

**VERMONT DEPARTMENT OF HEALTH LABORATORY**

Division of Health Surveillance

195 COLCHESTER AVENUE
BURLINGTON, VERMONT 05402-1125
863-7335 800-660-9997

LAB NO.

R02 822

DATE RECEIVED:

R02 822

WATER SAMPLE COLLECTION INFORMATION

REPORT TO BE SENT TO

5096 JERICHO-UNDERHILL WATER
MARC MAHEUX
32 POKER HILL RD
PO BX 236
UNDERHILL, VT 05489

2002 APR -5 A 11:08

DATE OF COLLECTION 4/5/02 MO. DAY YR.	HOUR AND MINUTE OF COLLECTION 9:40 ALSO CIRCLE AM OR PM ☒ AM ☐ PM	SAMPLE TAKEN IN TOWN OF Underhill	NAME OF PERSON TAKING SAMPLE Marc Maheux	DAY PHONE NO. (INCLUDE AREA CODE) 802 899-2660
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SUBMITTER'S REMARKS

LABORATORY REMARKS

KIT RL - RADIUM-226 IN WATER EPA
METHOD 903.0**NOTE: ONLY ORIGINAL WATER SAMPLE COLLECTION INFORMATION FORM
CAN BE SUBMITTED WITH SAMPLE. INCOMPLETE INFORMATION
ON THIS REQUEST FORM MAY RESULT IN THE EXAMINATION BEING
DELAYED OR THE SPECIMEN BEING REJECTED.**K#: 9520471
RL:
O#: 71767 040302 (W)
C#: 4330/72659**SECTION BELOW FOR REGULATED PUBLIC WATER SYSTEM USE ONLY**

WSD 5096	WATER SYSTEM NAME JERICHO-UNDERHILL WATER	SAMPLE LOCATION 32 Pokerhill Rd
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SAMPLER TITLE: (CHECK ONE)☒ OPERATOR ☐ HEALTH DEPT. ☐ HEALTH OFFICER ☐ STATE AGENCY ☐ OTHER**PURPOSE OF SAMPLE: (CHECK ONE)**TOTAL COLIFORM SAMPLE ☐ ROUTINE ☐ REPEAT ☐ REPLACEMENT ☐ OTHER**ALL OTHER SAMPLES: (CHECK ONE)**☒ COMPLIANCE MONITORING ☐ REPEAT ☐ OTHER**TYPE OF SAMPLE: (CHECK ONE)**☐ SOURCE ☒ DISTRIBUTION ☐ OTHER**FIELD DATA:**CHLORINE RESIDUAL: _____ mg/l FREE Cl₂ _____ mg/l TOTAL Cl₂ NOT: ☐ CHLORINATED ☒ MEASURED
TEMP: _____ ° F OR C (CIRCLE F OR C)**SAMPLE NOT ANALYZED BECAUSE:**☐ NO COLLECTION DATE ☐ INSUFFICIENT SAMPLE ☐ BROKEN IN TRANSIT ☐ IMPROPER SAMPLE CONTAINER ☐ KIT EXPIRED ☐ WE WERE UNABLE TO COMPLETE TESTING OF THIS SAMPLE
☐ TOO OLD TO TEST5096 JERICHO-UNDERHILL WATER
MARC MAHEUX**FOR LABORATORY USE ONLY**PRESERVATIVE: ☐ SODIUM ☐ COOL < 4°C ☐ NH₄CL

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R02-822

DATE RECEIVED:

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REPORT TO BE SENT TO

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

2002 APR -5 A 11:08

DATE OF COLLECTION

4/5/02

MO. DAY YR.

HOUR AND MINUTE OF COLLECTION

9:45

ALSO CIRCLE AM OR PM

SAMPLE TAKEN IN TOWN OF

Underhill

NAME OF PERSON TAKING SAMPLE

Marc Maheux

DAY PHONE NO. (INCLUDE AREA CODE)

802
899-2660

SUBMITTER'S REMARKS

LABORATORY REMARKS

RADIUM 228 IN WATER EPA METHOD 904.0

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K#: 9520472

RM

O#: 71767 040302 (W)

C#: 4330/72659

SECTION BELOW FOR REGULATED PUBLIC WATER SYSTEM USE ONLY

SID

5096

WATER SYSTEM NAME

JERICHO-UNDERHILL WATER

SAMPLE LOCATION

32 Pokerhill Rd

SAMPLER TITLE: (CHECK ONE)

OPERATOR



HEALTH DEPT.



HEALTH OFFICER



STATE AGENCY



OTHER

PURPOSE OF SAMPLE: (CHECK ONE)

TOTAL COLIFORM SAMPLE



ROUTINE



REPEAT



REPLACEMENT



OTHER

ALL OTHER SAMPLES: (CHECK ONE)COMPLIANCE
MONITORING

REPEAT



OTHER

TYPE OF SAMPLE: (CHECK ONE)

SOURCE



DISTRIBUTION



OTHER

FIELD DATA:CHLORINE RESIDUAL: _____ mg/l FREE Cl₂mg/l TOTAL Cl₂

NOT:



CHLORINATED



MEASURED

TEMP: _____ ° F OR C (CIRCLE F OR C)

SAMPLE NOT ANALYZED BECAUSE:

NO COLLECTION DATE



INSUFFICIENT SAMPLE



BROKEN IN TRANSIT

IMPROPER SAMPLE
CONTAINER

KIT EXPIRED

WE WERE UNABLE TO COMPLETE
TESTING OF THIS SAMPLE

TOO OLD TO TEST

5096 JERICHO-UNDERHILL WATER
MARC MAHEUX
32 POKER HILL RD

FOR LABORATORY USE ONLY

PRESERVATIVE:

SODIUM
CHLORIDE

COOL < 4°C

NH₄CL

VERMONT DEPARTMENT OF HEALTH LABORATORY
195 COLCHESTER AVENUE, P.O. BOX 1125, BURLINGTON, VT 05402-1125
(800) 660-9997 OR (802) 863-7336

TEST RESULTS
RADIONUCLIDES IN WATER

LAB NUMBER: R02-822
WSID NUMBER: 5096 Underhill
KIT TYPE: RL, RM
DATE ANALYZED: 05-10-02

TEST CATEGORY	RESULT	MCL	Units	METHOD
Gross Alpha		*	pCi/L	EPA 900.0, EERF 00-02
		(* results above 5 pCi/L require further testing)		
Gross Beta		50	pCi/L	EPA 900.0
Tritium		20,000	pCi/L	EPA 906.0
Radon		none	pCi/L	EPA 913.0
Radium-226	<u>< 0.11</u>	5 (combined with Ra-228)	pCi/L	Std Method 7500 Ra-B
Radium-228	<u>< 0.16</u>	5 (combined with Ra-226)	pCi/L	EERF Ra-05
Total Uranium		none	pCi/L	
Adjusted Gross Alpha		15	pCi/L	
Gamma Radionuclides		none	pCi/L	EPA 901.1
			pCi/L	
			pCi/L	
			pCi/L	

Definitions

MCL = Maximum Contaminant Level, measured in pCi/L

< = Less Than

pCi/L = picoCuries per Liter

Reported results for radionuclides in water are expressed as picoCuries per liter (pCi/L) of water. A picoCurie is a standard unit for measuring radioactivity and is one trillionth of a curie. Both Curies and picoCuries are measurements based on how much of the radioactive substance disintegrates or "decays". Due to the random nature of radioactive decay and the length of time between sampling and analysis, it is never possible to determine the exact level of radioactivity. The first number of the pair on the report represents the measured level of radiation. The number following the "+/-" represents the possible variation above or below the measured level. This comes from a calculation of the precision of the test result.

If you need additional clarification of your results or further information concerning methods of corrective action, please contact the Health Protection Division at 108 Cherry St., Burlington, VT 05401 or telephone 1-800-439-8550 (Drinking Water option) or 802-652-0358. Thank you for using our laboratory.

This is a public record. Information contained in this record may be used for statistical purposes, and may be released upon request, pursuant to Vermont access to Public Documents Law (1. V.S.A. 315 -320.) Results relate only to the items tested. This report shall not be reproduced, except in full, without the written approval of the Laboratory.

DATE REPORTED: MAY 14 2002

REPORTED BY: C. Karch

CHEM 304 rev 5 August 2000

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