

**WATER QUALITY REPORT**  
**WHITE ROCK SENIOR LIVING, BOW, NH**  
**EPA # 0262050**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	8/25/09	cis-1, 2-Dichloroethylene	< 0.5	70	8/25/09
1,1,1-Trichloroethane	< 0.5	200	8/25/09	cis-1, 3-Dichloropropylene	< 0.5	NR	8/25/09
1,1,2,2-Tetrachloroethane	< 0.5	NR	8/25/09	Dibromochloromethane	2.8	80	8/25/09
1,1,2-Trichloroethane	< 0.5	5	8/25/09	Dibromomethane	< 0.5	NR	8/25/09
1,1-Dichloroethane	< 0.5	NR	8/25/09	Dichlorodifluoromethane	< 0.5	NR	8/25/09
1,1-Dichloroethane	< 0.5	7	8/25/09	Diethyl ether	< 0.5	NR	8/25/09
1,1-Dichloropropylene	< 0.5	NR	8/25/09	Diisopropyl Ether (DIPE)	< 0.5	NR	8/25/09
1,2,3-Trichlorobenzene	< 0.5	NR	8/25/09	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	8/25/09
1,2,3-Trichloropropane	< 0.5	NR	8/25/09	Ethylbenzene	< 0.5	700	8/25/09
1,2,4-Trichlorobenzene	< 0.5	70	8/25/09	Hexachlorobutadiene	< 0.5	NR	8/25/09
1,2,4-Trimethylbenzene	< 0.5	NR	8/25/09	Isopropylbenzene	< 0.5	NR	8/25/09
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	8/25/09	m/p - Xylenes	< 0.5	NR	8/25/09
1,2-Dibromoethane	< 0.5	NR	8/25/09	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	8/25/09
1,2-Dichlorobenzene	< 0.5	600	8/25/09	Methylene chloride	< 0.5	5	8/25/09
1,2-Dichloroethane	< 0.5	5	8/25/09	Methyl-t-butyl-ether (MtBE)	< 0.5	13	8/25/09
1,2-Dichloropropane	< 0.5	5	8/25/09	Napthalene	< 0.5	NR	8/25/09
1,3,5-Trimethylbenzene	< 0.5	NR	8/25/09	n-Butylbenzene	< 0.5	NR	8/25/09
1,3-Dichlorobenzene	< 0.5	NR	8/25/09	Nitrobenzene	<10	NR	8/25/09
1,3-Dichloropropane	< 0.5	NR	8/25/09	n-Propylbenzene	< 0.5	NR	8/25/09
1,4-Dichlorobenzene	< 0.5	75	8/25/09	o-Xylene	< 0.5	NR	8/25/09
2,2-Dichloropropane	< 0.5	NR	8/25/09	sec Butylbenzene	< 0.5	NR	8/25/09
2-Chlorotoluene	<0.5	0.5	8/25/09	Styrene	< 0.5	100	8/25/09
2-Hexanone	<10	NR	8/25/09	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	8/25/09
4 Methyl-2-Pentanone (MIBK)	<10	NR	8/25/09	Tert-Butyl Alcohol (TBA)	<10	NR	8/25/09
4-Chlorotoluene	<0.5	0.5	8/25/09	Tert-Butylbenzene	< 0.5	NR	8/25/09
4-Isopropyltoluene	< 0.5	NR	8/25/09	Tetrachloroethylene	< 0.5	5	8/25/09
Acetone	<10	NR	8/25/09	Tetrachloromethane	< 0.5	NR	8/25/09
Benzene	< 0.5	5	8/25/09	Tetrahydrofuran	<10	NR	8/25/09
Bromobenzene	< 0.5	NR	8/25/09	Toluene	< 0.5	1000	8/25/09
Bromochloromethane	< 0.5	NR	8/25/09	Total Xylenes	< 0.5	10,000	8/25/09
Bromodichloromethane	1.5	80	8/25/09	Trans-1, 2-Dichloroethylene	< 0.5	100	8/25/09
Bromoform	2	80	8/25/09	Trans-1, 3-Dichloropropylene	< 0.5	NR	8/25/09
Bromomethane	< 0.5	NR	8/25/09	Trichloroethylene	< 0.5	5	8/25/09
Carbon Disulfide	< 0.5	NR	8/25/09	Trichlorofluoromethane	< 0.5	NR	8/25/09
Chlorobenzene	< 0.5	100	8/25/09	Vinyl chloride	< 0.5	2	8/25/09
Chloroethane	< 0.5	NR	8/25/09	<b>DISINFECTION BY-PRODUCTS (a)</b>			
Chloroform	0.5	80	8/25/09	Total Trihalomethanes	4.6	80	8/22/07
Chloromethane	< 0.5	NR	8/25/09	Haloacetic Acids	< 1	60	8/22/07

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	8/30/05	Endrin	< 0.1	2	8/30/05
2,4,5-TP (Silvex)	< 0.25	50	8/30/05	Ethylene dibromide (EDB)	< 0.02	0.05	8/30/05
2,4-D	< 1	70	8/30/05	Glyphosate	< 10	700	8/30/05
3-Hydroxycarbofuran	< 1	NR	8/30/05	Heptachlor	< 0.1	0.4	8/30/05
Alachlor	< 0.1	2	8/30/05	Heptachlor Epoxide	< 0.1	0.2	8/30/05
Aldicarb	< 1	NR	8/30/05	Hexachlorobenzene	< 0.1	1	8/30/05
Aldicarb Sulfone	< 1	NR	8/30/05	Hexachlorocyclopentadiene	< 0.1	50	8/30/05
Aldicarb Sulfoxide	< 1	NR	8/30/05	Lindane	< 0.1	0.2	8/30/05
Aldrin	< 0.1	NR	8/30/05	Methiocarb	< 1	7	8/30/05
Atrazine	< 0.1	3	8/30/05	Metolachlor	< 0.1	40	8/30/05
Benzo(a)pyrene	< 0.1	0.2	8/30/05	Methomyl	< 1	NR	8/30/05
Butachlor	< 0.1	NR	8/30/05	Methoxychlor	< 0.1	40	8/30/05
Carbaryl	< 1	NR	8/30/05	Metribuzin	< 0.1	NR	8/30/05
Carbofuran	< 1	40	8/30/05	Oxamyl (Vydate)	< 1	200	8/30/05
Chlordane	< 0.4	2	8/30/05	Pentachlorophenol	< 0.1	1	8/30/05
Di (2-ethylhexyl) adipate	< 1	400	8/30/05	Picloram	< 0.5	500	8/30/05
Di (2-Ethylhexyl) phthalate	< 1	6	8/30/05	Propachlor	< 0.1	NR	8/30/05
Dicamba	< 0.5	NR	8/30/05	Propoxur (Baygon)	< 1	NR	8/30/05
Dieldrin	< 0.1	NR	8/30/05	Simazine	< 0.1	4	8/30/05
Dinoseb	< 1	7	8/30/05	Toxaphene	< 2	3	8/30/05

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	8/16/07
Arsenic (µg/L)	<2	10	10/8/09
Barium (mg/L)	0.022	2	8/16/07
Beryllium (µg/L)	< 2	4	8/16/07
Cadmium (µg/L)	< 2	5	8/16/07
Chromium (µg/L)	< 10	100	8/16/07
Cyanide (µg/L)	< 20	200	8/16/07
Fluoride (mg/L)	0.56	4	8/16/07
Mercury (µg/L)	< 0.2	2	8/16/07
Nickel (µg/L)	< 10	100	8/16/07
Nitrate-N (mg/L)	< 0.2	10	8/25/09
Nitrite-N (mg/L)	< 0.05	1	8/16/07
Selenium (µg/L)	< 5	50	8/16/07
Thallium (µg/L)	< 1	2	8/16/07

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

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2008
Copper (mg/L) 90th percentile sample	0.210	1.3	2008

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	53	250	8/16/07
Fluoride (mg/L)	0.56	2	8/16/07
Iron (mg/L)	< 0.01	0.3	8/16/07
Manganese (mg/L)	0.024	0.05	8/16/07
pH (Standard Units)	7.57	6.5 – 8.5	8/16/07
Silver (µg/L)	< 4	100	8/16/07
Sodium (mg/L)	31.6	100-250	8/16/07
Sulfate (mg/L)	13.1	250	8/16/07
Zinc (mg/L)	0.016	5	8/16/07

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<2.5	15	10/24/07
Radon Gas (pCi/L)	2,750	None	10/8/09
Radium-226 (pCi/L)	0.1	5	10/24/07
Radium-228 (pCi/L)	<0.5	5	10/24/07
Uranium (µg/L)	16	30	8/25/09

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	136	8/16/07
Calcium (mg/L)	38.6	8/16/07
Copper (mg/L)	0.018	8/16/07
Hydrogen Sulfide (mg/L)	0.05	8/16/07
Lead (µg/L)	< 5	8/16/07
Magnesium (mg/L)	10.9	8/16/07
Specific Conductance (umhos/cm <sup>2</sup> )	463	8/16/07
Sulfide (mg/L)	0.2	8/16/07
Total Hardness as CaCO <sub>3</sub> (mg/L)	141	8/16/07

Microbiological Contaminants (c)	Results	MCL
Total Coliform	Absent	<5%/month
E. coli	Absent	Absent

**KEY TO ABBREVIATIONS**

**SOURCE WATER INFORMATION**

**Water Source:** Two bedrock wells.

**Treatment:** Sodium Hypochlorite to disinfect the water, aeration to remove radon from the water, Sodium Hydroxide to adjust pH to aid in corrosion control, Potassium Permanganate to oxidize iron and manganese for removal through greensand filters.

**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 - The highest level of a contaminant that affects the aesthetic 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.

**(c)** one bacteria sample per month collected from the distribution system.

**mg/L** milligrams per Liter or parts per million.

**µg/L** micrograms per Liter or parts per billion.

**pCi/L** picocuries per Liter (measure of radioactivity)

**N/A** Not Applicable     **nd** not detected     **BDL** Below Detection Level

**CONTACT INFORMATION**

If you have any questions about this report, or about your water quality, please call Gary Tetley, Water Quality Manager, 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