

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	8/12/20	Chloroform	0.8	80	8/12/20
1,1,1-Trichloroethane	<0.5	200	8/12/20	Chloromethane	<0.5	NR	8/12/20
1,1,2,2-tetrachloroethane	<0.5	NR	8/12/20	cis-1, 2-Dichloroethylene	<0.5	70	8/12/20
1,1,2-Trichloroethane	<0.5	5	8/12/20	cis-1, 3-Dichloropropylene	<0.5	NR	8/12/20
1,1-Dichloroethane	<0.5	NR	8/12/20	Dibromochloromethane	0.8	80	8/12/20
1,1-Dichloroethylene	<0.5	7	8/12/20	Dibromomethane	<0.5	NR	8/12/20
1,1-Dichloropropylene	<0.5	NR	8/12/20	Dichlorodifluoromethane	<0.5	NR	8/12/20
1,2,3-Trichlorobenzene	<0.5	NR	8/12/20	Diiodomethane	<0.5	NR	8/12/20
1,2,3-Trichloropropane	<0.5	NR	8/12/20	Diisopropyl Ether (DIPE)	<0.5	NR	8/12/20
1,2,4-Trichlorobenzene	<0.5	70	8/12/20	Ethyl tert-Butyl Ether (ETBE)	<0.5	NR	8/12/20
1,2,4-Trimethylbenzene	<0.5	NR	8/12/20	Ethylbenzene	<0.5	700	8/12/20
1,2-Dibromo-3-chloropropane	<0.5	0.2	8/12/20	Hexachlorobutadiene	<0.5	NR	8/12/20
1,2-Dibromomethane	<0.5	NR	8/12/20	Isopropylbenzene	<0.5	NR	8/12/20
1,2-Dichlorobenzene	<0.5	600	8/12/20	m,p - Xylenes	<1	NR	8/12/20
1,2-Dichloroethane	<0.5	5	8/12/20	Methyl ethyl ketone (MEK) 2-Butanone	NI	NR	NI
1,2-Dichloropropane	<0.5	5	8/12/20	Methylene chloride	NI	5	NI
1,3,5-Trimethylbenzene	<0.5	NR	8/12/20	Methyl isobutyl ether (MIBE)	<0.5	13	8/12/20
1,3-Dichlorobenzene	<0.5	NR	8/12/20	Naphthalene	<0.5	NR	8/12/20
1,3-Dichloropropane	<0.5	NR	8/12/20	n-Butylbenzene	<0.5	NR	8/12/20
1,4-Dichlorobenzene	<0.5	75	8/12/20	Nitrobenzene	NI	NR	NI
2,2-Dichloropropane	NI	NR	NI	n-Propylbenzene	<0.5	NR	8/12/20
2-Butanone (MEK)	NI	NR	NI	o-Xylene	<0.5	NR	8/12/20
2-Chlorotoluene	<0.5	0.5	8/12/20	sec Butylbenzene	<0.5	NR	8/12/20
2-Hexanone	<10	NR	3/7/08	Styrene	<0.5	100	8/12/20
4 Methyl-2-Pentanone (MIBK)	NI	NR	NI	tert-Amyl Methyl Ether (TAME)	<0.5	10,000	8/12/20
4-Chlorotoluene	<0.5	0.5	8/12/20	Tert-Butyl Alcohol (TBA)	<10	NR	8/12/20
4-Isopropyltoluene	<0.5	NR	8/12/20	Tert-Butylbenzene	<0.5	NR	8/12/20
Acetone	NI	NR	NI	Tetrahydrofuran	1	5	8/12/20
Benzene	<0.5	5	8/12/20	Toluene	NI	NR	NI
Bromobenzene	<0.5	NR	8/12/20	Tetrahydrofuran	<10	NR	8/12/20
Bromochloromethane	<0.5	NR	8/12/20	Toluene	<0.5	1000	8/12/20
Bromodichloromethane	0.9	80	8/12/20	Total Trihalomethanes	1.7	80	8/12/20
Bromodibromomethane	<0.5	NR	8/12/20	Trichlorobenzene	<0.5	10,000	8/12/20
Bromomethane	<0.5	NR	8/12/20	Trans-1, 2-Dichloroethylene	<0.5	100	8/12/20
Carbon Disulfide	<0.5	NR	8/12/20	Trans-1, 3-Dichloropropylene	<0.5	NR	8/12/20
Carbon Tetrachloride	<0.5	5	8/12/20	Trichloroethylene	<0.5	5	8/12/20
Chlorobenzene	<0.5	100	8/12/20	Trichlorofluoromethane	<0.5	NR	8/12/20
Chloroethane	<0.5	NR	8/12/20	Vinyl chloride	<0.5	2	8/12/20

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-T (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-Hydroxycarboran	<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
Atrazine	<0.1	3	8/12/20	Methiocarb	<1	7	8/12/20
Benazobiprylene	<0.1	0.2	8/12/20	Methomyl	<1	NR	8/12/20
Butachlor	<0.1	NR	8/12/20	Methoxychlor	<0.1	40	8/12/20
Carbaryl	<1	NR	8/12/20	Metolachlor	<0.1	40	8/12/20
Carbaryl	<1	40	8/12/20	Metribuzin	<0.1	NR	8/12/20
Chlorane	<0.4	2	8/12/20	Osamyl (Vydate)	<1	200	8/12/20
Di (2-ethylhexyl) adipate	<1	400	8/12/20	Pentachlorophenol	<0.1	NR	8/12/20
Di (2-Ethylhexyl) phthalate	<1	6	8/12/20	Picloram	<2	500	8/12/20
Dibromochloropropane (DBCP)	<0.02	0.2	8/12/20	Propachlor	<0.1	NR	8/12/20
Dicamba	<0.5	NR	8/12/20	Propoxur (Baygon)	<1	NR	8/12/20
Dieldrin	<0.1	NR	8/12/20	Simazine	<0.1	4	8/12/20
Dinoseb	<1	7	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
Radon 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	0.001	15	8/29/2018
Copper (mg/L) 90th percentile sample	0.092	1.3	8/29/2018

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)	<0.2	10	8/12/20
Nitrite-N (mg/L)	<0.2	1	8/12/20
Selenium (µg/L)	<0.001	50	8/12/20
Thallium (µg/L)	<0.001	2	8/12/20

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)

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

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes	4.2	80	8/5/20
Halocetic Acids	5.5	60	8/5/20

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
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

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<1.75	NR	10/10/18
Perfluorohexanoic acid (PFHxA) (ng/L)	<1.75	NR	10/10/18
Perfluorooctanesulfonic acid (PFOS) (ng/L)	<1.75	NR	10/10/18
Perfluorononanoic acid (PFNA) (ng/L)	<1.75	NR	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

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.