



VERMONT DEPARTMENT OF HEALTH LABORATORY

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

HXB

LAB: **08V 148**

LITS NO. _____

DATE RECEIVED: _____

WATER SAMPLE COLLECTION INFORMATION

PORT TO BE SENT TO

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

2008 JAN 10 P 12:46

DATE OF COLLECTION	HOUR AND MINUTE OF COLLECTION	SAMPLE TAKEN IN TOWN OF	NAME OF PERSON TAKING SAMPLE	DAY PHONE NO. (INCLUDE AREA CODE)
1 10 08 MO. DAY YR.	9:00 AM ALSO CIRCLE AM OR PM	Underhill	Marc Maheux	802-899-2660

ISSUERS 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#: 9629338
 OA
 O#: 109094 010308 (W)
 T#: /109986

SECTION BELOW FOR REGULATED PUBLIC WATER SYSTEM USE ONLY

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

SAMPLER TITLE: (CHECK ONE)

OPERATOR HEALTH DEPT. HEALTH OFFICER STATE AGENCY OTHER

PURPOSE OF SAMPLE: (CHECK ONE)

TOTAL COLIFORM SAMPLE ROUTINE REPEAT/ORIGINAL SAMPLE REPLACEMENT OTHER

ALL OTHER SAMPLES: (CHECK ONE)

COMPLIANCE MONITORING REPEAT/ORIGINAL SAMPLE OTHER

TYPE OF SAMPLE: (CHECK ONE)

ENTRY POINT SOURCE DISTRIBUTION OTHER *Storage Tank*

FIELD DATA:

CHLORINE RESIDUAL: _____ mg/l FREE Cl₂ _____ mg/l TOTAL Cl₂ NOT: CHLORINATED NOT: 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
PO BX 236
UNDERHILL, VT 05489

FOR LABORATORY USE ONLY

PRESERVATIVE: SODIUM SULFITE COOL < 4°C NH₄CL

NONE HCl HNO₃ H₂SO₄

TEMP *6.2* °C SODIUM THIOSULFATE ASCORBIC ACID



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: 08V-148

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 $\mu\text{g/l}$ (ppb)	Precision data $\mu\text{g/l}$ (ppb)
Chloroform	1.5	± 0.4
Bromodichloromethane	1.4	± 0.4
Dibromochloromethane	1.2	± 0.4

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: FEB 08 2008

Reviewed by

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)

CHEM 307 OCT 2003