

WATER QUALITY REPORT

POWDER HILL

EPA # 0192050

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	<0.5	NR	10/14/21	Chloroform	1.7	80	10/14/21
1,1,1-Trichloroethane	<0.5	200	10/14/21	Chloromethane	<0.5	NR	10/14/21
1,1,2,2-Tetrachloroethane	<0.5	NR	10/14/21	cis-1, 2-Dichloroethylene	<0.5	70	10/14/21
1,1,2-Trichloroethane	<0.5	5	10/14/21	cis-1, 3-Dichloropropylene	<0.5	NR	10/14/21
1,1-Dichloroethane	<0.5	NR	10/14/21	Dibromochloromethane	0.7	80	10/14/21
1,1-Dichloroethylene	<0.5	7	10/14/21	Dibromomethane	<0.5	NR	10/14/21
1,1-Dichloropropylene	<0.5	NR	10/14/21	Dichlorodifluoromethane	<0.5	NR	10/14/21
1,2,3-Trichlorobenzene	<0.5	NR	10/14/21	Diethyl ether	<0.5	NR	10/14/21
1,2,3-Trichloropropane	<0.5	NR	10/14/21	Diisopropyl Ether (DIPE)	<0.5	NR	10/14/21
1,2,4-Trichlorobenzene	<0.5	70	10/14/21	Ethyl Tert-Butyl Ether (ETBE)	<0.5	NR	10/14/21
1,2,4-Trimethylbenzene	<0.5	NR	10/14/21	Ethylbenzene	<0.5	700	10/14/21
1,2-Dibromo - 3- chloropropane	<0.5	0.2	10/14/21	Hexachlorobutadiene	<0.5	NR	10/14/21
1,2-Dibromoethane	<0.5	NR	10/14/21	Isopropylbenzene	<0.5	NR	10/14/21
1,2-Dichlorobenzene	<0.5	600	10/14/21	m/p - Xylenes	<1	NR	10/14/21
1,2-Dichloroethane	<0.5	5	10/14/21	Methyl ethyl ketone (MEK) 2-Butanone	NT	NR	NT
1,2-Dichloropropane	<0.5	5	10/14/21	Methylene chloride	NT	5	NT
1,3,5-Trimethylbenzene	<0.5	NR	10/14/21	Methyl-t-butyl-ether (MtBE)	<0.5	13	10/14/21
1,3-Dichlorobenzene	<0.5	NR	10/14/21	Naphthalene	<0.5	NR	10/14/21
1,3-Dichloropropane	<0.5	NR	10/14/21	n-Butylbenzene	<0.5	NR	10/14/21
1,4-Dichlorobenzene	<0.5	75	10/14/21	Nitrobenzene	NT	NR	NT
2,2-Dichloropropane	NT	NR	NT	n-Propylbenzene	<0.5	NR	10/14/21
2-Butanone (MEK)	NT	NR	NT	o-Xylene	<0.5	NR	10/14/21
2-Chlorotoluene	<0.5	0.5	10/14/21	sec Butylbenzene	<0.5	NR	10/14/21
2-Hexanone	<10	NR	NT	Styrene	<0.5	100	10/14/21
4 Methyl-2-Pentanone (MIBK)	NT	NR	NT	Tert-Amyl Methyl Ether (TAME)	<0.5	NR	10/14/21
4-Chlorotoluene	<0.5	0.5	10/14/21	Tert-Butyl Alcohol (TBA)	<10	NR	10/14/21
4-Isopropyltoluene	<0.5	NR	10/14/21	Tert-Butylbenzene	<0.5	NR	10/14/21
Acetone	NT	NR	NT	Tetrachloroethylene	1	5	10/14/21
Benzene	<0.5	5	10/14/21	Tetrachloromethane	NT	NR	NT
Bromobenzene	<0.5	NR	10/14/21	Tetrahydrofuran	<10	NR	10/14/21
Bromochloromethane	<0.5	NR	10/14/21	Toluene	<0.5	1000	10/14/21
Bromodichloromethane	1.2	80	10/14/21	Total Trihalomethanes	NT	80	10/14/21
Bromoform	<0.5	80	10/14/21	Total Xylenes	<0.5	10,000	10/14/21
Bromomethane	<0.5	NR	10/14/21	Trans-1, 2-Dichloroethylene	<0.5	100	10/14/21
Carbon Disulfide	<0.5	NR	10/14/21	Trans-1, 3-Dichloropropylene	<0.5	NR	10/14/21
Carbon Tetrachloride	<0.5	5	10/14/21	Trichloroethylene	<0.5	5	10/14/21
Chlorobenzene	<0.5	100	10/14/21	Trichlorofluoromethane	<0.5	NR	10/14/21
Chloroethane	<0.5	NR	10/14/21	Vinyl chloride	<0.5	2	10/14/21

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	<0.25	50	8/12/20	Endrin	<0.1	2	8/12/20
2,4-D	<1	70	8/12/20	Ethylene dibromide (EDB)	<0.02	0.05	8/12/20
3-Hydroxycarbofuran	<1	NR	8/12/20	Glyphosate	<10	700	8/12/20
Alachlor	<0.1	2	8/12/20	Heptachlor	<0.1	0.4	8/12/20
Aldicarb	<1	NR	8/12/20	Heptachlor Epoxide	<0.1	0.2	8/12/20
Aldicarb Sulfone	<1	NR	8/12/20	Hexachlorobenzene	<0.1	1	8/12/20
Aldicarb Sulfoxide	<1	NR	8/12/20	Hexachlorocyclopentadiene	<0.1	50	8/12/20
Aldrin	<0.1	NR	8/12/20	Lindane	<0.1	0.2	8/12/20

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Atrazine	<0.1	3	8/12/20
Benzo(a)pyrene	<0.1	0.2	8/12/20
Butachlor	<0.1	NR	8/12/20
Carbaryl	<1	NR	8/12/20
Carbofuran	<1	40	8/12/20
Chlordane	<0.4	2	8/12/20
Di (2-ethylhexyl) adipate	<1	400	8/12/20
Di (2-Ethylhexyl) phthalate	<1	6	8/12/20
Dibromochloropropane (DBCP)	<0.02	0.2	8/12/20
Dicamba	<0.5	NR	8/12/20
Dieldrin	<0.1	NR	8/12/20
Dinoseb	<1	7	8/12/20

Alachlor	<1	7	8/12/20
Methomyl	<1	NR	8/12/20
Methoxychlor	<0.1	40	8/12/20
Metolachlor	<0.1	40	8/12/20
Metribuzin	<0.1	NR	8/12/20
Oxamyl (Vydate)	<1	200	8/12/20
Pentachlorophenol	<0.1	1	8/12/20
Picloram	<2	500	8/12/20
Propachlor	<0.1	NR	8/12/20
Propoxur (Baygon)	<1	NR	8/12/20
Simazine	<0.1	4	8/12/20
Toxaphene	<2	3	8/12/20

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<3	15	5/4/20
Radium 226 & 228 (pCi/L)	<1	5	5/4/20
Uranium (µg/L)	<1	30	5/4/20

**FIRST DRAW LEAD AND COPPER (a)**

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	9/22/2021
Copper (mg/L) 90th percentile sample	0.082	1.3	9/22/2021

**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	<0.001	6	8/12/20
Arsenic (µg/L)	<0.001	10	8/12/20
Barium (mg/L)	0.0122	2	8/12/20
Beryllium (µg/L)	<0.001	4	8/12/20
Cadmium (µg/L)	<0.001	5	8/12/20
Chromium (µg/L)	<0.001	100	8/12/20
Fluoride (mg/L)	0.67	4	8/12/20
Mercury (µg/L)	<0.001	2	8/12/20
Nitrate-N (mg/L)	0.231	10	9/14/22
Nitrite-N (mg/L)	0.011	1	9/14/22
Selenium (µg/L)	<0.001	50	8/12/20
Thallium (µg/L)	<0.001	2	8/12/20
Cyanide (mg/L)	<0.02	0.2	12/6/06

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	53	250	8/12/20
Fluoride (mg/L)	0.67	2	8/12/20
Iron (mg/L)	<0.01	0.3	8/12/20
Manganese (mg/L)	0.0057	0.05	8/12/20
pH (Standard Units)	7.5	6.5 – 8.5	8/12/20
Sulfate (mg/L)	18	250	8/12/20
Zinc (mg/L)	0.0012	5	8/12/20

**Microbiological Contaminants (a)**

Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month
E. coli	Absent	Absent
Chlorine Residual Range (mg/L)	0.2 - 1.0	

**DISINFECTION BY-PRODUCTS (a)**

Analyte	Results	MCL	Date
Total Trihalomethanes	4.5	80	8/4/22
Haloacetic Acids	5	60	8/4/22

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	30	8/12/20
Calcium (mg/L)	4.9	8/12/20
Copper (mg/L)	<0.001	8/12/20

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**Perfluorinated Chemicals (PFCs)**

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<1.75	NR	10/10/18
Perfluoroheptanoic acid (PFHpA) (ng/L)	<1.75	NR	10/10/18
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<1.75	18ppt	10/10/18
Perfluorononanoic acid (PFNA) (ng/L)	<1.75	11ppt	10/10/18
Perfluorooctane sulfonate (PFOS) (ng/L)	<1.75	70*	10/10/18
Perfluorooctanoic acid (PFOA) (ng/L)	4.84		10/10/18

\*PFOS + PFOA can not exceed 70 ng/L

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Hardness, Total as CaCO <sub>3</sub> (mg/L)	17.2	8/12/20
Magnesium (mg/L)	1.2	8/12/20
Nickel (µg/L)	<0.001	8/12/20
Radon Gas (pCi/L)		
Sodium (mg/L)	46	8/12/20

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:**

**Treatment:**

**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 Gary Tetley, Lab Director, at 1-603-913-2378 or 1-800-553-5191.

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.