



DEPARTMENT OF HEALTH LABORATORY
359 SOUTH PARK DRIVE, COLCHESTER, VT 05446

Mailing Address:
PO BOX 1125
BURLINGTON, VT 05402-1125

(802) 338-4724 or (800) 660-9997 (VT Only)
www.healthvermont.gov

Lab ID # 16-OA-00078



14 JUL 2016 AM 11:06

WATER SAMPLE COLLECTION INFORMATION

Report to be Sent To:

Marc Maheux
Jericho Underhill Water
PO Box 174
Underhill VT 05489

17V00004

Kit Information: KIT OA

Tests: Volatile Organics by EPA 524.2

Date of Collection:

7 / 14 / 16
Mo. Day Yr.

Hour and Minute of Collection:

8:30 AM
PM

Name of Person Collecting Sample:
(Please print)

Marc Maheux

Daytime Phone No.:
(Include Area Code)

899-3810
(802)

Physical Location and Address Where Sample Was Collected

Location: (e.g. "kitchen sink") Entry Point to Distrib

Street Address:

Town:

52 River Rd
Underhill

Sampler's Comments:

NOTE: INCOMPLETE INFORMATION ON THIS REQUEST FORM MAY RESULT IN THE ANALYSIS BEING
DELAYED OR THE SAMPLE BEING REJECTED.

SECTION BELOW FOR PRIVATE SAMPLE INFORMATION ONLY

Source: ☐ Well* ☐ Spring* ☐ Municipal (what system? _____)

*If this sample is from a well or spring, has chlorine been used to disinfect it within the last two weeks? ___ Yes ___ No

☐ Surface (river) ☐ Surface (lake / pond) ☐ Surface (stream / creek) ☐ Other (specify) _____

SECTION BELOW FOR REGULATED PUBLIC WATER SYSTEM USE ONLY

WSID #:

VT0005096

Water System Name:

Jericho Underhill Water

Facility ID: _____

Sampling Point ID: _____

Sample Type:

☒ Routine/Compliance

☐ Trigger

☐ Confirmation

☐ Special/Other

☐ Repeat (Original Sample Lab No. : _____)

☐ Replacement Sample (Original Sample Lab No. : _____)

Field Data: (required)

Chlorinated? ☒ Yes ___ No

Chlorine Residual: 0.14 mg/L Free Cl

mg/L Total Cl

Sample Temp: ___ °F or °C (Circle one)

Field Fluoride Result: ___ mg/L

(Municipal FI samples only)

PAYMENTS

Date: 7/5/16

Type: Credit Card

Order #: KitPO_00035707

SECTION BELOW FOR LABORATORY USE ONLY

Temp at time of receipt: 9 °C pH _____

Radiological Samples Only:

Emission Checked ___ Yes ___ No

Evidence of cooling ☒ Residual Chlorine _____ mg/L

Sample Not Analyzed Because:

☐ No Collection Date

☐ Too Old to Test

☐ Air bubbles > 3mm

☐ Insufficient Sample

☐ Improper Sample Container

☐ Missing Information

☐ Broken In Transit

☐ Kit Expired

☐ Sample Temp Not Within Required Range

☐ Unable to Complete Testing of Sample
Reason: _____

Laboratory Remarks:

JSN

Diags contain bubble < 3mm

DO NOT PHOTOCOPY

ONLY ORIGINAL WATER SAMPLE COLLECTION INFORMATION FORM CAN BE SUBMITTED WITH SAMPLE

CHEM 202 (08/2015)



Vermont Department of Health Laboratory

359 South Park Drive

Colchester, Vermont 05446

(802) 338-4724 (800) 660-9997 (VT only)

TEST RESULTS

**ANALYSIS OF WATER FOR VOLATILE ORGANIC COMPOUNDS
VDH KIT OA**

LABORATORY RESULTS OF ANALYSIS

LABORATORY NUMBER: 17V-00004

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 (ppb)	CONCENTRATION $\mu\text{g/l}$ (ppb)	Precision data $\mu\text{g/l}$
Chloroform	0.6	± 0.3
Bromodichloromethane	0.5	± 0.3

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 or equal to the lowest calibrator.

Note: The temperature of the sample when received at the laboratory was greater than approved method preservation requirements however there was evidence of cooling. The test method used requires cooling from the time of sample collection.

JUL 20 2016

Date Reported: 7/20/16 *AKZ*

Reviewed by *JF m* 7/21/16

Please see other page for collection information.

VERMONT DEPARTMENT OF HEALTH LABORATORY

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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 uGu/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