	7
percentage of total orgs	0%	0%	0%	0%	0%	28%	9%	16%	3%	0%	0%	13%	0%	0%	0%	0%	13%	19%	
Lake of the Woods	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
percentage of total orgs	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Millsite Lake	0	0	0	1	0	1	1	7	0	0	2	0	0	0	0	1	0	0	1
percentage of total orgs	0%	0%	0%	8%	0%	8%	8%	54%	0%	0%	15%	0%	0%	0%	0%	8%	0%	0%	
St. Lawrence River - Goose Bay	0	1	9	12	0	99	11	36	11	3	3	12	1	0	0	0	2	11	25
percentage of total orgs	0%	0%	4%	6%	0%	47%	5%	17%	5%	1%	1%	6%	0%	0%	0%	0%	1%	5%	
totals	1	5	54	81	1	402	69	309	21	9	22	36	3	0	0	5	30	50	164
percentage of total orgs	0.1%	0.5%	5%	7%	0.1%	37%	6%	28%	2%	1%	2%	3%	0.3%	0%	0%	0.5%	3%	5%	

AC = Asian clam; BW = bladderwort; CLP = curly-leaf pondweed; ELO = elodea; EF = European frogbit; GRS = grass; EWM = Eurasian watermilfoil; NM = native milfoil; UM = unknown milfoil; VLM = variable-leaf milfoil; MUD = mud; NON = non-aquatic debris; PND = native pondweed; SWF = spiny waterflea; WC = water chestnut; WL = water lily; ZM = zebra mussel; OTR = other; */AIS = aquatic invasive species.

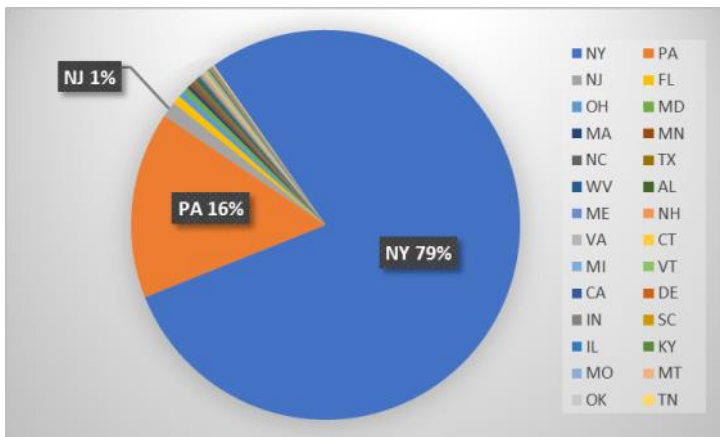
Aquatic Invasive Species Intercepted by Stewards	# found on boats launching	Previous Waterway	# found on boats retrieving	Previous Waterway
Asian clam	0	N/A	1	Black Lake (previously somewhere in Pennsylvania)
curly-leaf pondweed	19	Black Lake: None (7), Black Lake (4), St. Lawrence River (2), Butterfield Lake (1) St. Lawrence River: St. Lawrence River (5)	35	Black Lake (31) St. Lawrence River (4)
Eurasian watermilfoil	7	Black Lake: Black Lake (4) Millsite Lake: None (1) St. Lawrence River: St. Lawrence River (2)	62	Black Lake (50) Butterfield Lake (3) St. Lawrence River (9)
European frogbit	0	N/A	1	Black Lake (previously somewhere in Pennsylvania)
variable-leaf milfoil	1	Black Lake: None (1)	8	Black Lake (5) St. Lawrence River (3)
zebra mussel	8	Black Lake: None (4), Black Lake (1), Rental (1) Butterfield Lake: None (1) St. Lawrence River: St. Lawrence River (1)	22	Black Lake (18) Butterfield Lake (3) St. Lawrence River (1)
Totals	35		129	

Previous Waterways for Launching Boats	# visits
NONE	683
Black Lake	298
St. Lawrence River	129
Lake Ontario	28
Butterfield Lake	21
DID NOT ASK	21
Oneida Lake	16
RENTAL	16
Oswegatchie River	7
Cranberry Lake	6
Lake Erie	6
UNKNOWN (boater doesn't know)	6
Lake Bonaparte	5
Lake Champlain	5
Millsite Lake	5
Canandaigua Lake	4
Susquehanna River	4
Black River	3
Conesus Lake	3
Cossayuna Lake, Argyle, NY	3
Delta Lake	3
Grasse River	3
Harvey's Lake, Harveys Lake, PA	3
Higley Falls Reservoir (Higley Flow)	3
Honeoye Lake	3
Keuka Lake	3

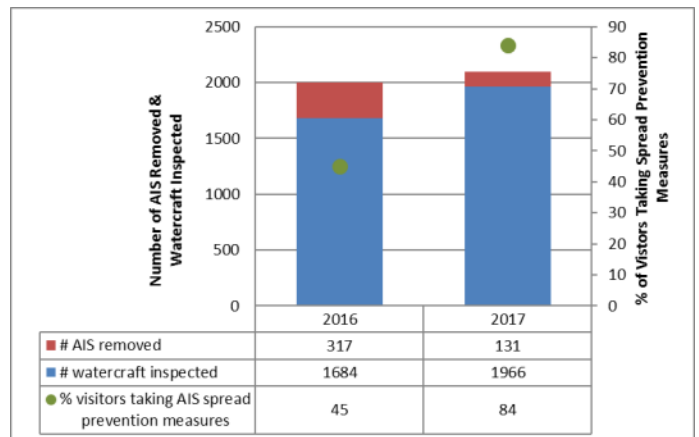
Previous Waterways for Launching Boats	# visits
Lake of the Woods	3
Otsego Lake	3
Raquette River	3
Saratoga Lake	3
Yellow Lake, St. Lawrence County, NY	3
Brant Lake	2
Cayuga Lake	2
Chesapeake Bay	2
Glenwood Lake, Ridgeway, NY	2
Hyde Lake, Theresa, NY	2
Indian River, Theresa, NY	2
Otisco Lake	2
Owasco Lake	2
Salmon River Reservoir, Redfield, NY	2
Sixberry Lake	2
Skaneateles Lake	2
somewhere in Pennsylvania	2
White Lake	2
Atlantic Ocean	1
Big Moose Lake	1
Blue Marsh Lake, Berks County, PA	1
Canadarago Lake	1
Chateaugay Lake	1
Clear Lake, Clare, NY	1
Crystal Lake, Theresa, NY	1
Delaware River	1

Previous Waterways for Launching Boats	# visits
DeRuyter Reservoir, DeRuyter, NY	1
Erie Canal	1
Foster Sayers Lake, Centre Cnty, PA	1
Great Sacandaga Lake	1
Hudson River	1
Lake Flower	1
Lake Norman, Westport, NC	1
Lamoka Lake, Tyrone, NY	1
Norwood Lake, Potsdam, NY	1
Oneida River	1
Oswego River	1
Otter Lake, Forestport, NY	1
Pleasant Lake, Macomb, NY	1
Rainbow Falls Reservoir	1
Red Lake, Theresa, NY	1
Rice Lake, Brighton, NY	1
Saranac River	1
Sherando Lake, South River, VA	1
somewhere in Delaware	1
somewhere in Maryland	1
somewhere in Michigan	1
Sugar Lake, Wayne Township, PA	1
Tupper Lake	1
Little York Lake, Cortland Cnty, NY	1
Upper Rideau Lake, Rideau Lakes, ON	1
Total groups	1361

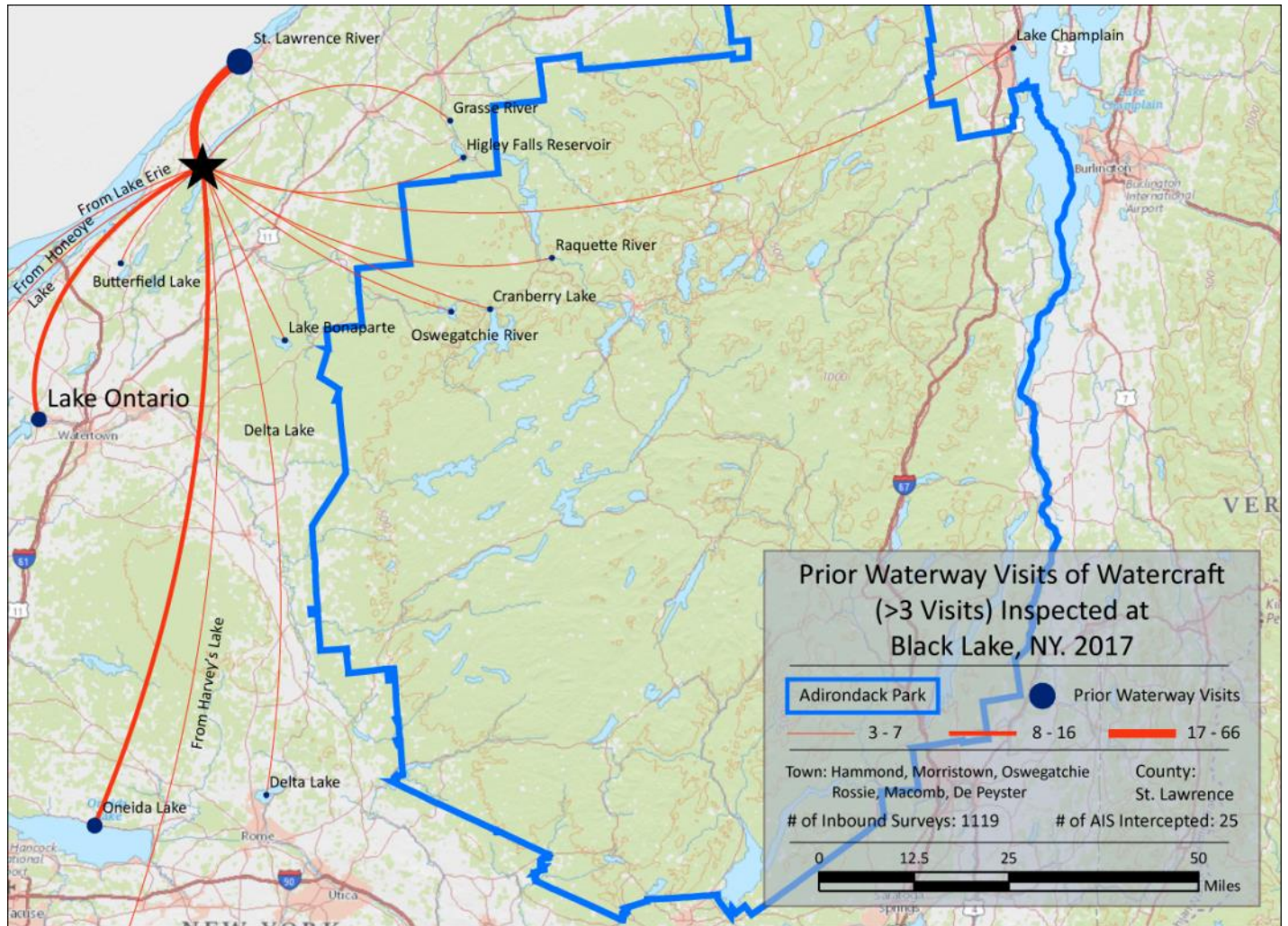
State of Motorized Boat Registration
(n=2,307)



Historical Trends (Black Lake only)



Location	First Day	Last Day	Total Days
Black Lake	27 May	3 Sept	69
Butterfield Lake	12 Aug	9 Sept	5
Lake of the Woods	19 Aug	19 Aug	1
Millsite Lake	12 Aug	20 Aug	3
St. Lawrence - Goose Bay	29 June	10 Sept	23



Black Lake Boat Launch