

WATER QUALITY REPORT
PEU/DANIELS LAKE, WEARE, NH
EPA # 2452010

VOLATILE ORGANIC CONTAMINANTS (b) (Units µg/L)

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	4/10/25	Chloroform	5.4	NR	4/10/25
1,1,1-Trichloroethane	< 0.5	NR	4/10/25	Chloromethane	< 0.5	NR	4/10/25
1,1,2,2-Tetrachloroethane	< 0.5	NR	4/10/25	cis-1, 2-Dichloroethylene	< 0.5	NR	4/10/25
1,1,2-Trichloroethane	< 0.5	NR	4/10/25	cis-1, 3-Dichloropropylene	< 0.5	NR	4/10/25
1,1-Dichloroethane	< 0.5	NR	4/10/25	Dibromochloromethane	1	NR	4/10/25
1,1-Dichloroethylene	< 0.5	NR	4/10/25	Dibromomethane	< 0.5	NR	4/10/25
1,1-Dichloropropylene	< 0.5	NR	4/10/25	Dichlorodifluoromethane	< 0.5	NR	4/10/25
1,2,3-Trichlorobenzene	< 0.5	NR	4/10/25	Diethyl ether	< 0.5	NR	4/10/25
1,2,3-Trichloropropane	< 0.5	NR	4/10/25	Diisopropyl Ether (DIPE)	< 0.5	NR	4/10/25
1,2,4-Trichlorobenzene	< 0.5	NR	4/10/25	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	4/10/25
1,2,4-Trimethylbenzene	< 0.5	NR	4/10/25	Ethylbenzene	< 0.5	NR	4/10/25
1,2-Dibromo - 3- chloropropane	< 0.5	NR	4/10/25	Hexachlorobutadiene	< 0.5	NR	4/10/25
1,2-Dibromoethane	< 0.5	NR	4/10/25	Isopropylbenzene	< 0.5	NR	4/10/25
1,2-Dichlorobenzene	< 0.5	NR	4/10/25	m/p - Xylenes	<1	NR	4/10/25
1,2-Dichloroethane	< 0.5	NR	4/10/25	Methylene chloride	< 0.5	NR	4/10/25
1,2-Dichloropropane	< 0.5	NR	4/10/25	Methyl-t-butyl-ether (MtBE)	< 0.5	NR	4/10/25
1,3,5-Trimethylbenzene	< 0.5	NR	4/10/25	Napthalene	< 0.5	NR	4/10/25
1,3-Dichlorobenzene	< 0.5	NR	4/10/25	n-Butylbenzene	< 0.5	NR	4/10/25
1,3-Dichloropropane	< 0.5	NR	4/10/25	n-Propylbenzene	< 0.5	NR	4/10/25
1,4-Dichlorobenzene	< 0.5	NR	4/10/25	o-Xylene	< 0.5	NR	4/10/25
2-Chlorotoluene	<0.5	NR	4/10/25	sec Butylbenzene	< 0.5	NR	4/10/25
4-Chlorotoluene	<0.5	NR	4/10/25	Styrene	< 0.5	NR	4/10/25
4-Isopropyltoluene	< 0.5	NR	4/10/25	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	4/10/25
Benzene	< 0.5	NR	4/10/25	Tert-Butyl Alcohol (TBA)	<10	NR	4/10/25
Bromobenzene	< 0.5	NR	4/10/25	Tert-Butylbenzene	< 0.5	NR	4/10/25
Bromochloromethane	< 0.5	NR	4/10/25	Tetrachloroethylene	< 0.5	NR	4/10/25
Bromodichloromethane	3.1	NR	4/10/25	Tetrahydrofuran	<10	NR	4/10/25
Bromoform	<0.5	NR	4/10/25	Toluene	< 0.5	NR	4/10/25
Bromomethane	< 0.5	NR	4/10/25	Total Trihalomethanes	9.5	NR	4/10/25
Carbon Disulfide	< 0.5	NR	4/10/25	Total Xylenes	< 0.5	NR	4/10/25
Carbon Tetrachloride	< 0.5	NR	4/10/25	Trans-1, 2-Dichloroethylene	< 0.5	NR	4/10/25
Chlorobenzene	< 0.5	NR	4/10/25	Trans-1, 3-Dichloropropylene	< 0.5	NR	4/10/25
				Trichloroethylene	< 0.5	NR	4/10/25
				Trichlorofluoromethane	< 0.5	NR	4/10/25
				Vinyl chloride	< 0.5	NR	4/10/25

SYNTHETIC ORGANIC CONTAMINANTS (b) (Units µg/L)

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	4/10/25	Glyphosate	< 10	700	4/10/25
2,4-D	< 1	70	4/10/25	Heptachlor	< 0.1	0.4	4/10/25
3-Hydroxycarbofuran	< 1	NR	4/10/25	Heptachlor Epoxide	< 0.1	0.2	4/10/25
Alachlor	< 0.1	2	4/10/25	Hexachlorobenzene	< 0.1	1	4/10/25
Aldicarb	< 1	3	4/10/25	Hexachlorocyclopentadiene	< 0.1	50	4/10/25
Aldicarb Sulfone	< 1	2	4/10/25	Lindane	< 0.1	0.2	4/10/25
Aldicarb Sulfoxide	< 1	4	4/10/25	Methiocarb	< 1	NR	4/10/25
Aldrin	< 0.1	NR	4/10/25	Methomyl	< 1	NR	4/10/25
Atrazine	< 0.1	3	4/10/25	Methoxychlor	< 0.1	40	4/10/25
Benzo(a)pyrene	< 0.1	0.2	4/10/25	Metolachlor	< 0.1	NR	4/10/25
Butachlor	< 0.1	NR	4/10/25	Metribuzin	< 0.1	NR	4/10/25
Carbaryl	< 1	NR	4/10/25	Oxamyl (Vydate)	< 1	200	4/10/25
Carbofuran	< 1	40	4/10/25	PCB Aroclor 1016	<0.08	NR	4/10/25
Chlordane	< 0.4	2	4/10/25	PCB Aroclor 1221	<0.08	NR	4/10/25
Dalapon	<1	200	4/10/25	PCB Aroclor 1232	<0.08	NR	4/10/25
Di (2-ethylhexyl) adipate	< 1	400	4/10/25	PCB Aroclor 1242	<0.08	NR	4/10/25
Di (2-Ethylhexyl) phthalate	< 1	6	10/9/25	PCB Aroclor 1248	<0.08	NR	4/18/24
Dibromochloropropane (DBCP)	< 0.02	0.2	4/10/25	PCB Aroclor 1254	<0.08	NR	4/10/25
Dicamba	< 0.5	NR	4/10/25	PCB Aroclor 1260	<0.08	NR	4/10/25
Dieldrin	< 0.1	NR	4/10/25	Pentachlorophenol	< 0.1	1	4/10/25
Dinoseb	< 1	7	4/10/25	Picloram	<2	500	4/10/25
Diquat	<1	NR	4/10/25	Propachlor	< 0.1	NR	4/10/25
Endrin	< 0.1	2	4/10/25	Propoxur (Baygon)	< 1	NR	4/10/25
Ethylene dibromide (EDB)	<0.02	0.05	10/9/25	Simazine	< 0.1	4	4/10/25
				Toxaphene	< 2	3	4/10/25

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0.2	15	4/24/15
Radium 226 & 228 (pCi/L)	0.2	5	4/24/15
Uranium (µg/L)	<1	30	4/18/24

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	10/30/2024
Copper (mg/L) 90th percentile sample	0.303	1.3	10/30/2024

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	4/10/25
Arsenic (mg/L)	0.0014	0.01	4/10/25
Barium (mg/L)	0.0072	2	4/10/25
Beryllium (mg/L)	<0.001	0.004	4/10/25
Cadmium (mg/L)	<0.001	0.005	4/10/25
Chromium (mg/L)	<0.001	0.1	4/10/25
Fluoride (mg/L)	<0.2	4	4/10/25
Mercury (µg/L)	<0.0001	0.002	4/10/25
Nitrate-N (mg/L)	<0.20	10	4/10/25
Nitrite-N (mg/L)	< 0.2	1	4/10/25
Selenium (mg/L)	<0.001	0.05	4/10/25
Thallium (mg/L)	<0.001	0.002	4/10/25
Cyanide (mg/L)	0.003	0.2	4/10/25

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	20	250	4/10/25
Fluoride (mg/L)	<0.2	2	4/10/25
Iron (mg/L)	0.013	0.3	4/10/25
Manganese (mg/L)	0.0024	0.05	4/10/25
pH (Standard Units)	6.98	6.5 – 8.5	4/10/25
Sulfate (mg/L)	4	250	4/10/25
Zinc (mg/L)	0.45	5	4/10/25

Microbiological Contaminants (a)

Contaminant	Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month	Monthly
E. coli	Absent	Absent	Monthly
Chlorine Residual Range (mg/L)	0.16 - 1.3		

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	7.6	80	7/6/23
Haloacetic Acids (µg/L)	4.2	60	7/6/23

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	40	4/10/25
Calcium (mg/L)	3.4	4/10/25
Copper (mg/L)	0.0081	4/10/25
Hardness, Total as CaCO ₃ (mg/L)	8.5	4/10/25
Magnesium (mg/L)	<1	4/10/25
Nickel (mg/L)	<0.001	4/10/25
Radon Gas (pCi/L)	127	10/22/24
Sodium (mg/L)	25.5	4/10/25

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
DA (ng/L)	<2.00	NR	5/17/23
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	5/17/23
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	18	4/18/24
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11	4/18/24
Perfluorooctanesulfonic acid (PFOS) (ng/L)	0.81	15	4/18/24
Perfluorooctanoic acid (PFOA) (ng/L)	1.65	12	4/18/24

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One bedrock well.

Treatment: Filtration to reduce iron and manganese; chlorine for disinfection and to aid in iron and manganese removal through the filtration process; sodium hydroxide to increase the pH and reduce corrosion; zinc orthophosphate to reduce corrosion.

KEY TO ABBREVIATIONS

AL Action Level - The concentration of a contaminant which, if exceeded triggers treatment of or other requirements which a water system must follow.

MCL Maximum Contaminant Level - The highest level of a contaminant that is allowed in drinking water.

SMCL Secondary Maximum Contaminant Level – These standards are developed to protect the aesthetic qualities of drinking water and are not health based characteristics (taste, odor, or color) of drinking water.

NR Not Regulated - Contaminants test for but not regulated by the State or EPA.

(a) samples taken from the distribution system.

(b) samples taken from the distribution entry point.

mg/L milligrams per Liter or parts per million.

µg/L micrograms per Liter or parts per billion.

ng/L nanograms per Liter or parts per trillion.

pCi/L picocuries per Liter (measure of radioactivity)

N/A Not Applicable **nd** not detected **BDL** Below Detection Level ≤ Less Than or Equal To < Less Than

CONTACT INFORMATION

If you have any questions about this report, or about your water quality, please call Matthew Day, Water Supply Manager, at 1-603-913-2377 or 1-800-553-5191.

Visit the state website for Dabiel 's Lake at <http://www4.des.state.nh.us/DESONestop/PWSDetail.aspx?ID=2452010>

Additional information about contaminants and their potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline 1-800-426-4791.