



VERMONT DEPARTMENT OF HEALTH LABORATORY

195 Colchester Ave., Burlington VT 05402-1125

802-863-7335 800-660-9997

TEST RESULTS

MARC MAHEUX
32 POKER HILL RD
PO BX 236
UNDERHILL VT 05489

C0301825

Page 1 of 2

Inorganic Chemistry Analysis of Water

Laboratory Results of Analysis

Lab number.: C0301825
Kit Type...: IA
Received...: 04/09/03 1152
Sampler....: MARC MAHEUX
Samp. Title: Operator
Purpose....: Compliance
Monitoring
Location...: CONTROL BLDG
Lab Comment:
Sub. Remark:

WSID #: 5096
JERICHO-UNDERHILL WATER
Collected: 04/09/03 0845
Town of...: UNDERHILL
Total Cl.:
Free Cl.: 0.23
Temp.....:

Test Category	Result	Limits	Units
Antimony	<0.001	0.006 MCL	mg/L
Arsenic	0.003	0.010 MCL	mg/L
Barium	<0.01	2.00 MCL	mg/L
Beryllium	<0.001	0.004 MCL	mg/L
Cadmium	<0.001	0.005 MCL	mg/L
Chromium	<0.01	0.100 MCL	mg/L
Cobalt	<0.01	No Limits Established	mg/L
Copper	<0.02	1.30 Action Limit	mg/L
Iron	<0.10	0.30 SMCL	mg/L
Lead	<0.001	0.015 Action Limit	mg/L
Manganese	0.139	0.050 SMCL	mg/L
Mercury	<0.0005	0.0020 MCL	mg/L
Molybdenum	<0.005	0.040 VHA	mg/L
Nickel	<0.01	0.100 VHA	mg/L
Selenium	<0.005	0.050 MCL	mg/L



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Test Category	Result -	Limits	Units
Thallium	< 0.001	0.002 MCL	mg/L
Uranium	< 0.002	0.020 MCL*	mg/L
Vanadium	< 0.005	No Limits Established	mg/L
Zinc	< 0.02	5.00 SMCL	mg/L
Fluoride	0.7	4.0 MCL	mg/L

Definitions:

ppm = parts per million, milligrams per liter (mg/L), units in mg/L unless otherwise noted.

MCL = Maximum Contaminant Level

SMCL = Secondary Maximum Contaminant (Fluoride has a Secondary Maximum Contaminant Level of 2.0 mg/L)

TON = Threshold Odor Number

TDS = Total Dissolved Solids

≥ = Equal To or Greater Than

NTU = Nephelometric Turbidity Units
Langelier Index > 0 is considered

non-corrosive, this is calculated umhos/cm = micromhos per centimeter

MBAS = Methylene Blue Active Substances

VHA = Vermont Health Advisory

< = Less Than

> = Greater Than

*Uranium tested by EPA method 200.8 may not be acceptable for compliance monitoring at this time.

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Date Reported: MAY 06 2003