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

HALFMOON LAKE - ALTON

9/30/2024

				Date	ID	Color	Cl	Chla	EC	ANC	ph	TotP	Secchi	Cond.	Turb	
HALALTD	Halfmoon Lake-Deep Spot	Meta	6M	7/23/2024	2024-2249						6.19	0.0159		58.7	1.43	
				8/20/2024	2024-3138						6.2	0.0135		87.3	1.8	
			7M	9/11/2024	2024-3740						6.45	0.0382	High (internal loading)	68	10.1	Turbid, ↑ high phos. stirred up bott. and released P
HALALTF	Halfmoon Lake-Fern Hill Inlet			6/11/2024	2024-696		6.63				6.68	0.0233		30	0.84	
				7/23/2024	2024-2251		6.51				5.94	0.059		32	3.88	
				8/20/2024	2024-3140		6.33				6.65	0.0253		55	1.14	
				9/11/2024	2024-3742		8.76				6.9	0.0289		42.7	2.36	
HALALTH	Halfmoon Lake-Horse Farm Inlet			6/11/2024	2024-695		30.1				6.33	0.0408	High	103.4	3.5	High
				7/23/2024	2024-2252		35.1				6.38	0.0609		100.7	5.06	
				8/20/2024	2024-3141		25.3	High			6.22	0.0418		100.4	High 4.26	
				9/11/2024	2024-3743		37.8				6.34	0.041		125.4	4.26	
HALALTHWB	Halfmoon Lake-Hollywood Beach			6/11/2024	2024-699				25.9							
				7/23/2024	2024-2256				23.1							
				8/20/2024	2024-3145				9.7							
				9/11/2024	2024-3745				10.9							
HALALTPUB	Halfmoon Lake-Public Beach			6/11/2024	2024-700				21.1							
				7/23/2024	2024-2258				9.6							
				8/20/2024	2024-3146				17.3							
				9/11/2024	2024-3746				3							
HALALTR	Halfmoon Lake-Rustic Shores			6/11/2024	2024-701				17.5							
				7/23/2024	2024-2257				16.9							
				8/20/2024	2024-3144				18.1							

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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HALFMOON LAKE - ALTON

9/30/2024

Station ID	Station Name	Zone	Depth	Startdate	Activity ID	Color	Cl	Chl-a	EC	ANC	PH	TP	Secchi		Cond	Turb
													NVS	VS		
HALALT28	Halfmoon Lake-Rt 28 Inlet			6/11/2024	2024-697		20.9				6.65	0.0462			91.3	3.79
				7/23/2024	2024-2253		14.5				6.22	0.0884	High		64.9	8.48
				8/20/2024	2024-3142		16.5				6.68	0.052			96.9	4.7
HALALTB	Halfmoon Lake-Boys Camp			6/11/2024	2024-698				13.5							
				7/23/2024	2024-2255				40.4							
				8/20/2024	2024-3143				9.7							
				9/11/2024	2024-3744				2							
HALALTD	Halfmoon Lake-Deep Spot	Comp	5M	6/11/2024	2024-702			5.34								
				7/23/2024	2024-2254			2.68								
				8/20/2024	2024-3147			3.7								
			7M	9/11/2024	2024-3747			5.51								
		Epi surface	2M	6/11/2024	2024-692	44	16.9			5.1	6.86	0.0108	3.5	4.05	61	1.09
			2.5M	7/23/2024	2024-2248	30	21.4				6.96	0.0064	4.25	5.25	58.4	0.5
				8/20/2024	2024-3137	35	19			5.4	6.74	0.0088	3.5	4.25	86.4	0.69
				9/11/2024	2024-3739	35	17.2			6	6.78	0.0096	5	5	65.7	0.95
		Hypo	7M	6/11/2024	2024-694						6.07	0.0119			59.6	1.15
		Bottom	8M	7/23/2024	2024-2250						6.19	0.0136			59.2	1.19
				8/20/2024	2024-3139						6.55	0.0318	High (internal loading)		97.9	9.85
				9/11/2024	2024-3741						6.51	0.0506			81.4	19.1
		Meta middle	4.5M	6/11/2024	2024-693						6.51	0.0133			60	0.98

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)