

NH Department of Environmental Services Volunteer Lake Assessment Program

Current Year Chemical and Biological Data

DEERING RESERVOIR - DEERING

9/22/2023

Station ID	Station Name	Zone	Depth	Startdate	Activity ID	Color	Cl	Chl-a	ANC	PH	TP	Secchi		Cond	Turb		
												NVS	VS				
DEEDRGC	Deering Lake-Center Inlet			5/23/2023	2023-416		9.08			6.81	0.0118			76.2	1.14		
				6/20/2023	2023-1144		14			6.86	0.0132			89	1.31		
				8/22/2023	2023-3436						0.0127						
DEEDRGCI	Deering Lake-Campbell Cove Inlet			8/22/2023	2023-3437		<3			7.09	0.0259			53	3.13		
					2023-3438		<3			7.09			54.6	2.94			
DEEDRGD	Deering Reservoir-Deep Spot	Comp	6M	6/20/2023	2023-1145			4.28									
			7M	5/23/2023	2023-417			2.38									
			8M	8/22/2023	2023-3439			2.37									
					2023-3440			2.08									
		Epi	3M	5/23/2023	2023-409	20	14.4			5.9	6.76			4.4	5.5	79.3	0.87
				6/20/2023	2023-1136	30	13.8			6.1	6.97	0.0096		4.25	5.25	86.8	1.32
			3.5M	8/22/2023	2023-3428	27	18.7			7.3	7.04	0.0083		4.7	5.75	82.5	0.68
		Hypo	9M	5/23/2023	2023-411						6.33	0.0112				87	0.83
				6/20/2023	2023-1138						6.28	0.0123				94.7	1.75
			10.5M	8/22/2023	2023-3430						6.5	0.0203				110.1	10.7
					2023-3433						6.39					105.9	10.9
		Meta	6M	6/20/2023	2023-1137						6.8	0.0102				88.3	1.39
			6.5M	5/23/2023	2023-410						6.62	0.0105				83	0.83
			8M	8/22/2023	2023-3429						6.19	0.011				90.4	1.15

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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DEEDRGI	Deering Reservoir- Main Inlet			5/23/2023	2023-412		20.5			6.55	0.0115			119.2	0.93
				6/20/2023	2023-1142		24.1			6.64	0.0113			138.4	0.67
				8/22/2023	2023-3434		31.4			6.36	0.0195			167.1	6.06
DEEDRGM	Deering Reservoir- Morotta Inlet			5/23/2023	2023-413		68.3			6.78	0.0138			30	1.08
				6/20/2023	2023-1141		70.7			6.87	0.0169			319	1.85
				8/22/2023	2023-3431		74.9			7	0.0173			320	5.23
DEEDRGO	Deering Reservoir- Outlet			5/23/2023	2023-415		11.3			6.85	0.0090			80.4	1.04
				6/20/2023	2023-1143		14.4			6.84	0.0082			86.5	0.79
				8/22/2023	2023-3432		16.3			6.97	0.0065			81.3	0.38
DEEDRGZ	Deering Reservoir- Zowski Inlet			5/23/2023	2023-414		16.8			6.84	0.0100			106.8	1.66
				6/20/2023	2023-1139		23			6.83	0.0131			136.1	1.09
				8/22/2023	2023-3435		19.9			7.04	0.0109			111	0.94

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