

## LAKE WYOLA ADVISORY COMMITTEE

### -Minutes-

May 18, 2019 at 9:00 AM

Shutesbury Town Hall

Members Present: Catherine Hilton, Howard Kinder, Mark Rivers, and Bob Thompson

1. The Minutes from the April 20, 2019, meeting were reviewed and approved.

2. Membership

The June 2019 meeting will be Bob's last. A search for his replacement is ongoing.

3. Water testing

The first deep water tests were performed and the data is listed below. A motion to purchase a Secchi Disk viewer costing less than \$200 was approved. Mark will look for options.

4. Update on activities related to Lake Drive, South Laurel, and Shore Drive road runoff problems

Mark received a complaint from a Pine Drive resident regarding the road's storm water erosion. The Lake Wyola Association, which is responsible for association road maintenance, is developing a repair plan.

5. Update on the Status of the Wildlife Habitat Evaluation

Waiting on submerged plants to grow before second phase of the WHE can be scheduled.

6. Update on 2016 Lake Wyola Dam Inspection

Repair work is being planned in conjunction with the Locks Pond Road culvert repair which is predicted to be scheduled for August, 2020.

7. Update on State Park Water Testing

No updates were available

8. Status of Locks Pond Culvert project

Becky Torres provided an update. The town has been awarded a \$500,000 grant to replace the existing culvert, which is severely deteriorated. The estimated project cost for the engineering design and construction is approximately \$700,000. The town will pay the costs beyond above \$500,000. The 3-month project is projected to begin in August, 2020, with the road being closed for 1 to 2 weeks.

9. Continued discussion on enhancements to the Randall Road Boat ramp

Discussion is on the agenda for the next Select Board meeting.

10. Goose Egg Addling permit

Nests that have been located have been added. Volunteers are continuing to look for additional nests.

11. Elliott Park Dedication is scheduled for June 8

## Historical Water Tests

Below are a sample of historical tests data taken at 1 meter depth intervals from the center of the lake.

	Secchi	Depth to	Dissolved Oxygen					
Date	Depth	Bottom	Depth	Temp	D.O.	D.O.	Conduc-	pH
5/9/2019	(Meters)	(Meters)	(Meters)	(Celcius)	mg/L	%	tivity	
<b>5/9/2019</b>								
	4	10	0.1	15.5	9.5	95	31.1	4.85
			1	15.2	9.6	95	31.1	4.89
			2	15	9.5	94	31.3	4.95
			3	12	9.6	89	28.9	4.98
			4	10.7	9.8	87	25.9	4.82
			5	10.2	9.5	85	26.2	4.87
			6	9.8	9.6	84	26.4	4.85
			7	9.5	9.2	80	26.5	4.88
			8	8.5	8.1	69	26.9	4.84
			9	8	7.4	63	27.6	4.79
			10	7.9	6.8	58	27.6	4.77

Rain for past 5 days - Today sunny and breezy -- Barometer = 30.05

Date	Secchi	Depth to	Dissolved Oxygen			Conduc-	pH
	Depth	Bottom	Depth	Temp	D.O.		
	(Meters)	(Meters)	(Meters)	(Celcius)	(ppm)	tivity	
<b>5/20/2006</b>							
20-May-06	3.5	10.5	0.1	14.4	8.93	40.2	6.02
			1	14.3	8.9	40.1	5.98
			2	14.2	8.85	40.3	5.92
			3	14.2	8.88	40.6	5.74
			4	12.7	9	42	5.77
			4.5	12.4	8.94	41.1	5.34
			5	12.1	8.88	40.3	5.26
			5.5	11.8	8.73	38.8	5.08
			6	11.5	8.51	39	5
			6.5	10.7	7.25	44	4.9
			7	10.1	6.25	45.5	4.76
			7.5	9.9	5.61	45.8	4.63
			8	9.8	5.36	46.1	4.6
			8.5	9.7	5.2	46.4	4.6
			9	9.5	4.98	46.5	4.6

Date	Secchi	Depth to	Dissolved Oxygen			Conduc-	pH
	Depth	Bottom	Depth	Temp	D.O.		

	(Meters)	(Meters)	(Meters)	(Celcius)	(ppm)	tivity	
<b>May 19, 2001</b>							
	6	10.5	0.1	15.8	8.8	36.2	6.12
			1	15.7	8.75	36.3	5.88
			2	15.7	8.75	36.3	5.72
			3	15.5	8.73	36.2	5.63
			4	15.1	8.8	36.1	5.5
			4.5	11.9	10.09	30.8	5.33
			5	9.7	9.93	29.7	5.2
			5.5	8.5	9.35	28.9	4.65
			6	7.9	8.7	28.7	4.32
			6.5	7.4	7.4	28.6	4.12
			7	7.1	7	28.5	3.84
			7.5	6.9	6.6	28.4	3.81
			8	6.7	6.55	28.4	3.79
			8.5	6.7	5.73	28.5	3.75
			9	6.6	5.6	28.5	3.78

Next meeting is June 15<sup>th</sup>

Mark Rivers