

HARVESTING REPORT

By AB Aquatics, Inc.

Location: Sandown, Phillips Pond

Dates: From: Monday, August 17, 2020; - To: Friday, August 21, 2020

Dates: From: Friday, October 2, 2020; - To: Thursday, October 08, 2020

Exotic Plants: Variable Milfoil

Diver(s): Nick Stutler

Crew: Hunter Torsey, Arron Weed, Evan Dorrington, Mike Anderson

August Amounts: 570 Total Gallons 28.50 Total hours worked

October Amounts: 760 Total Gallons 31.75 Total hours worked

Total Combined Amounts: 1,330 Total Gallons 60.25 Total hours worked

Detail report included (check): Excel spreadsheet ☒ Map(s) ☒ Other ☐

Report: **Monday 8/17:** Diver began at the southern shore of the lake's lower western peninsula, about 1,000 feet northeast of the launch site. Diver then scoured the shore through an area of heavy lily pads in a northeast to southwest pattern finding many small patches of plants typically ranging from 1 to 3 feet. Diver then rounded the small cove towards the southwest of the peninsula and continued scouring in a southeast to west pattern, finding similar concentrations of milfoil until stopping at the western end of the coves opening. Dive concluded.

Tuesday 8/18: Diver began just north of the small cove located in the northwestern area of the lake and continued northeast combing the shore in an east to northwest pattern until reaching the northern boundary of the lake, finding several small patches of milfoil ranging approximately 1-3 feet along the way. Diver then checked public beach area finding plants present but in much smaller concentration, and then continued southeast along the opposite shore. Dive concluded.

Wednesday 8/19: D-1; Diver began by the northeastern shore of Phillips pond approximately 100 feet southeast of the public beach area and scoured the coast in an east to southwest pattern, at first finding sparse individual plants then more dense concentrations in the lily pad covered area at the easternmost point of the northern cove. The diver then continued southwest and transitioned northeast along the northern coast of the eastern peninsula finding similar concentrations of milfoil ranging inches to 3 feet. Dive concluded. **D-2;** Diver began to the northwest of the peninsula located in the northeast area of the lake and scoured southwards in a southwest to east pattern finding several patches of plants ranging inches to 3 feet in a shallow rocky area of the coast. He then continued further south finding plants present but in fewer numbers. Diver then turned east to scour the southern coast of the peninsula finding few plants before turning northeast into the cove to the south of the peninsula, once again finding plants present in smaller numbers. Dive concluded.

Cont.

Thursday 8/20: D-1; Diver began in the cove located south of the peninsula located in the southeast area of the lake in thick lily coverage and checked around the entirety of its shoreline finding very little milfoil. Diver then continued south scouring the eastern shore in a west to southeastern pattern finding plants present but still in small concentrations at first, then in higher numbers near the shore, about 250 feet northeast of the island. Diver switched direction southwest along the shore towards the island and then northeast once reaching the island to circle it entirely, finding small patches of milfoil ranging inches to 3 feet in the rocky area off its western shore. Diver then returned to the channel in between the island and the ponds eastern shore finding no further plants. Dive concluded.

Thursday-D-2; Diver began off the eastern shore about 250 feet south of the island and scoured along the shore in a west to southeast pattern, finding several plants near the residential dock about 50 feet south of the starting point ranging from inches to 3 feet. Diver then continued southwest along the shore finding no further plants. Decision made to change spots due to unyielding traffic near docks. Dive resumed at southeastern corner of the pond on the southwest border of the large lily covered area, scouring around its perimeter northeast and then southeast finding several plants mixed in with native growth until reaching the open area of the southeast cove. Dive concluded.

Friday 8/21: Diver began at the southwestern corner of the pond about 200 feet northwest of the launch point and began heading southeast scouring the shore until reaching the southernmost point of the lake, finding a small number of scattered plants. Diver then continued westward along the shore scouring in a north to southeast pattern finding several isolated plants near residential docks ranging inches to 5 feet. Diver then continued searching around the edge of the large lily padded area in the southeast area of the lake finding several patches of milfoil scattered within the native growth before reaching the cove in the southeastern corner of the pond, where several more plants were found in the beach area, lily patches near the shore and around/underneath the residential docks. Diver then exited the cove and headed straight north along the eastern shore for about 50 feet finding no further plants. Dive concluded.

Friday 10/2: Diver started in NW corner of lake and began searching towards the East. Diver encountered abnormally poor visibility resulting in tighter search patterns. Encountered single plants and small to medium patches. Plants ranged from few inches to 4 feet.

Saturday 10/3: Diver continued working East and focused heavily on an area in S2 that a property owner reported plants during previous work week here. Finding multiple patches that almost connected. Diver did multiple loop backs due to silting resulting in zero visibility. Plants ranged from inches to several feet in length. Diver suggests that if time allows, he would like to review this area again.

Sunday 10/4: D-1; Diver started in beginning of section 5 and finished area by end of dive. Several plants 1-3 ft in length spaced across rocky point were harvested. **D-2;** Diver began working in small cove at beginning of section 6. Diver encountered fairly heavy growth at this point as it appeared to be a pinch point for wind/waves to drift into. Diver encountered abnormal amount of silt due to this and will examine area again before start tomorrow.

Monday 10/5: Diver picked up from previous day in S6 on the west side of the lake. Diver encountered the heaviest growth seen thus far on Phillips Pond in these sections. 5-10 feet wide patches of plants 1-4 feet long were found throughout the majority of the western coast directly outside of lily pads.

Cont.

Tuesday 10/6: **D-1;** Diver finished area marked by client on west side of the coast. Diver found several plants 1-3 feet long outside of lily pads. **D-2;** Diver harvested plants that were spotted by property owners. 7-8 small plants found in less than 1 ft of water. Diver also searched toward deeper water without finding additional plants.

Thursday 10//8: Diver did a final sweep of areas previously covered this week and earlier this summer. Found many single plants and several patches. Plants ranged from 6 inches to 5 feet.

By: Al Hoch ; Date submitted October 9, 2020

Summary Daily logs

Week ending August 22, 2019

Sandown Phillips Pond

Date	Vessel Used	Harvest locations	No. of Bags	Yield (Gal)	Bottom types	Density (1-4)	ABA DASH	Survey
Monday, August 17, 2020	20D4	Lower western peninsula, southern cove	8.00	160	Silt & native	3-1	4.00	
Tuesday, August 18, 2020	20D4	Upper western coast	4.50	90	Silt & native	2-1	6.25	
Wednesday, August 19, 2020	20D4	Upper eastern coast	5.00	100	Silt & native	3-1	3.50	
Wednesday, August 19, 2020	20D4	Upper northeastern peninsula & cove	4.00	80	Rock, silt, native	2-1	2.75	
Thursday, August 20, 2020	20D4	Southeastern third of pond to south	2.00	40	Rock, silt, native	2-0	4.50	
Thursday, August 20, 2020	20D4	Southern end of pond	3.00	60	Rock, silt, native	2-0	2.75	
Friday, August 21, 2020	20D4	Southwestern corner to southeastern end	2.00	40	Silt & native	2-0	4.75	
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Totals			28.50	570				
			bags	gallons	Current week dive hours		28.50	0.00
					Carry forward: over/ under hours		0.00	0.00
					Unbilled Hours		28.50	0.00
					Total Dive Days		4.75	0.00
		<< Date Invoice Number >>				Days		
					Carry forward: over/under hours		28.50	0.00

AB Aquatics, Inc.

Summary Daily logs

Week ending Oct 3, 2019

Sandown Phillips Pond

Date	Vessel Used	Harvest locations	No. of Bags	Cal'D Yield (Gal)	Bottom types	Density (1-4)	ABA DASH	Survey
				0				
Friday, October 2, 2020	20D4	S1 & S2 NW end	4.00	80	Silt & native	3-1	4.00	
Saturday, October 3, 2020	20D4	S3, S4, S5 NE end	8.00	160	Silt & native	3-1	5.25	
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Totals			12.00	240				
			bags	gallons	Current week dive hours	9.25	0.00	
					Carry forward: over/ under hours	28.50	0.00	
					Unbilled Hours	37.75	0.00	
					Total Dive Days	6.29	0.00	
		<< Date Invoice Number >>			Days			
					Carry forward: over/under hours	37.75	0.00	

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10/2 + 10/3 / 20



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10/4, 5, 6 + 8 2020

