

Salem Lakes Association Eurasian Water Milfoil Management Dive Report

Date: 7/27/19 Time: 8:30 – 11:30

Weather / Cloud Cover: Clear Temperature: 75

Winds (MPH, Direction): Variable 1 to 4

People participating (names): Dennis Bond, Saturn Roblee, & Ross Ogilvie

Tag index	Way-point name (temporary)	# of EWM plants found/Removed	Identifier (Buoy, Yellow flag, none)	Bottom Barrier (Number, Size)	Rebar (Number, length)	Depth (ft)
SLY001		0				
SLA009		0		previous		
SLY004	184	1	Y	previous		
SLY005	185	3	Y	previous		
SLY006	186	1	Y			
SLA017	187	6	Red Buoy	Needed		
SLY007	188	1	Y			3
SLA008		0				
SLY008	189	2	Y			5
SLA007		0				
SLA018	190	1	Red Buoy			8
SLY009	191	1	Y			
SLY010	192	1	Y			
SLA019	193	1	Red Buoy			
SLY011	194	1	Y			
SLY012	195	1	Y			
SLA020	196	11	Red Buoy	Needed		8
SLA021	197	2 not yet removed	Red Buoy			8
SLA022	198	2 not yet removed	Red Buoy			8

Lake Salem Dive Notes

Monday, 6.24.19

4th dive. About 2 hours. 9 am start. Dennis Bond boat pilot, Ed Wells diver's helper and diver, Rob Patton. Sunny with 6-10 mph wind out of the NW. Dive started by rechecking first matt placement location near boat launch. Diver placed a "pin" on lake bottom to mark an adjacent location in shallower water but no new buoy was added. The boat, affected by gusty winds, resulted in buoy rope getting caught around propeller. It was removed without damage to either but buoy was not replaced as our location was not maintained during removal of buoy rope. Two buoys remain at this location in addition to the original buoy in place since last season.

Two new buoys were placed by the "Campbell Clan" camp and 5 plants 2-4' were removed. One additional buoy placed just beyond this location in front of the Roberg? camp (formerly Aube). Bottom barrier to be placed here tomorrow. Diver was towed from this location along the shore in shallow water until in alignment with Sunken Island and camp with a Blue metallic roof. Today's route was recorded on Gaia GPS app located on Ed's device with added waypoints. No new EWM was found in route from Roberg to Sunken Island.

Tuesday, 6.25.19

5th dive. About 2 hours of diver towing and barrier placement. 9 am start Dennis Bond, Ed Wells, Rob Patton. Sunny with light winds out of NW. 2 barriers, 7x11' placed at Roberg camp location. 6 pieces of rebar were used from Derby Pond in addition to 2 of ours plus approximately 6-8, 3 footers also belonging to SLA. GPS route marking started by Clyde R inlet along Rt 105 shore to about Basil's camp. No EWM discovered.

Wednesday, 6.26.19

6th dive. 10 am start. About 1 hour and 40 minutes of diver towing. Dennis Bond, Ed Wells, Rob Patton. Sunny, light winds. Good water visibility today and past two days. Started at Basil's camp location with GPS recoding of route as we proceeded along shore to Sunken Island location. Diver located a single 24' EWM

plant with multiple stems. Buoy placed at this location to the left of town beach area. (This plant is preserved in a container at Wells camp for educational purposes.) Location of discovery is at bay entrance to a very settled camp area in extreme NW corner of lake, 100 yards +/- from shore in about 5-8' of water. Gaia GPS recording of route and waypoint taken at buoy location. The day ended by towing diver in front of boat launch area.

Goal for today: Survey from SLA001 (South of Hayward brook) to SLA016 (Clyde entrance).

Notes for the day: Surveyed and removed EWM plants from SLY001 (south of Hayward brook) south to SLA022 (roughly ~300 ft north of the boat launch).

A total of 31 EWM plants removed between SLY001 and SLA022. Four EWM plants remain at and need to be removed at SLA021 and SLA022.

Recommendations for next dive: Two Sections of barrier are needed at SLA017 and SLA020. These barriers should be about the same size as previous sections placed (3 sheets x 23 ft) . Need to remove 4 EWM plants at SLA021 and SLA022.

Salem Lakes Association Eurasian Water Milfoil Management Dive Report

Date: 8-3-19 Time: 8:30-11:30

Weather / Cloud Cover: clear. Temperature: 70's

Winds (MPH, Direction): SW 4-6

People participating (names): Saturn Roblee, Roger Cartee, Ed Wells

Tag index	Way-point name (temporary)	# of EWM plants found/Removed	Identifier (Buoy, Yellow flag, none)	Bottom Barrier (Number, Size)	Rebar (Number, length)	Depth (ft)
SL017	Lenny B camp	*	buoy	0	0	9'
SL018	"	*	"	"	"	"
SL019	"	*	"	"	"	"
SL020	"	*	"	"	"	"
SL021	"	*	"	"	"	"
SL022	Harlow/Roy camp.	4-5 ewm removed	Buoy	0	0	4-5' ?
SL023 and SL024	See Gaia GPX waypoint data	14-15ewm removed	Buoy	0	0	4-6' ?
SL025	By Silver Acres - white rental Camp. See	15-20 ewm removed	Buoy – red	0**	0	5-6'

	Gaia GPX waypoint data					
SL						
SL						
SL						

Goals for today: Survey site with diver near Lenny B camp where numerous EWM were located by volunteer snorkeler EW; Survey/harvest in “hot zone” (eastern shore from Clyde River Inlet north to Lenny B camp) with remainder of time.

Notes for the day: * two new buoys added to the 3 placed by EW earlier in week for a total of 5 #'s 17-21. Diver reports EWM density too numerous for accurate count. EWM spread over approx. 60” x 10’ area in 9’ of water.

** 2, 7x15’-20’ barriers recommended by diver for next dive. Surveyed near existing buoys in remainder of sand bar area by Clyde River inlet with 0 new ewm located. 4-5 ewm noticed near M Roy camp and Bright yellow camp with orange kayak during survey but were not harvested or buoyed due to boat movement in wind. Return another day.

Recommendations for next dive: harvest ewm and add barrier to dense cluster of plants at buoys 17-21; add barrier at buoy #25 in sand bar area

Salem Lakes Association Eurasian Water Milfoil Management Dive Report

Date: 8/4/19 Time: 9:30 AM

Weather / Cloud Cover: Clear Temperature: 69 Deg F

Winds (MPH, Direction): Variable 0-5 MPH

People participating (names): Ed Wells, Saturn Roblee, Ross Ogilvie, Paula Staples, Forrest Hammond, Jim Sullivan, Sherry Sullivan, Clair Roberts, Lisa Worden, Mike Worden

Tag index	Way-point name (temporary)	# of EWM plants found/Removed	Identifier (Buoy, Yellow flag, none)	Bottom Barrier (Number, Size)	Rebar (Number, length)	Depth (ft)
SLA018	198	Many Trimmed	green	19	6	10.5
SLA021	199	Many Trimmed	red	19	6	10.5
SLA017	200	Many Trimmed	Orange (removed)	Same as above	Same as above	10.5
SLA020	201	Many Trimmed	Green (removed)	Same as above	Same as above	10.5
SLA019	202	Many Trimmed	Orange (removed)	Same as above	Same as above	10.5

Goals for today: Harvesting and Placing Barrier around SLA017, SLA018, SLA019, and SLA021.

Notes for the day: _____

Recommendations for next dive: Use Air tanks and place two more Barriers at least 19 ft long along side of the barriers placed today.

Salem Lakes Association Eurasian Water Milfoil Management Dive Report

Date: 8-5-19 Time: 8am-1pm

Weather / Cloud Cover: mostly sunny Temperature: upper 60's to low 70's

Winds (MPH, Direction): N NW S 5-6 mph with gusts to approx. 8-10 mph

People participating (names): Ed & Susan wells (1 hr)

Tag index	Way-point name (temporary)	# of EWM plants found/Removed	Identifier (Buoy, Yellow flag, none)	Bottom Barrier (Number, Size)	Rebar (Number, length)	Depth (ft)
SL*	See Gaia way point GPX data	5-6 found	3Temporary green buoys	0	0	6' +-
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						

Goals for today: Survey lake in "hot zone" on Eastern shore from Lenny B's camp to boat launch

Notes for the day: This area survey by standing in a canoe surveying lake in a grid pattern using physical land marks on shore and in the water. Visibility was very good until 9:30 when wind kicked up. Visibility was still acceptable as wind was light. Good reliability.

Recommendations for next dive: __continue survey to Clyde River Inlet

Salem Lakes Association Eurasian Water Milfoil Management Dive Report

Date: 8-6-19 Time: 8a.m. – noon , 4 hours

Weather / Cloud Cover: _____ mostly sunny Temperature: 60’s to mid 70’s

Winds (MPH, Direction): N then S

People participating (names): Ed Wells

Tag index	Way-point name (temporary)	# of EWM plants found/ Removed	Identifier (Buoy, Yellow flag, none)	Bottom Barrier (Number, Size)	Rebar (Number, length)	Depth (ft)
SL027	By sandbar . see Gaia GPX way-point data	3-4 near surface	Red/round 9” buoy with anchor	0	0	5-6’?
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						

Goals for today: Survey lake from Willis home to Clyde River Inlet

Notes for the day: Survey from 1-2’ water to a depth where not plants were visible. Survey conducted while standing in a canoe with excellent water visibility.

A grid survey pattern was used using physical landmarks on shore. Confidence level in accuracy of survey is good to high. Large, thick green patches of algae covering other plant life noted at the mouth of Clyde inlet.

New EWM discovery at buoy site 027 which is approx. 20-30' east of buoy # 025 and in a straight line more or less with other EWM discoveries along the shoreline. A round 9" buoy was used at 027 for better boat visibility in this frequently traveled area.

Recommendations for next dive? Remove plants at Buoy 027 near sand bar approximately in front of the 2nd from right white rental camp

Goals for today:__Survey lake and harvest EWM from white buoy near Patnaud Camp and location in front of Jed Davis Camp off RT 105.

Notes for the day: 31 EWM removed between white buoy by temporary green buoy before Willis Home. 4-5 EWM removed in front of dock by Jed Davis's camp. GPS waypoint created on Gaia app. **Recommendations for next dive: continue to survey lake from green buoy in direction towards Clyde River inlet.**

Salem Lakes Association Eurasian Water Milfoil Management Dive Report

Date: 8-14-19 Time: 8 a.m. – 2 p.m.

Weather / Cloud Cover: sunny

Temperature: 70's

Winds (MPH, Direction): NW 4-5 mph

People participating (names): ed wells

Tag index	Way-point name (temporary)	# of EWM plants found/Removed	Identifier (Buoy, Yellow flag, none)	Bottom Barrier (Number, Size)	Rebar (Number, length)	Depth (ft)
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						
SL						

Goals for today: survey lake for

EWM

Notes for the day: _____ Survey started by Ted Davis's camp, ended by Mac's Cottages – second cottage from left facing from lake near existing buoy made from recycled jug. No EWM located

Recommendations for next dive: _____ Continue survey in NW direction _____

Goals for today: ____ grid survey area from Green Brook to area near Gary Slawson's camp, 200 yards +/-, east of an existing SLA buoy

Notes for the day: ____ Several camp owners were contacted during survey as opportunity presented itself and in an effort to inform camp owners. **Recommendations for next dive:** _remove EWM at marked sites; do more extensive survey of this area especially where EWM was located from boat _____

Participants:

Goals/Notes/Recommendations:



Goals: survey lake from Boulanger's to boat launch, remove suspected EWM at marked locations near Green Brook.

EWM found at Green Brook. The other two nearby sites contained only native water milfoil. Survey by Boulanger's yielded ewm near newly installed barrier. More emw located in grid search from this locations to red buoy just before boat access. Start here next time.

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Participants:

Goals/Notes/Recommendations:

Goals: Survey from boat launch area to Clyde River Inlet.

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