VERMONT DEPARTMENT OF HEALTH LABORATORY

Division of Health Surveillance
195 COLCHESTER AVENUE
BURLINGTON, VERMONT 05402-1125
863-7335 800-660-9997

WATER SAMPLE COLLECTION INFORMATION

LAB N 11V 004
LITS N
DATE RECEIVED:

2010 JUL 13 P 1:20

10-20720

REPORT TO BE SENT TO

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

DATE OF COLLECTION	HOUR AND MINUTE OF COLLECTION	SAMPLE TAKEN IN TOWN OF	NAME OF PERSON TAKING SAMPLE	DAY PHONE NO. (INCLUDE AREA CODE)
7 13 10 (MO. DAY YR.)	9:45 AM PM (ALSO CIRCLE AM OR PM)	Underhill	Marc Maheux	802 899 3846

SUBMITTERS REMARKS

LABORATORY REMARKS

Kit for VOC - Public Water Supplies -- EPA Method 524.2

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#: 9672252
OA
O#: 123187 070910(W)
C#:5920/124079

SECTION BELOW FOR REGULATED PUBLIC WATER SYSTEM USE ONLY

WSID	WATER SYSTEM NAME	SAMPLE LOCATION: Poker Hill Tank
5096	JERICHO-UNDERHILL WATER	SAMPLING POINT ID: Sample Tap

SAMPLER TITLE: (CHECK ONE)
[X] OPERATOR [ ] HEALTH DEPT. [ ] HEALTH OFFICER [ ] STATE AGENCY [ ] OTHER ____

PURPOSE OF SAMPLE: (CHECK ONE)
TOTAL COLIFORM SAMPLE [ ] ROUTINE [ ] REPEAT/ORIGINAL SAMPLE LAB NO. ____ [ ] REPLACEMENT [ ] OTHER ____

ALL OTHER SAMPLES: (CHECK ONE) [X] COMPLIANCE MONITORING [ ] REPEAT/ORIGINAL SAMPLE LAB NO. ____ [ ] OTHER ____

TYPE OF SAMPLE: (CHECK ONE) [ ] ENTRY POINT [ ] SOURCE [ ] DISTRIBUTION [X] OTHER Tank Sample Tap

FIELD DATA:

CHLORINE RESIDUAL: ____ mg/l FREE Cl_2 ____ mg/l TOTAL Cl_2 NOT: [ ] CHLORINATED NOT: [X] 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
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FOR LABORATORY USE ONLY

PRESERVATIVE: [ ] SODIUM SULFITE [ ] COOL < 4°C [ ] NH_4CL
[ ] NONE [X] HCl [ ] HNO_3 [ ] H_2SO_4
[ ] TEMP 13.3 °C [ ] SODIUM THIOSULFATE [X] ASCORBIC ACID

CHEM 202 (11/05

VERMONT DEPARTMENT OF HEALTH LABORATORY
195 Colchester Ave., Burlington VT 05402-1125
802-863-7335 800-660-9997

TEST RESULTS

ANALYSIS OF WATER FOR VOLATILE ORGANIC COMPOUNDS
VDH KIT OA

LABORATORY RESULTS OF ANALYSIS

LABORATORY NUMBER: V11-004

LABORATORY RESULTS: The laboratory test for volatile organic chemicals by E.P.A. Method 524.2, GC/MS has detected the presence of the following compounds:

COMPOUND(S) FOUND	CONCENTRATION µg/l (ppb)	Precision data µg/l (ppb)
Chloroform	1.2	± 0.4
Bromodichloromethane	1.2	± 0.3
Dibromochloromethane	1.4	± 0.4
Bromoform	0.6	± 0.5

All other compounds tested for were not detected. A complete list of all volatile organic chemicals tested is on the attached sheet of this report.

LABORATORY NOTE: Detected is defined as greater than the method quantification limit.

Date Reported: JUL 23 2010

Reviewed by JCM

Please see other page for collection information.

VERMONT DEPARTMENT OF HEALTH LABORATORY
195 COLCHESTER AVENUE, BURLINGTON, VT 05402-1125
(800)660-9997 or (802)863-7336

VOLATILE ORGANIC COMPOUNDS TESTED IN VDH KIT OA

Report Supplement

The EPA Method 524.2 (GC/MS) analysis performed on the water samples for volatile organic compounds includes testing for the following compounds. The Method Quantification Limit (MQL) for all compounds listed is 0.5 ug/l - micrograms/liter (ppb - parts per billion) unless specifically noted.

COMPOUND
Methyl tert-butyl ether
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
n-Butylbenzene
sec-Butylbenzene
tert-Butylbenzene
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
2-Chlorotoluene
4-Chlorotoluene
Dibromochloromethane
Dibromomethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethene
trans-1,2-Dichloroethene
cis-1,2-Dichloroethene
1,2-Dichloropropane

COMPOUND
2,2-Dichloropropane
1,3-Dichloropropane
1,1-Dichloropropene
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
Ethylbenzene
Hexachlorobutadiene
Isopropylbenzene
p-Isopropyltoluene
Methylene chloride
Naphthalene
n-Propylbenzene
Styrene
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Toluene
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Trichlorofluoromethane
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
Vinyl chloride
m+p-Xylene
o-Xylene

EPA Method 524.2 (GC/MS)