

Jim Wieck  
GZA GeoEnvironmental, Inc. (NH)  
5 Commerce Park North, Suite 201  
Bedford, NH 03110



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 159749  
Client Identification: VOC and 1,4-Dioxane Testing  
Date Received: 8/24/2016

Dear Mr. Wieck :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at [www.eailabs.com](http://www.eailabs.com) for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

- Solid samples are reported on a dry weight basis, unless otherwise noted
- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery


Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

  
Lorraine Olashaw, Lab Director

9.1.16  
Date

16  
# of pages (excluding cover letter)



# SAMPLE CONDITIONS PAGE

EAI ID#: 159749

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

**Temperature upon receipt (°C): 4.6**

**Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
159749.01	A1V-1	8/24/16	8/22/16	soil	86.4	Adheres to Sample Acceptance Policy
159749.02	A1V-2	8/24/16	8/22/16	soil	87.6	Adheres to Sample Acceptance Policy
159749.03	A1V-3	8/24/16	8/22/16	soil	87.5	Adheres to Sample Acceptance Policy
159749.04	A1V-4	8/24/16	8/23/16	soil	89.9	Adheres to Sample Acceptance Policy
159749.05	A1V-5	8/24/16	8/23/16	soil	83.3	Adheres to Sample Acceptance Policy
159749.06	A1V-6	8/24/16	8/23/16	soil	84.6	Adheres to Sample Acceptance Policy
159749.07	A1V-7	8/24/16	8/23/16	soil	91.0	Adheres to Sample Acceptance Policy
159749.08	A1V-8	8/24/16	8/23/16	soil	89.2	Adheres to Sample Acceptance Policy
159749.09	A1V-9	8/24/16	8/23/16	soil	88.8	Adheres to Sample Acceptance Policy
159749.1	A1V-10	8/24/16	8/23/16	soil	87.7	Adheres to Sample Acceptance Policy
159749.11	A1V-11	8/24/16	8/23/16	soil	87.2	Adheres to Sample Acceptance Policy
159749.12	A1V-12	8/24/16	8/23/16	soil	85.1	Adheres to Sample Acceptance Policy
159749.13	A1V-13	8/24/16	8/23/16	soil	88.6	Adheres to Sample Acceptance Policy
159749.14	A1V-14	8/24/16	8/23/16	soil	91.2	Adheres to Sample Acceptance Policy
159749.15	A1V-15	8/24/16	8/23/16	soil	89.0	Adheres to Sample Acceptance Policy
159749.16	A1V-16	8/24/16	8/23/16	soil	91.1	Adheres to Sample Acceptance Policy
159749.17	A1V-17	8/24/16	8/24/16	soil	88.4	Adheres to Sample Acceptance Policy
159749.18	A1V-18	8/24/16	8/24/16	soil	82.2	Adheres to Sample Acceptance Policy
159749.19	A1V-19	8/24/16	8/24/16	soil	87.2	Adheres to Sample Acceptance Policy
159749.2	A1V-20	8/24/16	8/24/16	soil	87.9	Adheres to Sample Acceptance Policy
159749.21	Trip Blank	8/24/16	8/24/16	soil	100.0	Adheres to Sample Acceptance Policy

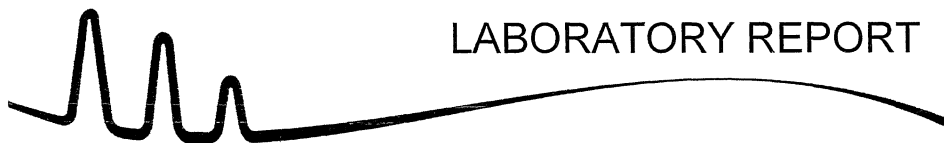
Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



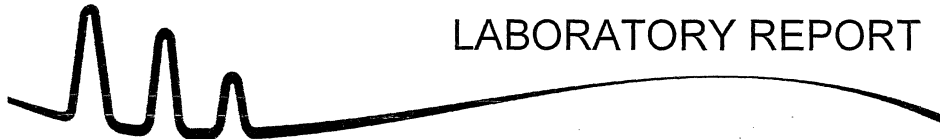
# LABORATORY REPORT

EAI ID#: 159749

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: VOC and 1,4-Dioxane Testing

Sample ID:	A1V-1	A1V-2	A1V-3	A1V-4	A1V-5	A1V-6	A1V-7
Lab Sample ID:	159749.01	159749.02	159749.03	159749.04	159749.05	159749.06	159749.07
Matrix:	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	8/22/16	8/22/16	8/22/16	8/23/16	8/23/16	8/23/16	8/23/16
Date Received:	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Analysis:	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16
Analyst:	BML	BML	BML	BML	BML	BML	BML
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	1	1	1	1	1
Dichlorodifluoromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl chloride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Diethyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acetone	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
tert-Butyl Alcohol (TBA)	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene chloride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon disulfide	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl-t-butyl ether(MTBE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethyl-t-butyl ether(ETBE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Isopropyl ether(DIPE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
tert-amyl methyl ether(TAME)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
trans-1,2-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,2-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Butanone(MEK)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrahydrofuran(THF)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromomethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromodichloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dioxane	< 3	< 3	< 3	< 3	< 3	< 3	< 3
4-Methyl-2-pentanone(MIBK)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,3-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Hexanone	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane(EDB)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05



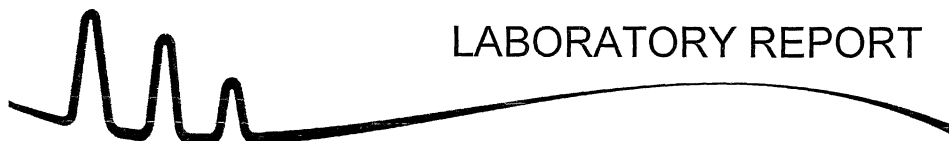
# LABORATORY REPORT

EAI ID#: 159749

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

Sample ID:	A1V-1	A1V-2	A1V-3	A1V-4	A1V-5	A1V-6	A1V-7
<b>Lab Sample ID:</b>	159749.01	159749.02	159749.03	159749.04	159749.05	159749.06	159749.07
<b>Matrix:</b>	soil	soil	soil	soil	soil	soil	soil
<b>Date Sampled:</b>	8/22/16	8/22/16	8/22/16	8/23/16	8/23/16	8/23/16	8/23/16
<b>Date Received:</b>	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Date of Analysis:</b>	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16
<b>Analyst:</b>	BML	BML	BML	BML	BML	BML	BML
<b>Method:</b>	8260B	8260B	8260B	8260B	8260B	8260B	8260B
<b>Dilution Factor:</b>	1	1	1	1	1	1	1
mp-Xylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-Xylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
IsoPropylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Propylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3,5-Trimethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
tert-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
sec-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
p-Isopropyltoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromo-3-chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3,5-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2,3-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromofluorobenzene (surr)	97 %R	97 %R	96 %R	98 %R	97 %R	97 %R	98 %R
1,2-Dichlorobenzene-d4 (surr)	102 %R	101 %R	102 %R	101 %R	102 %R	100 %R	101 %R
Toluene-d8 (surr)	99 %R	100 %R	99 %R	99 %R	98 %R	98 %R	99 %R
1,2-Dichloroethane-d4 (surr)	93 %R	94 %R	93 %R	93 %R	93 %R	92 %R	91 %R



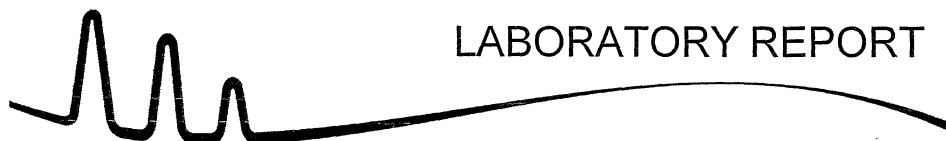
# LABORATORY REPORT

EAI ID#: 159749

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

Sample ID:	A1V-8	A1V-9	A1V-10	A1V-11	A1V-12	A1V-13	A1V-14
<b>Lab Sample ID:</b>	159749.08	159749.09	159749.1	159749.11	159749.12	159749.13	159749.14
<b>Matrix:</b>	soil	soil	soil	soil	soil	soil	soil
<b>Date Sampled:</b>	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16
<b>Date Received:</b>	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Date of Analysis:</b>	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16
<b>Analyst:</b>	BML	BML	BML	BML	BML	BML	BML
<b>Method:</b>	8260B	8260B	8260B	8260B	8260B	8260B	8260B
<b>Dilution Factor:</b>	1	1	1	1	1	1	1
Dichlorodifluoromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl chloride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Diethyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acetone	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
tert-Butyl Alcohol (TBA)	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene chloride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon disulfide	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl-t-butyl ether(MTBE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethyl-t-butyl ether(ETBE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Isopropyl ether(DIPE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
tert-amyl methyl ether(TAME)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
trans-1,2-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,2-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Butanone(MEK)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrahydrofuran(THF)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromomethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromodichloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dioxane	< 3	< 3	< 3	< 3	< 3	< 3	< 3
4-Methyl-2-pentanone(MIBK)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,3-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Hexanone	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane(EDB)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05



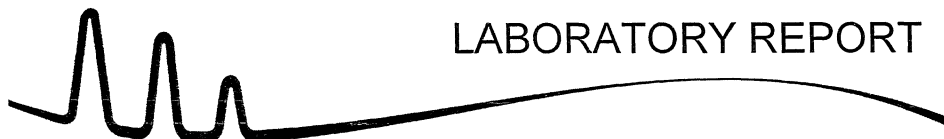
# LABORATORY REPORT

EAI ID#: 159749

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: VOC and 1,4-Dioxane Testing

Sample ID:	A1V-8	A1V-9	A1V-10	A1V-11	A1V-12	A1V-13	A1V-14
Lab Sample ID:	159749.08	159749.09	159749.1	159749.11	159749.12	159749.13	159749.14
Matrix:	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16
Date Received:	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Analysis:	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16	8/25/16
Analyst:	BML	BML	BML	BML	BML	BML	BML
Method:	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Dilution Factor:	1	1	1	1	1	1	1
mp-Xylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-Xylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
IsoPropylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Propylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3,5-Trimethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
tert-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
sec-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
p-Isopropyltoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromo-3-chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3,5-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2,3-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromofluorobenzene (surr)	96 %R	96 %R	96 %R	96 %R	98 %R	97 %R	96 %R
1,2-Dichlorobenzene-d4 (surr)	100 %R	101 %R	102 %R	98 %R	101 %R	99 %R	100 %R
Toluene-d8 (surr)	99 %R	99 %R	99 %R	99 %R	98 %R	99 %R	99 %R
1,2-Dichloroethane-d4 (surr)	91 %R	92 %R	93 %R	93 %R	92 %R	92 %R	92 %R



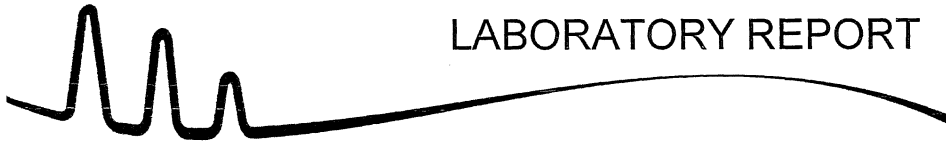
# LABORATORY REPORT

EAI ID#: 159749

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

Sample ID:	A1V-15	A1V-16	A1V-17	A1V-18	A1V-19	A1V-20	Trip Blank
<b>Lab Sample ID:</b>	159749.15	159749.16	159749.17	159749.18	159749.19	159749.2	159749.21
<b>Matrix:</b>	soil	soil	soil	soil	soil	soil	soil
<b>Date Sampled:</b>	8/23/16	8/23/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
<b>Date Received:</b>	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Date of Analysis:</b>	8/25/16	8/25/16	8/25/16	8/25/16	8/26/16	8/26/16	8/26/16
<b>Analyst:</b>	BML	BML	BML	BML	BML	BML	BML
<b>Method:</b>	8260B	8260B	8260B	8260B	8260B	8260B	8260B
<b>Dilution Factor:</b>	1	1	1	1	1	1	1
Dichlorodifluoromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Vinyl chloride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bromomethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloroethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichlorofluoromethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Diethyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acetone	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
tert-Butyl Alcohol (TBA)	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene chloride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon disulfide	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methyl-t-butyl ether(MTBE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethyl-t-butyl ether(ETBE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Isopropyl ether(DIPE)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
tert-amyl methyl ether(TAME)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
trans-1,2-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,2-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Butanone(MEK)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrahydrofuran(THF)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromomethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromodichloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dioxane	< 3	< 3	< 3	< 3	< 3	< 3	< 3
4-Methyl-2-pentanone(MIBK)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,3-Dichloropropene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Hexanone	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane(EDB)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05



# LABORATORY REPORT

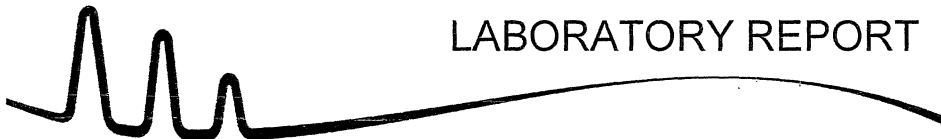
EAI ID#: 159749

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

Sample ID:	A1V-15	A1V-16	A1V-17	A1V-18	A1V-19	A1V-20	Trip Blank
<b>Lab Sample ID:</b>	159749.15	159749.16	159749.17	159749.18	159749.19	159749.2	159749.21
<b>Matrix:</b>	soil	soil	soil	soil	soil	soil	soil
<b>Date Sampled:</b>	8/23/16	8/23/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
<b>Date Received:</b>	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>Date of Analysis:</b>	8/25/16	8/25/16	8/25/16	8/25/16	8/26/16	8/26/16	8/26/16
<b>Analyst:</b>	BML	BML	BML	BML	BML	BML	BML
<b>Method:</b>	8260B	8260B	8260B	8260B	8260B	8260B	8260B
<b>Dilution Factor:</b>	1	1	1	1	1	1	1
mp-Xylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-Xylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
IsoPropylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Propylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3,5-Trimethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
tert-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
sec-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
p-Isopropyltoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Butylbenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromo-3-chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3,5-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2,3-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromofluorobenzene (surr)	97 %R	96 %R	97 %R	97 %R	99 %R	98 %R	97 %R
1,2-Dichlorobenzene-d4 (surr)	102 %R	101 %R	100 %R	102 %R	103 %R	101 %R	101 %R
Toluene-d8 (surr)	100 %R	100 %R	98 %R	99 %R	99 %R	98 %R	99 %R
1,2-Dichloroethane-d4 (surr)	94 %R	92 %R	93 %R	92 %R	95 %R	93 %R	94 %R





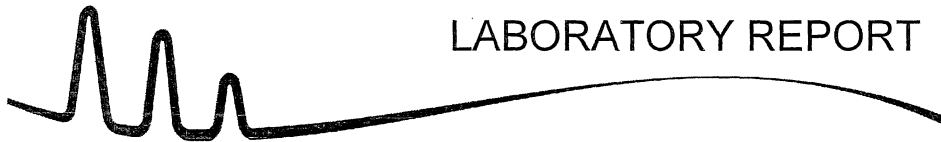
# LABORATORY REPORT

EAI ID#: 159749

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: VOC and 1,4-Dioxane Testing

Sample ID:	A1V-1	A1V-2	A1V-3	A1V-4	A1V-5	A1V-6	A1V-7
Lab Sample ID:	159749.01	159749.02	159749.03	159749.04	159749.05	159749.06	159749.07
Matrix:	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	8/22/16	8/22/16	8/22/16	8/23/16	8/23/16	8/23/16	8/23/16
Date Received:	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Analysis:	8/29/16	8/29/16	8/29/16	8/29/16	8/29/16	8/29/16	8/29/16
Analyst:	VG	VG	VG	VG	VG	VG	VG
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1	1	1	1
1,4-Dioxane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Bromofluorobenzene (surr)	97 %R	91 %R	92 %R	92 %R	95 %R	93 %R	92 %R
Toluene-d8 (surr)	97 %R	89 %R	93 %R	91 %R	92 %R	92 %R	92 %R



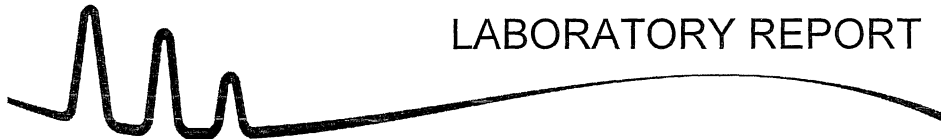
# LABORATORY REPORT

EAI ID#: **159749**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

Sample ID:	A1V-8	A1V-9	A1V-10	A1V-11	A1V-12	A1V-13	A1V-14
Lab Sample ID:	159749.08	159749.09	159749.1	159749.11	159749.12	159749.13	159749.14
Matrix:	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16	8/23/16
Date Received:	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Analysis:	8/29/16	8/29/16	8/29/16	8/29/16	8/29/16	8/29/16	8/29/16
Analyst:	VG	VG	VG	VG	VG	VG	VG
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1	1	1	1
1,4-Dioxane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Bromofluorobenzene (surr)	98 %R	94 %R	99 %R	94 %R	79 %R	95 %R	98 %R
Toluene-d8 (surr)	96 %R	91 %R	96 %R	91 %R	88 %R	92 %R	95 %R



# LABORATORY REPORT

EAI ID#: **159749**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **VOC and 1,4-Dioxane Testing**

Sample ID:	A1V-15	A1V-16	A1V-17	A1V-18	A1V-19	A1V-20	Trip Blank
Lab Sample ID:	159749.15	159749.16	159749.17	159749.18	159749.19	159749.2	159749.21
Matrix:	soil	soil	soil	soil	soil	soil	soil
Date Sampled:	8/23/16	8/23/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
Date Received:	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16	8/24/16
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Analysis:	8/29/16	8/29/16	8/29/16	8/30/16	8/30/16	8/30/16	8/30/16
Analyst:	VG	VG	VG	VG	VG	VG	VG
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1	1	1	1
1,4-Dioxane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Bromofluorobenzene (surr)	92 %R	91 %R	95 %R	91 %R	93 %R	92 %R	96 %R
Toluene-d8 (surr)	93 %R	90 %R	95 %R	90 %R	90 %R	90 %R	89 %R

# CHAIN-OF-CUSTODY RECORD

159749

GZANH

1

Date/Time

Composites need start and stop dates/times

Matrix

Parameters and Sample Notes

# of containers

Sample IDs	Date/Time	Matrix	Parameters and Sample Notes	# of containers
Soil A1V-1	8/22/16 1600	soil Grab or Comp	SoilTotDry/VNHH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate				
Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MEOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
Dissolved Sample Field Filtered <input type="checkbox"/>				
Soil A1V-2	8/22/16 1630	soil Grab or Comp	SoilTotDry/VNHH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate				
Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MEOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
Dissolved Sample Field Filtered <input type="checkbox"/>				
Soil A1V-3	8/22/16 1640	soil Grab or Comp	SoilTotDry/VNHH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate				
Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MEOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
Dissolved Sample Field Filtered <input type="checkbox"/>				
Soil A1V-4	8/23/16 1110	soil Grab or Comp	SoilTotDry/VNHH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate				
Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MEOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
Dissolved Sample Field Filtered <input type="checkbox"/>				

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID

Project Name VOC and 1,4-Dioxane Testing

State NH

Client (Pro Mgr) Jim Wiecek

Customer GZA GeoEnvironmental, Inc. (NH)

Address 5 Commerce Park North, Suite 201

City Bedford NH 03110

Phone 623-3600

Fax 624-9463 (37)

Email: James.Wiecek@gza.com

Direct 232-8732

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Results Needed by: Preferred date Today

Reporting Options

- HC
- EDD PDF
- EDD email
- PDF prelim, NO FAX
- e-mail Login Confirmation
- NO FAX
- Partial FAX
- PDF Invoice
- EQUIS

PO# verbal

Quote#:

Temp 16°C

Ice Yes  No

Samples Collected by: Christopher B. Melville  
 Relinquished by: [Signature] Date/Time: 8/24/16 1515  
 Received by: [Signature]

QC deliverables  
 A  A+  B  B+  C  PC

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_

# CHAIN-OF-CUSTODY RECORD



159749  
GZANH 1

Date/Time  
Composites need start  
and stop dates/times

Matrix

Parameters and Sample Notes

# of containers

Soil	8/23/16	1125	soil	SoilTotDry/VNH8260BFULList/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate					

Soil	8/23/16	1135	soil	SoilTotDry/VNH8260BFULList/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate					

Soil	8/23/16	1220	soil	SoilTotDry/VNH8260BFULList/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate					

Soil	8/23/16	1445	soil	SoilTotDry/VNH8260BFULList/V8260SIM14DIOXANE	2
<input type="checkbox"/> Sampler confirms ID and parameters are accurate					

*Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.*

EAI Project ID  
Project Name VOC and 1,4-Dioxane Testing  
State NH

Results Needed by: Preferred date 5 day  
Notes:

Client (Pro Mgr) Jim Wieck  
Customer GZA GeoEnvironmental, Inc. (NH)  
Address 5 Commerce Park North, Suite 201  
City Bedford NH 03110

Reporting Options  
 HC  
 EDD PDF  
 EDD email  
 PDF prelin, NO FAX  
 e-mail Login Confirmation  
 NO FAX  
 Partial FAX  
 PDF Invoice  
 EQUIS  
 PO# verbal  
 Quote#:  
 Temp 40 °C  
 Ice Y  N

Phone 623-3600 Fax 624-9463 (37)

QC deliverables  
 A  A+  B  B+  C  PC

Samples Collected by: Christopher B. Melly  
 Relinquished by: [Signature] Date/Time 8/24/16 1515  
 Relinquished by: \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time \_\_\_\_\_

Email: James.Wieck@gza.com  
 Direct 232-8732  
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# CHAIN-OF-CUSTODY RECORD



159749  
 GZANH 1-3

**Date/Time**

*Composites need start and stop dates/times*

**Matrix**

**Parameters and Sample Notes**

**# of containers**

Sample IDs	Date/Time	Matrix	Parameters and Sample Notes	# of containers
Soil A1V-9	8/23/16 1715	soil Grab or Comp	SoilTotDry/VNH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> <i>Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE</i> Dissolved Sample Field Filtered <input type="checkbox"/>				
Soil A1V-1D	8/23/16 1718	soil Grab or Comp	SoilTotDry/VNH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> <i>Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE</i> Dissolved Sample Field Filtered <input type="checkbox"/>				
Soil A1V-11	8/23/16 1721	soil Grab or Comp	SoilTotDry/VNH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> <i>Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE</i> Dissolved Sample Field Filtered <input type="checkbox"/>				
Soil A1V-12	8/23/16 1726	soil Grab or Comp	SoilTotDry/VNH8260BFULLIST/V8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> <i>Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE</i> Dissolved Sample Field Filtered <input type="checkbox"/>				

*Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.*

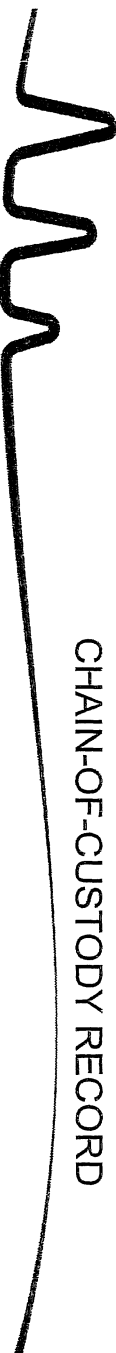
EAI Project ID \_\_\_\_\_  
 Project Name VOC and 1,4-Dioxane Testing  
 State NH  
 Client (Pro Mgr) Jim Wleick  
 Customer GZA GeoEnvironmental, Inc. (NH)  
 Address 5 Commerce Park North, Suite 201  
 City Bedford NH 03110  
 Phone 623-3600 Fax 624-9463 (37)

Results Needed by: Preferred date 5 day  
 Notes: \_\_\_\_\_

**Reporting Options**  
 HC       NO FAX  
 EDD PDF       Partial FAX  
 EDD email       PDF Invoice  
 PDF prelim, NO FAX       EQUIS  
 e-mail Login Confirmation      Temp 46°C  
 Samples Collected by: Christopher B. M... Ice Y  N   
 Relinquished by: [Signature] Date/Time 8/24/16 1515 Received by: [Signature]

QC deliverables  A  A+  B  B+  C  PC  
 Email: James.Wleick@gza.com      Eastern Analytical, Inc.      www.eallabs.com | 800.287.0525 | customerservice@eallabs.com  
 Direct 232-8732

# CHAIN-OF-CUSTODY RECORD



159749

  
 GZANH 14

**Date/Time**

Composites need start and stop dates/times

**Matrix**

**Parameters and Sample Notes**

# of containers

Sample IDs	Date/Time	Matrix	Parameters and Sample Notes	# of containers
A1V-13	8/23/16 1729	soil Grab or Comp	SoilTotDry/VNH8260BF-uillist/v8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MeOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
A1V-14	8/23/16 1731	soil Grab or Comp	SoilTotDry/VNH8260BF-uillist/v8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MeOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
A1V-15	8/23/16 1733	soil Grab or Comp	SoilTotDry/VNH8260BF-uillist/v8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MeOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				
A1V-16	8/23/16 1735	soil Grab or Comp	SoilTotDry/VNH8260BF-uillist/v8260SIM14DIOXANE	2
<input type="checkbox"/> <b>Sampler confirms ID and parameters are accurate</b> Circle preservative/s: HCL, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, MeOH, Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , ICE				

*Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.*

EAI Project ID \_\_\_\_\_  
 Project Name VOC and 1,4-Dioxane Testing  
 State NH  
 Client (Pro Mgr) Jim Wieck  
 Customer GZA GeoEnvironmental, Inc. (NH)  
 Address 5 Commerce Park North, Suite 201  
 City Bedford NH 03110  
 Phone 623-3600 Fax 624-9463 (37)

Results Needed by: Preferred date Today  
 Notes: \_\_\_\_\_

QC deliverables  
 A    A+    B    B+    C    PC

**Reporting Options**

<input checked="" type="checkbox"/> HC	<input type="checkbox"/> NO FAX	PO#	verbal
<input checked="" type="checkbox"/> EDD PDF	<input type="checkbox"/> Partial FAX	Quote#:	
<input checked="" type="checkbox"/> EDD email	<input checked="" type="checkbox"/> PDF Invoice	Temp	40°C
<input checked="" type="checkbox"/> PDF prelim, NO FAX	<input type="checkbox"/> EQUIS	Ice	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N
<input type="checkbox"/> e-mail Login Confirmation		Received by	

Samples Collected by: Christopher B. Melby  
 Relinquished by: [Signature] Date/Time: 8/23/16 15:15

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Direct 232-8732      Email: James.Wieck@gza.com

# CHAIN-OF-CUSTODY RECORD

159749  
GZANH  
19



Date/Time  
Composites need start and stop dates/times

Matrix  
Parameters and Sample Notes

# of containers

Soil A1V-17 | 8/24/16 | 1055 | soil | Grab or Comp | SoilTotDry/VNH8260BFullList/V8260SIM14DIOXANE | Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE | Dissolved Sample Field Filtered  | 2

Soil A1V-18 | 8/24/16 | 1100 | soil | Grab or Comp | SoilTotDry/VNH8260BFullList/V8260SIM14DIOXANE | Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE | Dissolved Sample Field Filtered  | 2

Soil A1V-19 | 8/24/16 | 1105 | soil | Grab or Comp | SoilTotDry/VNH8260BFullList/V8260SIM14DIOXANE | Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE | Dissolved Sample Field Filtered  | 2

Soil A1V-20 | 8/24/16 | 1110 | soil | Grab or Comp | SoilTotDry/VNH8260BFullList/V8260SIM14DIOXANE | Circle preservative/s: HCL, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, NaOH, MEOH, Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, ICE | Dissolved Sample Field Filtered  | 2

*Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.*

EAI Project ID \_\_\_\_\_ Results Needed by: Preferred date Safety

Project Name VOC and 1,4-Dioxane Testing Notes: \_\_\_\_\_

State NH Reporting Options:  HC  NO FAX  Partial FAX  PDF Invoice  EQUIS  PO# verbal

Client (Pro Mgr) Jim Wieck  EDD PDF  EDD email  PDF prelim, NO FAX  e-mail Login Confirmation  Quote#:

Customer GZA GeoEnvironmental, Inc. (NH) Samples Collected by: Christopher B. Malloy Temp 16°C

Address 5 Commerce Park North, Suite 201 Relinquished by: [Signature] Date/Time 8/24/16 1515 Received by: [Signature]

City Bedford NH 03110 Relinquished by: \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: \_\_\_\_\_

Phone 623-3600 Fax 624-9463 (37)

Email: James.Wieck@gza.com QC deliverables:  A  A+  B  B+  C  PC

Direct 232-8732 Relinquished by: \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: \_\_\_\_\_

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# CHAIN-OF-CUSTODY RECORD

159749

GZANH

Sample IDs Date/Time Composites need start and stop dates/times Matrix Parameters and Sample Notes # of containers

Trip Blanks 8/21/12 soil SOITotDry/VNHH8260BFULLIST/V8260SIM14DIOXANE 1

Sampler confirms ID and parameters are accurate Circle preservatives: HCL HNO<sub>3</sub> H<sub>2</sub>SO<sub>4</sub> NaOH MeOH Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> ICE Dissolved Sample Field Filtered

*Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.*

EAI Project ID  
Project Name VOC and 1,4-Dioxane Testing

Results Needed by: Preferred date 5 days  
Notes:

State NH  
Client (Pro Mgr) Jim Wieck  
Customer GZA GeoEnvironmental, Inc. (NH)  
Address 5 Commerce Park North, Suite 201  
City Bedford NH 03110  
Phone 623-3600 Fax 624-9463 (37)

Reporting Options  
 HC  NO FAX  
 EDD PDF  Partial FAX  
 EDD email  PDF Invoice  
 PDF prelm, NO FAX  EQUIS  
 e-mail Login Confirmation  
 Quote#:   
 Temp 10°C

Samples Collected by: Christy Lynn Kelly 10/15/12  
 Relinquished by: [Signature] 8/21/12 1515  
 Relinquished by: [Signature] Date/Time  
 Received by: [Signature] Received by

QC deliverables  
 A  A+  B  B+  C  PC

Email: James.Wieck@gza.com  
 Direct 232-8732  
 Eastern Analytical, Inc. www.ealilabs.com | 800.287.0525 | customerservice@ealilabs.com