

**Special Note**

*The partners of the SLELO PRISM have identified 24 Priority Conservation Areas on which we conduct early detection surveillance on a two year rotation. This report is to be considered as an addendum to the original field report.*

**2015 Field Survey  
Addendum to  
Delta Lake**

SLELO-PRISM Early Detection Surveillance  
July 21<sup>st</sup> 2015

*Report prepared by Caitlin Muller and Ben Hansknecht on July 22<sup>nd</sup>, 2015*



**Figure 1.** Panoramic view of the Delta Lake State Park Boat Launch (HPA 1). Photo taken by Caitlin Muller.

**Summary:**

Early Detection Team members Caitlin Muller and Ben Hansknecht surveyed previously established HPA's in Delta Lake (Figure 1). Delta Lake is located in Oneida County near Rome New York. An aquatic survey was conducted at each HPA including the DEC's public boat launch and the Teugega Country Club, and locations with shallow or slow-moving water. Aquatic surveys involved performing rake-tosses and making visual observations to determine what species were present (Figure 2). HPA 2 was not visited in 2015, following the reasoning set by previous visits to Delta Lake: unsuitable conditions for invasive aquatic vegetative species—steep banks and water depth—and safety concerns regarding its proximity to the



**Figure 2.** Rob Williams conducting a rake-toss at HPA 1. Photo taken by Caitlin Muller

overflow dam. Growth of aquatic plants appeared to be inhibited by the unusually cool and rainy season. Reduced and delayed growth in aquatic plants has also been observed at other sites during this year’s rotation.



**Figure 3.** Native crayfish found at HPA 8. Photo taken by Caitlin Muller.

**No Prevention “Watch-list” species were observed in 2015.** Identified but not labeled as invasive in the 2013 report, curly-leaf pondweed (*Potamogeton crispus*) was observed at HPA’s 1 and 8 in 2015. Previously observed Phragmites were found along HPA 8 in this survey. A survey for rusty crayfish (*Orconectes rusticus*) was also implemented at HPA 8. Only native crayfish were found (Figure 3).

Eurasian water milfoil (*Myriophyllum spicatum*), which was not observed in the 2013 survey, was observed in 2015. It was detected visually at HPA 1 and 5, and was further identified through the rake-toss at HPA 1 (Table 1). One species of pondweed, which was unable to be identified in the field, was found to be non-invasive.

Waypoint	Latitude	Longitude	Site Description	Throw	Depth	# of Species	# of Invasive	Invasive Species Present	Notes
HPA1	43.28551	-75.41729	Delta Lake State Park Boat Launch	1	7 feet	1	0	Eurasian Water Milfoil and Curly Leaf Pondweed	Visual: Curly Leaf Pondweed and Eurasian Water Milfoil
				2		3	2		
HPA3	43.27467	-75.4378	Country Club	1	14 feet	0	0		
				2		0	0		
HPA4	43.29226	-75.46586	Sheltered Cove	1	4.5 feet	3		? Pondweed	
				2		4		? Pondweed	
HPA5	43.29766	-75.45617	Cove Near Docks	1	5 feet	2	0		Visual: ? Pondweed and Eurasian Water Milfoil
				2		1	0		
HPA6	43.30948	-75.39623	Shallows	1	6 feet	1	0		
				2		2	0		
HPA7	43.28231	-75.44961	Sheltered Cove	1	7 feet	1	0		
				2		1	0		
HPA8	43.29937	-75.44517	Cove	1	6 feet	4	1	Curly Leaf Pondweed	Visual: ? Pondweed
				2		2	0		

Table 1. HPA locations and rake-toss results at Delta Lake.

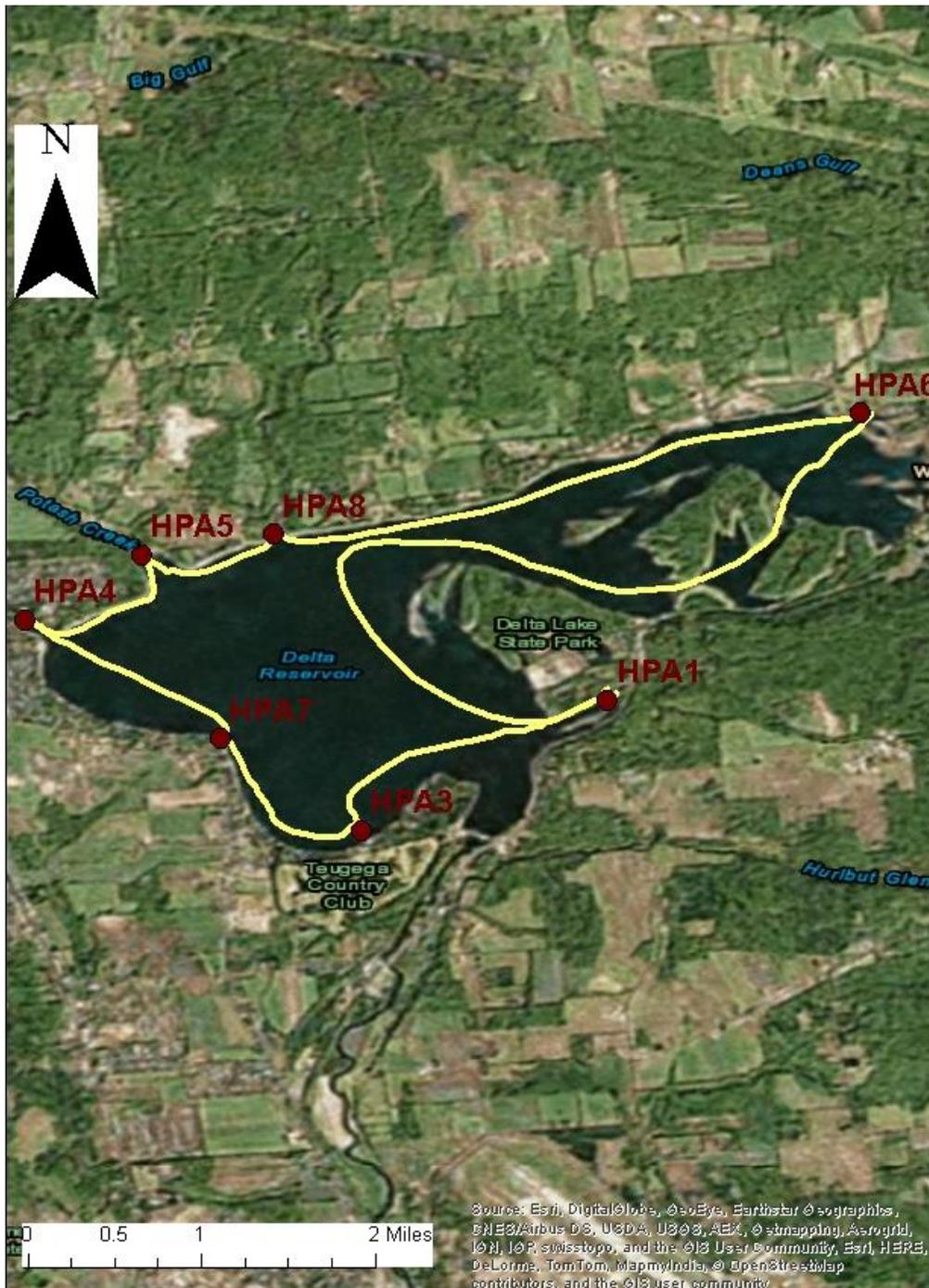


Figure 4. Map of the travel route and location of HPA's surveyed at Delta Lake.

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