

## St. Lawrence Eastern Lake Ontario Partnership for Regional Invasive Species Management

**2018 Field Survey**  
**Whetstone Reservoir**  
 SLELO-PRISM Early Detection Surveillance  
 June 27<sup>th</sup>



*Report prepared by Sarah Kirkpatrick and Emma Gutierrez on June 28<sup>nd</sup>, 2018*

### Methods and Observations

**No Prevention “Watch-list” species were found in the 2018 survey.**

In June of 2018, SLELO Early Detection team members Sarah Kirkpatrick and Emma Gutierrez surveyed Whetstone Reservoir for aquatic invasive species using a rake toss technique and visual observations. Highly Probable Areas (HPAs) were selected based on habitat and human disturbance areas (Table 1) and accessed by canoe (Fig. 1). At each HPA, a weighted rake was tossed from either side of the canoe and dragged to collect plant specimens for identification. Surrounding water and landscape at each HPA was also scanned for visuals of aquatic and terrestrial invasives. No aquatic invasives were found at Whetstone Reservoir during the 2018 survey.



Fig. 1: Canoe path and HPA locations at Whetstone Reservoir

**Table 1:** Aquatic HPA descriptions, locations, and observations

HPA	Description	Latitude	Longitude	Throw	Depth (Ft.)	Invasives
1	Boat Launch	43.68328	-75.50929	1	2.5	0
				2	1	0
2	Boat Launch	43.6827	-75.5096	1	1	0
				2	1.5	0
3	Cove	43.6810	-75.5095	1	1	0
				2	1	0
4	Cove	43.6804	-75.5088	1	2	0
				2	1.5	0
5	Cove	43.6781	-75.5088	1	2	0
				2	2	0
6	Cove	43.6767	-75.5076	1	3.5	0
				2	3.5	0
7	Cove	43.6753	-75.5057	1	1	0
				2	1	0
8	Near Road/Sign	43.6739	-75.5051	1	2	0
				2	2	0
9	Cove	43.6740	-75.5107	1	1.5	0
				2	1.5	0
10	Near Shore	43.6724	-75.5125	1	1	0
				2	1.5	0
11	Marshy Area	43.6807	-75.5075	1	.5	0
				2	.5	0
12	Near Dam	43.6826	-75.5084	1	.5	0
				2	.5	0

Note: Canoes and equipment are disinfected with 10% bleach solution and allowed to air dry prior to surveying a new site.