



**51 Rangeway Road  
Dunbarton, NH 03046  
603-774-2207  
mark@antoniadesign.com**

February 13, 2019

Mr. Matt Jones  
Coordinator  
NHDES Oil Remediation & Compliance Bureau  
29 Hazen Drive  
P.O. Box 95  
Concord, New Hampshire 03302-0095

Re: UST Piping Closure Report  
Dick's General Store  
717 Route 4  
Danbury, New Hampshire 03230  
UST Facility No.: 0112726

Mr. Jones:

Please find attached the UST Piping Closure Report for the Dick's General Store facility in Danbury.

Please contact me if you have any questions.

Thank you.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark R. Antonia".

Mark R. Antonia, P.E.

# UNDERGROUND STORAGE TANK PIPING CLOSURE REPORT

for:

**Dick's General Store**  
717 Route 4  
Danbury, New Hampshire 03230  
UST Facility No.: 0112726

February 13, 2019

Antonia Design LLC  
51 Rangeway Road  
Dunbarton, NH 03046

This closure report discusses the piping closure activities for the underground storage tank (UST) buried gasoline piping at the Dick's General Store facility (New Hampshire Department of Environmental Services [NHDES] Site No. 199607052 and UST ID No. 0112726) located on 717 Route 4 in Danbury, New Hampshire.

The owner representative for the facility is:

Doug Colby, Dick's General Store  
717 Route 4  
Danbury, New Hampshire 03230  
603-491-2119

The closure activities were performed by Doug Colby of Danbury, New Hampshire on January 2, 2019 and January 17, 2019. The certified UST closure individual on-site was Doug Colby with ICC exp. 1/3/20. The owner representative is also Doug Colby of Dick's General Store. The NHDES representatives were Eric Johnson and Chris Wood and Mark Antonia of Antonia Design LLC performed the field screening of soils and confirmatory soil sample collection. Piping from the dispensers to the compartmentalized UST was evaluated on January 2, 2019 and piping that extended across the top of the UST was evaluated on January 17, 2019.

The UST system piping that was closed by removal consisted of single-wall fiberglass non-pressure/suction piping with no containment at the dispensers nor tanks. The piping was observed to be in excellent condition with no deterioration. The facility is serviced with an on-site well. There are no known groundwater monitoring wells on the property. The closed UST piping was installed between the UST and the dispensers.

Physical observations were recorded in the field. The backfill material surrounding the UST piping consisted of medium sand, due to the limited extent of excavation the native material adjacent to the UST piping was not clearly observed but expected to be mostly of sandy soils. There were no areas of stained or darkened soil. Groundwater was not encountered from the limited exploration for removing the UST piping. There were no odors of petroleum in the air or excavated soil.

Soils were field screened on-site with a portable photo ionization detector (PID) via headspace analysis. The PID that was used consisted of a Thermo Environmental Instruments 580B PID utilizing a 10.6 EV lamp with a detection limit of 0.1 parts per million (ppm). The PID continuously samples the air within the headspace of the soil sample container with a positive displacement pump that introduces the sample air to a high energy ultraviolet lamp where the sample is ionized. The amount of ions reaching the electrode in the detector is proportional to the concentration of organic molecules.

The backfill soils consisted of sand and pea stone. The soils obtained for field screening and laboratory analysis consisted of medium sand with little pea stone. The soils were noted to have a dry moisture content. There was no apparent visual contamination. The highest PID reading for the soil screening locations was 2.2 ppm.

One (1) composite soil sample (CS-1) was obtained from 5 locations along the bottom of the piping trench that was exposed on January 2, 2019 and one (1) composite soil sample (CS-2) was obtained from three locations along the bottom of the piping trench over the UST that was approximately 10-feet long.

A sample container was filled with the composite soil sample and subsequently prepared for analysis by placing them in an ice filled insulated cooler and delivered to Eastern Analytical Inc. of Concord, NH for VOC, and TPH-GRO.

Some soils were collected from below the dispensers were containerized as a precaution but did not appear to have any staining not olfactory evidence of gasoline contamination. The project is continuing and will excavate potentially more suspect soils when more excavation work is performed to install new containment sumps at the UST (in separate locations from the existing/removed piping) and the containerized soils will be disposed after that work is performed.

Figure 1 shows the USGS Locus Map, Figure 2 displays the Site Map and Figure 3 shows a Test Pit Log. Table 1 displays the results of field screening.

Appendix A contains photographs of the UST piping closure activities, Appendix B contains the analytical reports for the soil sample and Appendix C contains the Notification Form.

VOC analyses were performed via 8260B and TPH analyses were performed via 8015C-GRO. As suggested by the analytical reports in Appendix B, there were no contaminants found above the NHDES' Soil Remediation Standards as described in Env-Or 600. Additionally, no contaminants were detected within the soil samples above detectable limits except TPH that was only 3.7 ppm in CS-1.

### **Recommendations:**

Based on the field observations, condition of the piping, field screening of soils and the results of analytical testing of the composite soil samples it is believed that no contamination is present at the facility.

# FIGURE 1

## USGS LOCUS MAP

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

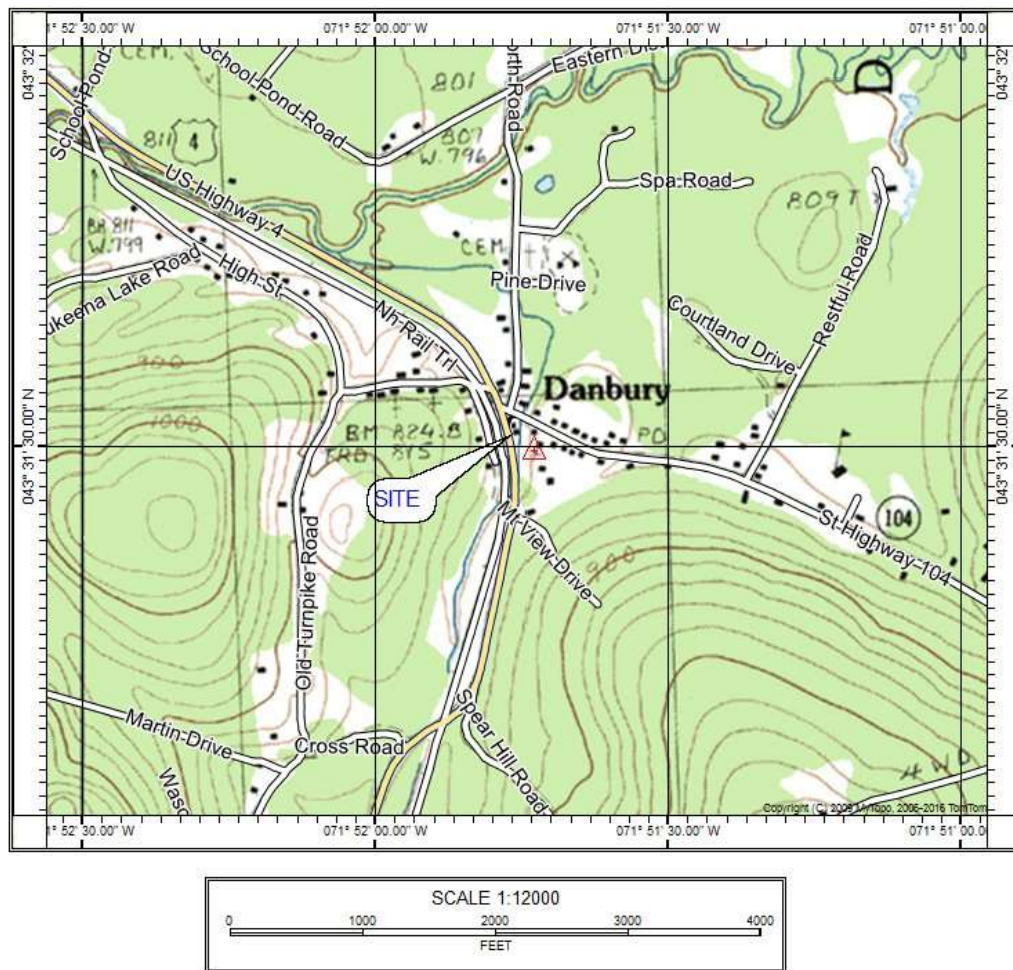


FIGURE 2

## SITE MAP - 1

Dick's General Store, 717 Route 4, Danbury, NH 03230  
SITE NO. 199607052 UST ID 0112726

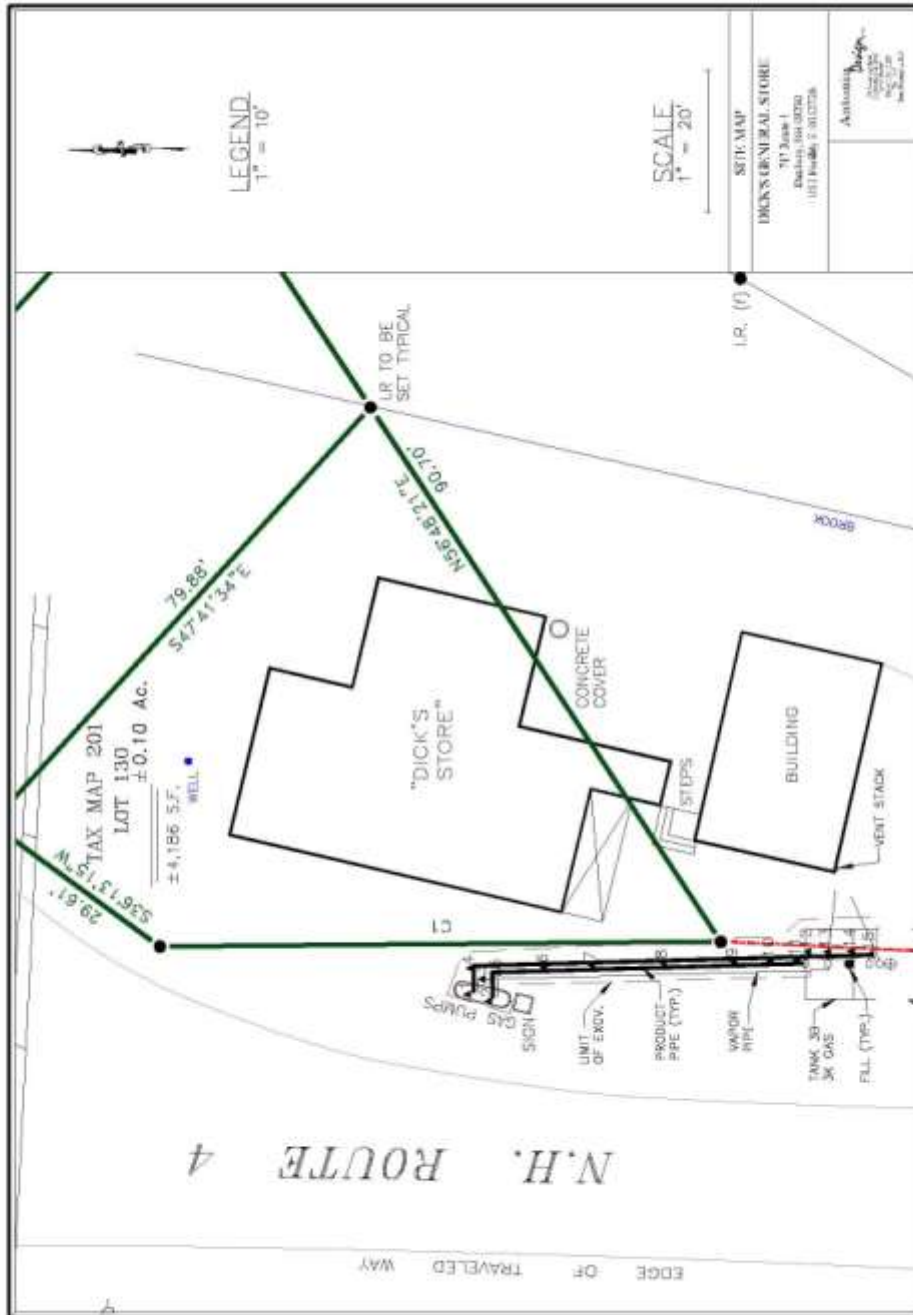
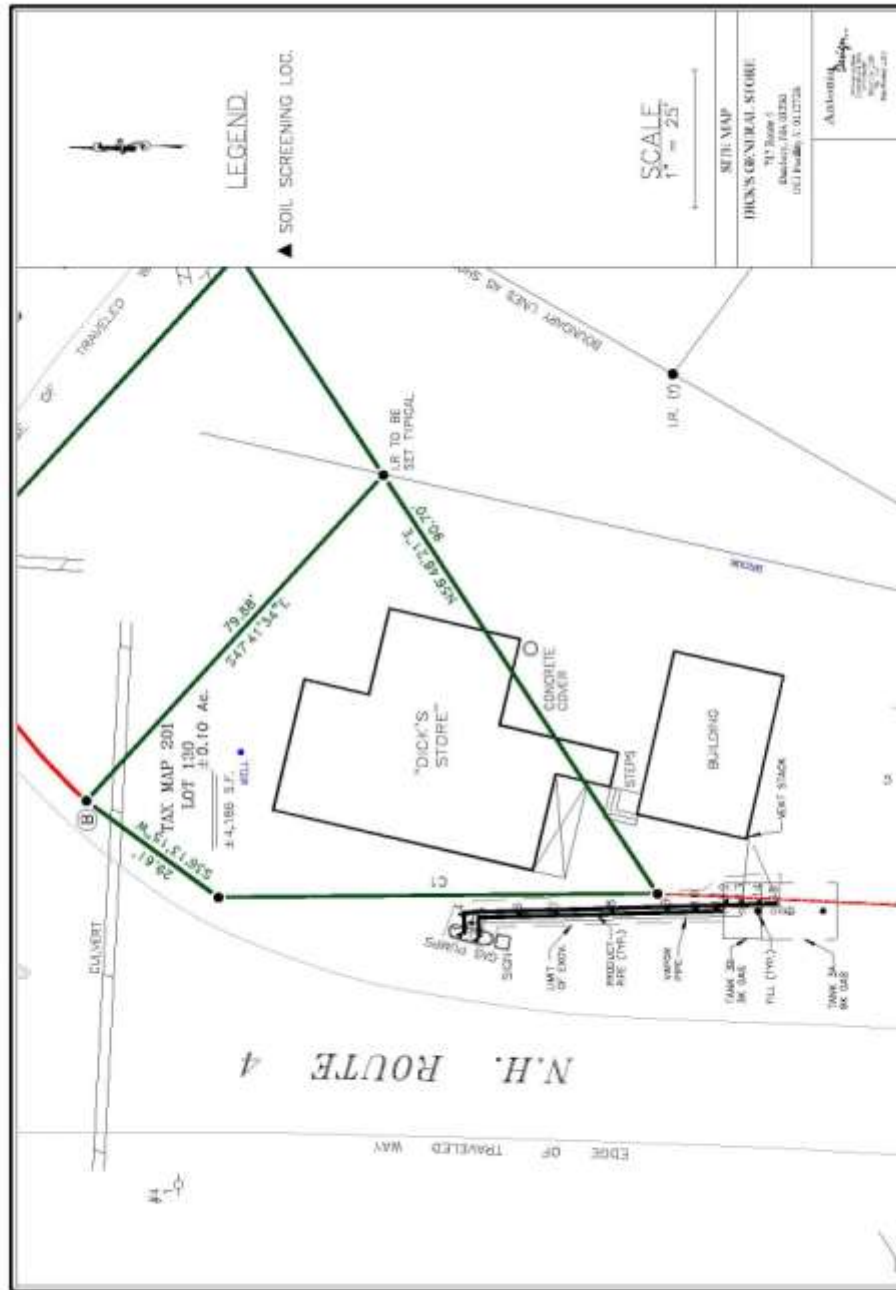


FIGURE 2

# SITE MAP - 2

Dick's General Store, 717 Route 4, Danbury, NH 03230  
 SITE NO. 199607052 UST ID 0112726



## FIGURE 3

### TEST PIT LOG

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

TEST PIT LOG		
Dick's General Store 717 Route 4 Danbury, NH 03230		
TEST PIT # 1		
January 2, 2019		
DEPTH	DESCRIPTION OF SOIL LAYER	SOIL COLOR
0"-48"	M/C SAND	LIGHT BROWN
GROUNDWATER NOT ENCOUNTERED		



TABLE 1  
RESULTS OF FIELD SCREENING

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052, UST ID 0112726

FIELD SCREENING RESULTS		
Dick's General Store 717 Route 4 Danbury, NH 03230		
SOIL SAMPLE NOs.: CS-1, CS-2		
January 2 & 17, 2019		
SOIL SAMPLE NO.:	DESCRIPTION OF SOIL / DEPTH	PID READING (PPM)
HS-1	MEDIUM SAND - 2'	0.0
HS-2	MEDIUM SAND - 2'	0.5
HS-3	MEDIUM SAND - 2'	0.0
HS-4	MEDIUM SAND - 2'	0.0
HS-5	MEDIUM SAND - 2'	0.0
HS-6	MEDIUM SAND - 2'	0.1
HS-7	MED. SAND - 3'	0.0
HS-8	MED. SAND - 3'	0.1
HS-9	MED. SAND - 3'	0.0
HS-10	MED. SAND - 3.5'	0.0
HS-11	MED. SAND - 3.5'	0.0
HS-12	MED. SAND - 3.5'	0.0
HS-13	MED. SAND - 3.5'	0.1
HS-14	MED. SAND - 3.5'	2.2
HS-15	MED. SAND - 3.5'	0.1
CS-1	MED. SAND - 2-3.5'	2.5
CS-2	MED. SAND - 2-3.5'	1.9

## APPENDIX A

# UST PIPING CLOSURE PHOTOGRAPHS

Dick's General Store

717 Route 4

Danbury, NH 03230

SITE NO. 199607052

UST ID 0112726

PHOTO #1

PIPING TRENCH AT DISPENSERS



## APPENDIX A

# UST PIPING CLOSURE PHOTOGRAPHS

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

PHOTO #2  
PIPING TRENCH FROM DISPENSERS TO UST





## APPENDIX A

# UST PIPING CLOSURE PHOTOGRAPHS

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

PHOTO #3  
PIPING AT UST



## APPENDIX A

# UST PIPING CLOSURE PHOTOGRAPHS

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

PHOTO #4  
PIPING ALONG TOP OF UST



## APPENDIX A

# UST PIPING CLOSURE PHOTOGRAPHS

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

PHOTO #5  
PIPING TRENCH WITH PIPING REMOVED



## APPENDIX B

# ANALYTICAL RESULTS

Dick's General Store

717 Route 4

Danbury, NH 03230

SITE NO. 199607052

UST ID 0112726



## Eastern Analytical, Inc.

*professional laboratory and drilling services*

Mark Antonia  
Antonia Design, LLC  
51 Rangeway Road  
Dunbarton, NH 03046



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 191114  
Client Identification: Dick's / 21634  
Date Received: 1/10/2019

Dear Mr. Antonia:

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.easternanalytical.com](http://www.easternanalytical.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), Vermont (VT1012) and New York (12072).

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

1-22-19  
Date

5  
# of pages (excluding cover letter)





## SAMPLE CONDITIONS PAGE

EAI ID#: 191114

Client: **Antonia Design, LLC**

Client Designation: **Dick's / 21634**

Temperature upon receipt (°C): **3.5**

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)
191114.01	CS-1	1/10/19	1/2/19	soil	95.4	Adheres to Sample Acceptance Policy
191114.02	Trip Blank	1/10/19	1/2/19	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, Ignitability, 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

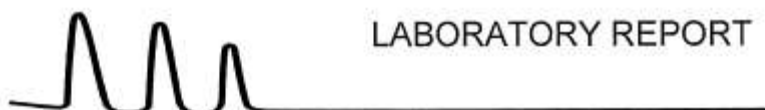
2) Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd Edition or noted Revision year.

3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB

4) Hach Water Analysis Handbook, 4th edition, 1992

**Eastern Analytical, Inc.**

www.easternanalytical.com | 800.287.0525 | customerservice@easternanalytical.com



# LABORATORY REPORT

EAI ID#: 191114

Client: Antonia Design, LLC

Client Designation: Dick's / 21634

Sample ID: CS-1 Trip Blank

Lab Sample ID:	191114.01	191114.02
Matrix:	soil	soil
Date Sampled:	1/2/19	1/2/19
Date Received:	1/10/19	1/10/19
Units:	mg/kg	mg/kg
Date of Analysis:	1/16/19	1/16/19
Analyst:	BAM	BAM
Method:	8260C	8260C
Dilution Factor:	1	1

Dichlorodifluoromethane	< 0.1	< 0.1
Chloromethane	< 0.1	< 0.1
Vinyl chloride	< 0.1	< 0.1
Bromomethane	< 0.2	< 0.2
Chloroethane	< 0.1	< 0.1
Trichlorofluoromethane	< 0.1	< 0.1
Diethyl Ether	< 0.05	< 0.05
Acetone	< 2	< 2
1,1-Dichloroethene	< 0.05	< 0.05
tert-Butyl Alcohol (TBA)	< 2	< 2
Methylene chloride	< 0.1	< 0.1
Carbon disulfide	< 0.1	< 0.1
Methyl-t-butyl ether(MTBE)	< 0.1	< 0.1
Ethyl-t-butyl ether(ETBE)	< 0.1	< 0.1
Isopropyl ether(DIPE)	< 0.1	< 0.1
tert-amyl methyl ether(TAME)	< 0.1	< 0.1
trans-1,2-Dichloroethene	< 0.05	< 0.05
1,1-Dichloroethane	< 0.05	< 0.05
2,2-Dichloropropane	< 0.05	< 0.05
cis-1,2-Dichloroethene	< 0.05	< 0.05
2-Butanone(MEK)	< 0.5	< 0.5
Bromochloromethane	< 0.05	< 0.05
Tetrahydrofuran(THF)	< 0.5	< 0.5
Chloroform	< 0.05	< 0.05
1,1,1-Trichloroethane	< 0.05	< 0.05
Carbon tetrachloride	< 0.05	< 0.05
1,1-Dichloropropene	< 0.05	< 0.05
Benzene	< 0.05	< 0.05
1,2-Dichloroethane	< 0.05	< 0.05
Trichloroethene	< 0.05	< 0.05
1,2-Dichloropropane	< 0.05	< 0.05
Dibromomethane	< 0.05	< 0.05
Bromodichloromethane	< 0.05	< 0.05
1,4-Dioxane	< 3	< 3
4-Methyl-2-pentanone(MIBK)	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.05	< 0.05
Toluene	< 0.05	< 0.05
trans-1,3-Dichloropropene	< 0.05	< 0.05
1,1,2-Trichloroethane	< 0.05	< 0.05
2-Hexanone	< 0.1	< 0.1
Tetrachloroethene	< 0.05	< 0.05
1,3-Dichloropropane	< 0.05	< 0.05
Dibromochloromethane	< 0.05	< 0.05
1,2-Dibromoethane(EDB)	< 0.05	< 0.05
Chlorobenzene	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	< 0.05	< 0.05
Ethylbenzene	< 0.05	< 0.05

Eastern Analytical, Inc.

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## LABORATORY REPORT

EAI ID#: 191114

Client: **Antonia Design, LLC**

Client Designation: **Dick's / 21634**

Sample ID: CS-1 Trip Blank

Lab Sample ID:	191114.01	191114.02
Matrix:	soil	soil
Date Sampled:	1/2/19	1/2/19
Date Received:	1/10/19	1/10/19
Units:	mg/kg	mg/kg
Date of Analysis:	1/16/19	1/16/19
Analyst:	BAM	BAM
Method:	8260C	8260C
Dilution Factor:	1	1
mp-Xylene	< 0.05	< 0.05
o-Xylene	< 0.05	< 0.05
Styrene	< 0.05	< 0.05
Bromoforn	< 0.05	< 0.05
IsoPropylbenzene	< 0.05	< 0.05
Bromobenzene	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	< 0.05	< 0.05
1,2,3-Trichloropropane	< 0.05	< 0.05
n-Propylbenzene	< 0.05	< 0.05
2-Chlorotoluene	< 0.05	< 0.05
4-Chlorotoluene	< 0.05	< 0.05
1,3,5-Trimethylbenzene	< 0.05	< 0.05
tert-Butylbenzene	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.05	< 0.05
sec-Butylbenzene	< 0.05	< 0.05
1,3-Dichlorobenzene	< 0.05	< 0.05
p-Isopropyltoluene	< 0.05	< 0.05
1,4-Dichlorobenzene	< 0.05	< 0.05
1,2-Dichlorobenzene	< 0.05	< 0.05
n-Butylbenzene	< 0.05	< 0.05
1,2-Dibromo-3-chloropropane	< 0.05	< 0.05
1,3,5-Trichlorobenzene	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05
Naphthalene	< 0.1	< 0.1
1,2,3-Trichlorobenzene	< 0.05	< 0.05
4-Bromofluorobenzene (surr)	90 %R	84 %R
1,2-Dichlorobenzene-d4 (surr)	99 %R	100 %R
2,5-Dibromotoluene (surr)	141 %R	116 %R
Toluene-d8 (surr)	104 %R	107 %R
1,2-Dichloroethane-d4 (surr)	108 %R	100 %R



## LABORATORY REPORT

EAI ID#: 191114

Client: **Antonia Design, LLC**

Client Designation: **Dick's / 21634**

Sample ID:	CS-1	Trip Blank
Lab Sample ID:	191114.01	191114.02
Matrix:	soil	soil
Date Sampled:	1/2/19	1/2/19
Date Received:	1/10/19	1/10/19
Units:	mg/kg	mg/kg
Date of Analysis:	1/15/19	1/15/19
Analyst:	VG	VG
Method:	8015Cmod	8015Cmod
Dilution Factor:	1	1
TPH (Gasoline Range C6-C12)	3.7	< 3
FID 2,5-Dibromotoluene (sum)	150 %R	96 %R

The surrogate 2,5-Dibromotoluene in the sample demonstrated recovery outside of the acceptance control limits of 70-130%R. GC/MS analysis confirms high recovery.





## Eastern Analytical, Inc.

*professional laboratory and drilling services*

Mark Antonia  
Antonia Design, LLC  
51 Rangeway Road  
Dunbarton, NH 03046



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 191358  
Client Identification: Dick's / 21634  
Date Received: 1/17/2019

Dear Mr. Antonia :

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.easternanalytical.com](http://www.easternanalytical.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


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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

1-20-19  
Date

5  
# of pages (excluding cover letter)



## SAMPLE CONDITIONS PAGE

EAI ID#: 191358

Client: **Antonia Design, LLC**

Client Designation: **Dick's / 21634**

Temperature upon receipt (°C): **2.1**

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)
191358.01	CS-2	1/17/19	1/17/19	soil	95.3	Adheres to Sample Acceptance Policy
191358.02	Trip Blank	1/17/19	1/17/19	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, Ignitability, 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, 21st, 22nd & 23rd Edition or noted Revision year.

3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB

4) Hach Water Analysis Handbook, 4th edition, 1992

**Eastern Analytical, Inc.**

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## LABORATORY REPORT

EAI ID#: 191358

Client: Antonia Design, LLC

Client Designation: Dick's / 21634

Sample ID: CS-2 Trip Blank

Lab Sample ID:	191358.01	191358.02
Matrix:	soil	soil
Date Sampled:	1/17/19	1/17/19
Date Received:	1/17/19	1/17/19
Units:	mg/kg	mg/kg
Date of Analysis:	1/19/19	1/19/19
Analyst:	BAM	BAM
Method:	8260C	8260C
Dilution Factor:	1	1

Dichlorodifluoromethane	< 0.1	< 0.1
Chloromethane	< 0.1	< 0.1
Vinyl chloride	< 0.1	< 0.1
Bromomethane	< 0.2	< 0.2
Chloroethane	< 0.1	< 0.1
Trichlorofluoromethane	< 0.1	< 0.1
Diethyl Ether	< 0.05	< 0.05
Acetone	< 2	< 2
1,1-Dichloroethene	< 0.05	< 0.05
tert-Butyl Alcohol (TBA)	< 2	< 2
Methylene chloride	< 0.1	< 0.1
Carbon disulfide	< 0.1	< 0.1
Methyl-t-butyl ether(MTBE)	< 0.1	< 0.1
Ethyl-t-butyl ether(ETBE)	< 0.1	< 0.1
Isopropyl ether(DIPE)	< 0.1	< 0.1
tert-amyl methyl ether(TAME)	< 0.1	< 0.1
trans-1,2-Dichloroethene	< 0.05	< 0.05
1,1-Dichloroethane	< 0.05	< 0.05
2,2-Dichloropropane	< 0.05	< 0.05
cis-1,2-Dichloroethene	< 0.05	< 0.05
2-Butanone(MEK)	< 0.5	< 0.5
Bromochloromethane	< 0.05	< 0.05
Tetrahydrofuran(THF)	< 0.5	< 0.5
Chloroform	< 0.05	< 0.05
1,1,1-Trichloroethane	< 0.05	< 0.05
Carbon tetrachloride	< 0.05	< 0.05
1,1-Dichloropropene	< 0.05	< 0.05
Benzene	< 0.05	< 0.05
1,2-Dichloroethane	< 0.05	< 0.05
Trichloroethene	< 0.05	< 0.05
1,2-Dichloropropane	< 0.05	< 0.05
Dibromomethane	< 0.05	< 0.05
Bromodichloromethane	< 0.05	< 0.05
1,4-Dioxane	< 3	< 3
4-Methyl-2-pentanone(MIBK)	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.05	< 0.05
Toluene	< 0.05	< 0.05
trans-1,3-Dichloropropene	< 0.05	< 0.05
1,1,2-Trichloroethane	< 0.05	< 0.05
2-Hexanone	< 0.1	< 0.1
Tetrachloroethene	< 0.05	< 0.05
1,3-Dichloropropane	< 0.05	< 0.05
Dibromochloromethane	< 0.05	< 0.05
1,2-Dibromoethane(EDB)	< 0.05	< 0.05
Chlorobenzene	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	< 0.05	< 0.05
Ethylbenzene	< 0.05	< 0.05

Eastern Analytical, Inc.

www.easternanalytical.com | 800.287.0525 | customerservice@easternanalytical.com





## LABORATORY REPORT

EAI ID#: 191358

Client: **Antonia Design, LLC**

Client Designation: **Dick's / 21634**

Sample ID:	CS-2	Trip Blank
Lab Sample ID:	191358.01	191358.02
Matrix:	soil	soil
Date Sampled:	1/17/19	1/17/19
Date Received:	1/17/19	1/17/19
Units:	mg/kg	mg/kg
Date of Analysis:	1/19/19	1/19/19
Analyst:	BAM	BAM
Method:	8260C	8260C
Dilution Factor:	1	1
mp-Xylene	< 0.05	< 0.05
o-Xylene	< 0.05	< 0.05
Styrene	< 0.05	< 0.05
Bromoform	< 0.05	< 0.05
IsoPropylbenzene	< 0.05	< 0.05
Bromobenzene	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	< 0.05	< 0.05
1,2,3-Trichloropropane	< 0.05	< 0.05
n-Propylbenzene	< 0.05	< 0.05
2-Chlorotoluene	< 0.05	< 0.05
4-Chlorotoluene	< 0.05	< 0.05
1,3,5-Trimethylbenzene	< 0.05	< 0.05
tert-Butylbenzene	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.05	< 0.05
sec-Butylbenzene	< 0.05	< 0.05
1,3-Dichlorobenzene	< 0.05	< 0.05
p-Isopropyltoluene	< 0.05	< 0.05
1,4-Dichlorobenzene	< 0.05	< 0.05
1,2-Dichlorobenzene	< 0.05	< 0.05
n-Butylbenzene	< 0.05	< 0.05
1,2-Dibromo-3-chloropropane	< 0.05	< 0.05
1,3,5-Trichlorobenzene	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05
Naphthalene	< 0.1	< 0.1
1,2,3-Trichlorobenzene	< 0.05	< 0.05
4-Bromofluorobenzene (surr)	82 %R	84 %R
1,2-Dichlorobenzene-d4 (surr)	101 %R	101 %R
2,5-Dibromotoluene (surr)	228 %R	144 %R
Toluene-d8 (surr)	102 %R	102 %R
1,2-Dichloroethane-d4 (surr)	101 %R	107 %R

CS-2: The surrogate 2,5-Dibromotoluene (surr) deviated outside the QC limits within the sample(s). The recovery of this surrogate is dependent on the quality of sample collection and/or matrix effect.



## LABORATORY REPORT

EAI ID#: **191358**

Client: **Antonia Design, LLC**

Client Designation: **Dick's / 21634**

Sample ID:	CS-2	Trip Blank
Lab Sample ID:	191358.01	191358.02
Matrix:	soil	soil
Date Sampled:	1/17/19	1/17/19
Date Received:	1/17/19	1/17/19
Units:	mg/kg	mg/kg
Date of Analysis:	1/24/19	1/24/19
Analyst:	VG	VG
Method:	8015Cmod	8015Cmod
Dilution Factor:	1	1
TPH (Gasoline Range C6-C12)	< 3	< 3
FID 2,5-Dibromotoluene (sur)	139 %R	91 %R

CS-2: The surrogate 2,5-Dibromotoluene in the sample demonstrated recovery outside of the acceptance control limits of 70-130%R.

# CHAIN-OF-CUSTODY RECORD

191358

5

**BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.**

SAMPLE I.D.	SAMPLING DATE / TIME	# IF COMPOSITE, INDICATE BOTH START & FINISH DATE / TIME	MATRIX (SEE BELOW)	GRAB / # COMPOSITE	VOC		SVOC		TCF METALS		INORGANICS		MICROBIOLOGICAL		NOTES
					524.2	524.2 BTEX	524.2 MTBE only	824.0	824.0 BTEX	824.0 MTBE only	824.0 BTEX	824.0 MTBE only	824.0 BTEX	824.0 MTBE only	
CS-2	1/17/12		SC	SC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1 mp B/m															

**PROJECT MANAGER:** Mike Antonia

**COMPANY:** ANTONIA DESIGN LLC

**ADDRESS:** 31 LANGHAM RD

**CITY:** DOVER NH **STATE:** NH **ZIP:** 03845

**PHONE:** 603 774 2287 **EXT.:**

**FAX:**

**E-MAIL:** antoniasdesign.com

**SITE NAME:** Tricks

**PROJECT #:** 21634

**SITE:** NH MA ME VT OTHER

**REGULATORY PROGRAM:** NPDES: RPT POTW STORMWATER OR GVP, OR FRO, BROWNFIELD OR OTHER:

**QUOTE #:** 1816081 **PO #:**

**DATE NEEDED:** STANDARD

**QA/QC REPORTING LEVEL:** A B C

**REPORTING OPTIONS:** PRECISE YES NO

**ELECTRONIC OPTIONS:** EMAIL PDF EXCEL

**PRESUMPTIVE CERTAINTY:** YES NO

**SAMPLED BY:** Mike Antonia **DATE:** 1/17/12 **TIME:** 3:52

**RECEIVED BY:** [Signature] **DATE:** 1/17/12 **TIME:**

**RELINQUISHED BY:**  **DATE:**  **TIME:**

**RECEIVED BY:**  **DATE:**  **TIME:**

**RELINQUISHED BY:**  **DATE:**  **TIME:**

**RECEIVED BY:**  **DATE:**  **TIME:**

**TEMP:** 2.1 **°C**

**METALS:** 8 ROMA 13 PP FE MG PO CU

**OTHER METALS:**

**SAMPLES FIELD FILTERED?** ☐ **YES** ☐ **NO**

**NOTES:** (IE: SPECIAL DETECTION LIMITS, DRILING INFO, IF DIFFERENT)

**SITE HISTORY:**

**SUSPECTED CONTAMINANT:**

**FIELD REMARKS:**

# APPENDIX C

## UST NOTIFICATION FORM

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726



**Underground / Aboveground Storage Tank Closure Notification Form**  
Oil Remediation and Compliance Bureau

NHDES-04-030

RSA 146-A & C; ENH-OR 300 & 400



**Environmental Services**

<b>1. Person Reporting Notification</b>											
Name: Doug Colby								Date: 12/3/18			
Address: 717 Route 4, Danbury, NH 03230								Initial:			
Phone: 603-491-2119								Email: dcolbyjr@yahoo.com			
<b>2. Facility Information</b>											
NHDES Site # 199607052								Facility ID # 0112726			
Name: Dick's General Store											
Address: 717 Route 4, Danbury, NH 03230											
<b>3. Owner Information</b>											
Name: Doug Colby											
Address: 717 Route 4, Danbury, NH 03230											
Phone: 603-491-2119								Email: dcolbyjr@yahoo.com			
<b>4. Tank Removal Information - Select all that apply:</b>											
<input type="checkbox"/> L <input type="checkbox"/> R <input type="checkbox"/> FI <input type="checkbox"/> PI <input type="checkbox"/> PX				<input type="checkbox"/> L <input type="checkbox"/> R <input type="checkbox"/> FI <input type="checkbox"/> PI <input type="checkbox"/> PX				<input type="checkbox"/> R <input type="checkbox"/> FI <input type="checkbox"/> PI <input type="checkbox"/> PX			
Tank # 3A				Tank # 3B				Tank #			
Size: 9,000 gal.				Size: 3,000 gal.				Size:			
Product: Gas				Product: Gas				Product:			
Will tank/piping be replaced underground?				Will tank/piping be replaced underground?				Will tank/piping be replaced underground?			
X-YES NO				X-YES NO				YES NO			
<b>5. Consultant / Contractor: Doug Colby</b>											
<b>6. Local Fire Dept. Notified: Yes</b>											
Town: <u>Danbury</u> Scheduled Closure Date: <u>1-2-19</u> ICC-02 Certificate # _____ exp. 1/20 _____ Mailed: <u>12-3-18</u>											

Telephone: (603) 271-3899      Fax: (603) 271-2181      TDD Access: Relay NH (800) 735-2964

P O BOX 95, Concord, NH 03302-0095

[www.des.nh.gov](http://www.des.nh.gov)

2018-05-21

## APPENDIX D

# MANIFESTS AND DISPOSAL RECORDS

Dick's General Store  
717 Route 4  
Danbury, NH 03230  
SITE NO. 199607052  
UST ID 0112726

**NONE AT THIS TIME - PROJECT CONTINUING**