Standard Chart for June 2019 water testing results

NH Department of Environmental Services Volunteer Lake Assessment Program Current Year Chemical and Biological Data

HALFMOON LAKE - ALTON

6/27/2019

Station ID	Station Name	Zone I	Depth	Startdate	Activity ID	Color	CI	Chl-a	EC	ANC	PH	ТР	Secchi		Cond	Turb
													NVS	VS		
HALALT28	Halfmoon Lake-Rt 28 Inlet			6/10/2019	2019-779		12.70				6.63	0.0335			67	2.36
HALALTB	Halfmoon Lake- Boys Camp			6/10/2019	2019-780				14.80							
HALALTCLV1	Halfmoon Lake- Culvert 1			6/10/2019	2019-785		45.40				6.79				175.80	2.30
HALALTD	Halfmoon Lake- Deep Spot	Comp	5M	6/10/2019	2019-784			4.45								
		Epi	ЗМ	6/10/2019	2019-775	50	14.80			5.10	6.62	0.0076	3.50	3.25	65.70	0.91
		Нуро	7M	6/10/2019	2019-776						6.20	0.0119			65.90	1.18
HALALTF	Halfmoon Lake- Fern Hill Inlet			6/10/2019	2019-777		14.80				6.52	0.0163			35.10	0.73
HALALTH	Halfmoon Lake- Horse Farm Inlet			6/10/2019	2019-778		22.40				6.18	0.0217			84.50	3.35
HALALTHWB	Halfmoon Lake- Hollywood Beach			6/10/2019	2019-781				32.70							
HALALTPUB	Halfmoon Lake- Public Beach			6/10/2019	2019-782				17.30							
HALALTR	Halfmoon Lake- Rustic Shores			6/10/2019	2019-783				44.10							

Please Note: pH (units), TP (mg/L) (ND = < 0.005 mg/L), Cond (UMHOS/cm), Secchi (M) VS = ViewScope, NVS=NonViewScope, EC = E. coli (cts/100mL), Turbidity (NTU), ANC (mg/L), Chloride (mg/L), Chl-A (mg/M3), Color is Apparent Color (PCU)

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The Summary Chart compares the June, 2019 results to 2018 results, NH standards, and other NH Lakes.

Halfmoon Lake Water Results June 2019													
	Annual 2018 Halfmoon Lake Avg. Value	June 2019 Halfmoon Lake Avg. Value	NH Desired Quality	NH Median Value	Rte 28 inlet	Boys Camp	Deep Spot	Fern Hill	Horse Farm inlet	Hollywood Beach	Public Beach	Rustic Shores	Culvert #1
Color	53	50	<80				50						
Chloride	12	24.35	<230	5			14.8	14.8	22.4				45.4
Chlorophyll	2.95	4.45	<5	4.39			4.45						
e-coli		27.225	<88			14.8				32.7	17.3	44.1	
Acid Neutralizing	5.4	5.1	>10.1	4.5			5.1			*******			
PH	6.83	6.555	6.5-8.0	6.6	6.63		6.62		6.18				6.79
Total Phosphorus	9	19.775	<20	11	33.5		7.6	16.3	21.7				
Secco (NVS)	4.08	3.5	n/a	3.3			3.5						
Conductuctivity	71.4	85.96	n/a	42	67		67.5	35.1	84.4				175.8
Turbidity	0.74	1.984	<10		2.36		1.18	0.73	3.35				2.3
Comment:	GFY												