



Francis J. Varieur Elementary

486 Pleasant Street

Pawtucket, RI 02860

Inquiry Number: 3965720.9

June 09, 2014

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography June 09, 2014

Target Property:486 Pleasant Street
Pawtucket, RI 02860

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: January 01, 1939	EDR
1951	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: January 01, 1951	EDR
1955	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: May 19, 1955	EDR
1962	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: January 01, 1962	EDR
1969	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: September 13, 1969	EDR
1970	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: March 09, 1970	EDR
1977	Aerial Photograph. Scale: 1"=1000'	Panel #: 41071-G4, Providence, RI;/Flight Date: April 01, 1977	EDR
1981	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: January 01, 1981	EDR
1985	Aerial Photograph. Scale: 1"=1000'	Panel #: 41071-G4, Providence, RI;/Flight Date: March 16, 1985	EDR
1992	Aerial Photograph. Scale: 1"=750'	Panel #: 41071-G4, Providence, RI;/Flight Date: April 13, 1992	EDR
1995	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/DOQQ - acquisition dates: March 29, 1995	EDR
2002	Aerial Photograph. Scale: 1"=500'	Panel #: 41071-G4, Providence, RI;/Flight Date: April 27, 2002	EDR



INQUIRY #: 3965720.9

YEAR: 1939

| = 500'





INQUIRY #: 3965720.9

YEAR: 1951

| = 500'





INQUIRY #: 3965720.9

YEAR: 1955

 = 500'



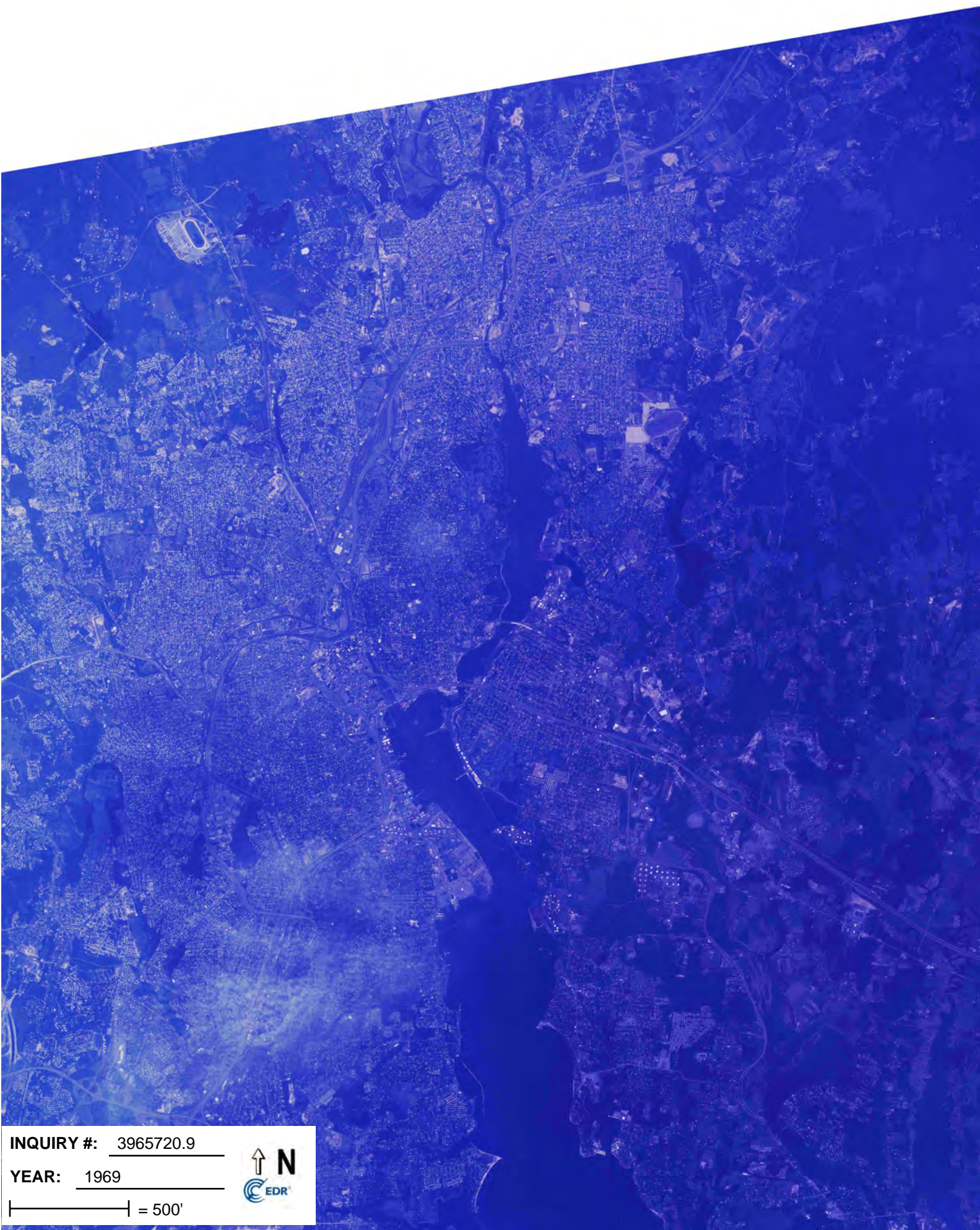


INQUIRY #: 3965720.9

YEAR: 1962

| = 500'





INQUIRY #: 3965720.9

YEAR: 1969

 = 500'





INQUIRY #: 3965720.9

YEAR: 1970

| = 500'





INQUIRY #: 3965720.9

YEAR: 1977

| = 1000'





INQUIRY #: 3965720.9

YEAR: 1981

| = 500'





INQUIRY #: 3965720.9

YEAR: 1985

| = 1000'





INQUIRY #: 3965720.9

YEAR: 1992

| = 750'





INQUIRY #: 3965720.9

YEAR: 1995

| = 500'





INQUIRY #: 3965720.9

YEAR: 2002

| = 500'





Francis J. Varieur Elementary

486 Pleasant Street

Pawtucket, RI 02860

Inquiry Number: 3965720.3

June 13, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

6/13/14

Site Name:

Francis J. Varieur Elementary
486 Pleasant Street
Pawtucket, RI 02860

Client Name:

EA Engineering Science &
2374 Post Road Suite 102
Warwick, RI 02886-0000



EDR Inquiry # 3965720.3

Contact: Mary Russo

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by EA Engineering Science & Tech. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Francis J. Varieur Elementary
Address: 486 Pleasant Street
City, State, Zip: Pawtucket, RI 02860
Cross Street:
P.O. # 0730780
Project: Francis J. Varieur Elememtry
Certification # 49CE-4226-A508



Sanborn® Library search results
Certification # 49CE-4226-A508

Maps Provided:

1984
1949
1923
1902

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

EA Engineering Science & Tech. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

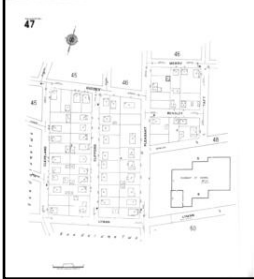
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Thumbnails

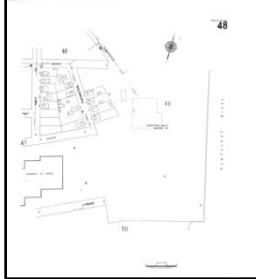
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



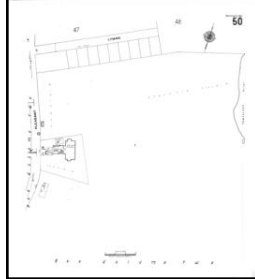
1984 Source Sheets



Volume 1, Sheet 47



Volume 1, Sheet 48



Volume 1, Sheet 50



Volume 2, Sheet 230

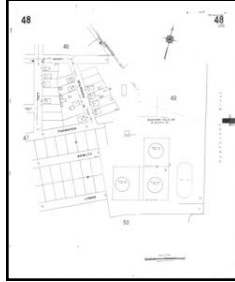
1949 Source Sheets



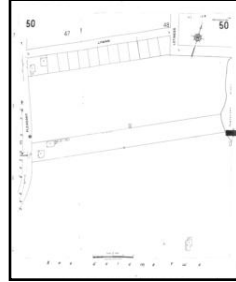
Volume 2, Sheet 230



Volume 1, Sheet 47



Volume 1, Sheet 48



Volume 1, Sheet 50

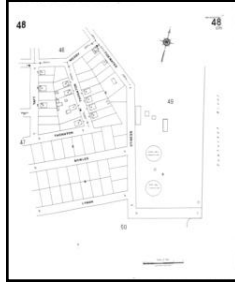
1923 Source Sheets



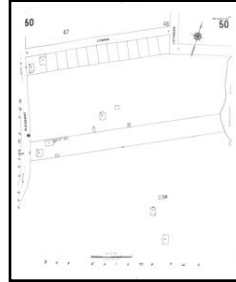
Volume 2, Sheet 230



Volume 1, Sheet 47



Volume 1, Sheet 48



Volume 1, Sheet 50

1902 Source Sheets



Volume 1, Sheet 27



Volume 1, Sheet 28

1984 Certified Sanborn Map



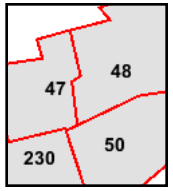
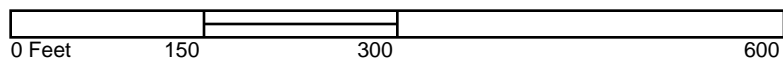
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 49CE-4226-A508

Site Name: Francis J. Varietur Elementary
 Address: 486 Pleasant Street
 City, ST, ZIP: Pawtucket RI 02860
 Client: EA Engineering Science & Tech.
 EDR Inquiry: 3965720.3
 Order Date: 6/13/2014 9:56:00 AM
 Certification #: 49CE-4226-A508
 Copyright: 1984



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



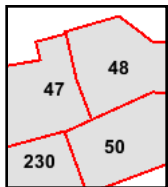
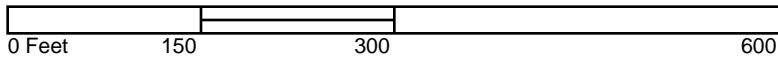
- Volume 1, Sheet 47
- Volume 1, Sheet 48
- Volume 1, Sheet 50
- Volume 2, Sheet 230



1949 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



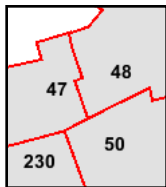
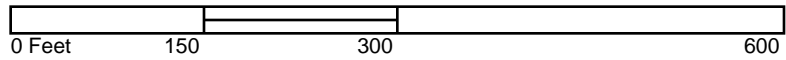
- Volume 2, Sheet 230
- Volume 1, Sheet 47
- Volume 1, Sheet 48
- Volume 1, Sheet 50



1923 Certified Sanborn Map



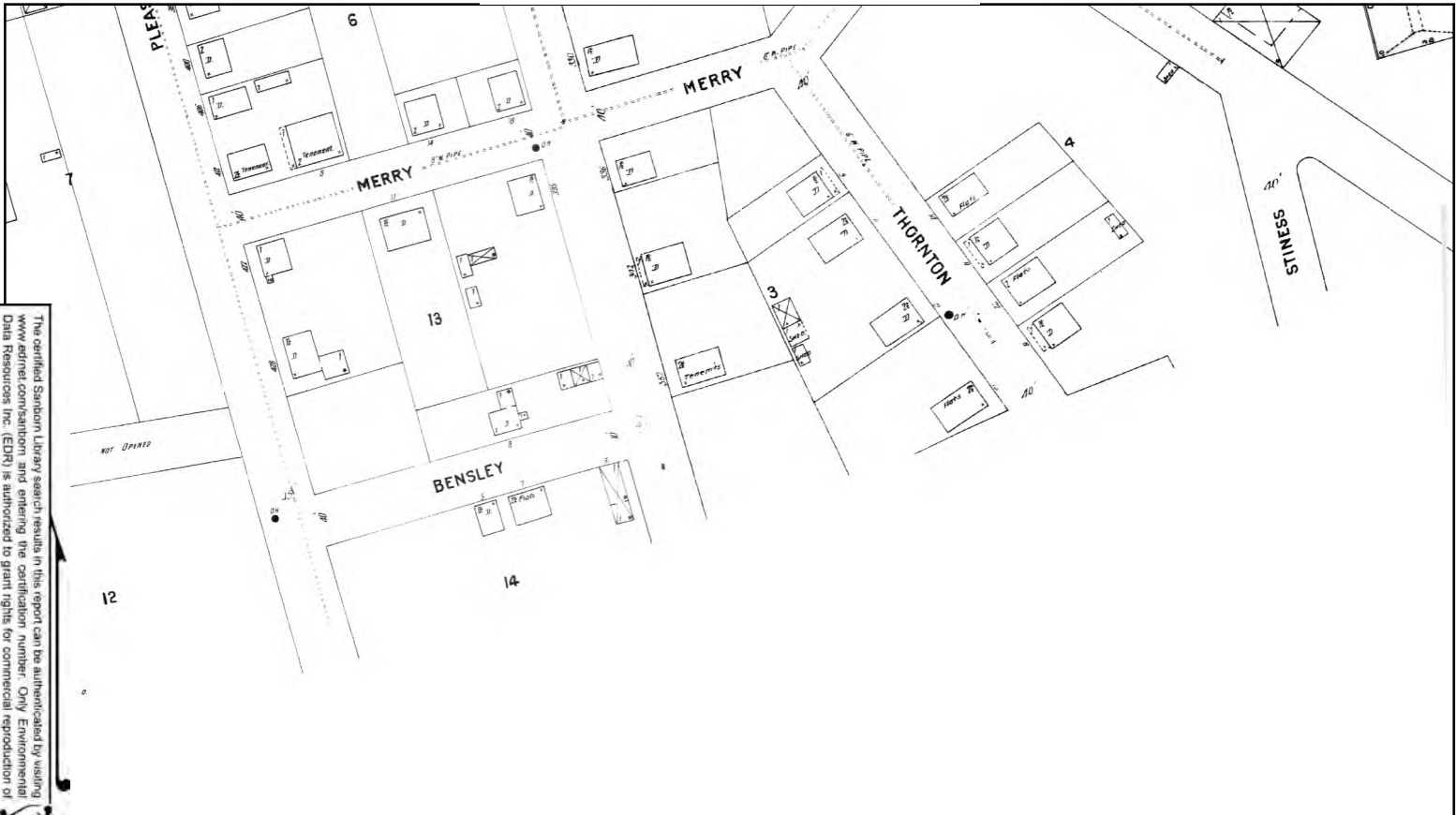
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 2, Sheet 230
- Volume 1, Sheet 47
- Volume 1, Sheet 48
- Volume 1, Sheet 50



1902 Certified Sanborn Map



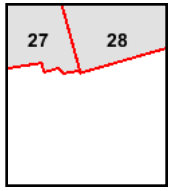
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 49CE-4226-A508

Site Name: Francis J. Varieur Elementary
 Address: 486 Pleasant Street
 City, ST, ZIP: Pawtucket RI 02860
 Client: EA Engineering Science & Tech.
 EDR Inquiry: 3965720.3
 Order Date: 6/13/2014 9:56:00 AM
 Certification # 49CE-4226-A508
 Copyright: 1902



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 27
 Volume 1, Sheet 28



Francis J. Varieur Elementary

486 Pleasant Street
Pawtucket, RI 02860

Inquiry Number: 3965720.5
June 11, 2014

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1996	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1989	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1984	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1979	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1974	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1969	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1959	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1953	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1948	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1943	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1938	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

FINDINGS

TARGET PROPERTY STREET

486 Pleasant Street
Pawtucket, RI 02860

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

PLEASANT ST

2013	pg A1	Cole Information Services
2008	pg A2	Cole Information Services
2003	pg A3	Cole Information Services
1999	pg A4	Cole Information Services
1996	pg A5	Polk's City Directory
1989	pg A6	Polk's City Directory
1984	pg A7	Polk's City Directory
1979	pg A8	Polk's City Directory
1974	pg A9	Polk's City Directory
1969	pg A10	Polk's City Directory
1964	pg A11	Polk's City Directory
1964	pg A12	Polk's City Directory
1959	pg A13	Polk's City Directory
1953	pg A14	Polk's City Directory
1948	pg A15	Polk's City Directory
1943	pg A16	Polk's City Directory
1938	pg A17	Polk's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

PLEASANT ST 2013

370	MANUEL DASILVA
371	ABRAO ANDRADE
372	ADRIANA CONTRERAS
378	SARA ROCHA
380	EDEN FORAND
394	JOSEPH NOZOLINO
400	VICTOR ACEVEDO
403	MARCOS BARRIENTOS
407	OCCUPANT UNKNOWN
423	TANYA DESCHENEAU
427	RAUL ORTIZ
428	DAMIEN KORDALEWSKI
	DANIEL MURPHY
	MARK PERRY
	PAUL ROMANI
	WILLIAM HAGGINS
450	MARK BOCCHINI
455	JOHN BARROS
467	LEV LEIFMAN
475	LOUIS KANOPKIN
483	OCCUPANT UNKNOWN
489	JOSE ALICEA
493	JOSE DEMEDEIROS
497	ANTHONY CARTWRIGHT
	JOAO SOARES
	MARGARIDA GOMES
	MARY HICKS
505	JAMES MARTEL
506	ALFRED MELLO
515	JEFF BOUCHARD
517	REYES ANGEL
525	FRANCISCO BARBOSA
535	ANTHONY LOPES
544	OAK HILL NURSING & REHABILITATION
553	ANTOINETTE ANTONOPOULOS
555	NORA ALTHAM
557	ANDREW YOSINOFF
562	OCCUPANT UNKNOWN
564	KEVIN BOWE
565	FRED AZAR

PLEASANT ST 2008

370	CARLOS SILVA
371	ADRIAN ANDRADE
372	SHEHERAZAD RITCHIE
378	KAREN DOLBASHIAN
380	DONALD LUSSIER
394	JOSEPH NOZOLINO
400	GARY CONVERTINO
403	MARCOS BARRIENTOS
407	BASIMA ABUALIA
423	TANYA DESCHENEAU
427	RAUL ORTIZ
428	DAMIEN KORDALEWSKI
	PAUL ROMANI
	TIMOTHY MURPHY
	WILLIAM HAGGINS
450	MARK BOCCHINI
455	JOHN BARROS
	REAL ESTATE MARKETING & MORTGAGE
467	LEV LEIFMAN
475	LOUIS KANOPKIN
483	OCCUPANT UNKNOWN
486	FRANCIS J VARIEUR SCHOOL
	PAWTUCKET CITY SCHOOL DISTRICT
489	JOSE ALICEA
493	SIMONE LEROUX
497	ANTHONY CARTWRIGHT
	CEASAR LIMA
	JOHN SOARES
505	FREDS PLACE INC
506	ALFRED MELLO
517	CRISTIN ALMEIDA
	GLOW FACE & BODY SPA
525	LOURENCO BARBOSA
535	ANTHONY LOPES
544	KINDRED HEALTHCARE INC
	OAK HILL NURSING & REHAB CENTER
553	ANTOINETTE ANTONOPOULOS
554	SILVERMAN DAVID A
555	CARLA AKALARIAN
557	LOUIS YOSINOFF
562	E LOWENHAUPT
564	OCCUPANT UNKNOWN
565	CALEB CABRAL

PLEASANT ST 2003

370	CARLOS SILVA
371	GUILHERMINA ANDRADE
372	SHEHERAZAD RITCHIE
378	KAREN DOLBASHIAN
380	DARREN DOLBASHIAN
394	JUDYS BEAUTY SALON
400	RONALD DELFINO
402	JOANNE MCINERNEY
403	ERIC ROBICHAUD
428	MANUEL PINA
450	MARK BOCCHINI
455	JOHN BARROS
	REAL ESTATE MRKTNG & MRTG FING
467	LEV LEIFMAN
475	LOUIS KANOPKIN
483	OCCUPANT UNKNOWN
486	OCCUPANT UNKNOWN
	PAWTUCKET CITY SCHOL DSTRCT
489	BEATRICE DELAMARE
493	HERVE LEROUX
497	ANTHONY CARTWRIGHT
	CEASAR LIMA
	JOAO SOARES
	WILLIE HICKS
505	FREDS PLACE INC
	OCCUPANT UNKNOWN
506	ALFRED MELLO
517	CRISTIN ALMEIDA
525	LOURENCO BARBOSA
535	ANTHONY LOPES
542	OCCUPANT UNKNOWN
544	DENNIS LUCIER
	EMMANUEL PATRINOS
	LOUIS TADDEI
	MANUEL LUZ
	MARY CONROY
	PAMELIA TRENTESAUX
	THERATEX
553	ANTOINETTE ANTONOPOULOS
	PAUL DELAMARE
555	HEALING SPACE OF NEW ENGLAND INC
	JEFFREY BLUME
557	LOUIS YOSINOFF
564	C VADNAIS
	EDWARD JENCIK
565	OCCUPANT UNKNOWN
	OPTIMAL BUSINESS PRCS LLC

PLEASANT ST 1999

370	CARLOS SILVA
371	OCCUPANT UNKNOWN
372	F GLORIA
378	KAREN DOLBASHIAN
380	DARREN DOLBASHIAN
394	JUDYS BEAUTY SALON
	OCCUPANT UNKNOWN
400	OCCUPANT UNKNOWN
403	OCCUPANT UNKNOWN
404	OCCUPANT UNKNOWN
428	MANUEL PINA
450	J BOCCHINI
455	JOHN BARROS
467	LEV LEIFMAN
475	LOUIS KANOPKIN
483	ALAN DOMINGOS
489	B DELAMARE
493	HERVE LEROUX
497	ARTUR AMARAL
	FERNAND FELIX
	JOHN SOARES
	SANDRA ANDRADE
517	JON ALMEIDA
525	ADELAID BARBOSA
	LOURENC BARBOZA
535	AVELINO LOPES
544	OAK HILL NURSING & REHABILITATION SERVICES
	THERATEX
553	PAUL DELAMARE
555	J & S CONSTRUCTION
557	LOUIS YOSINOFF
562	J NICHOLS
564	C VADNAIS
	D TALBOT
	M BRUMSTED
565	MORRIS HAZEN

PLEASANT ST 1996

	Bobola Louisa.....	-5272	C005	726-4421
359	Gonzales A A.....	-5272	C005	728-7682
	Sheehy Damin.....	-5272	C005	727-0571
360	Martins Abilio.....	-5250	C005	722-0996
	Pereira Antonio.....	-5250	C005	724-9373
	Pipa Joao.....	-5250	C005	722-3481
370	Silva Carlos.....	-5250	C005	728-1087
371	Andrade Guilhe.....	-5272	C005	724-1756
394	JUDY'S BEAUTY SALON.....	-5251	C005	724-1030
395	CUDDY SPRAY FIREPROOFING.....	-5254	C005	726-4230
428	Pina Manuel S.....	-5252	C005	724-3860
450	Bocchini J R.....	-5253	C005	725-3143
455	Barros Carol.....	-5255	C005	723-5354
	Barros John F.....	-5255	C005	723-5354
467	Leifman Lev J.....	-5255	C005	724-6442
475	Kanopkin Louis A.....	-5255	C005	725-2646
486	FRANCIS J VARIEUR ELEMENTARY.....	-5253	C005	729-6266
489	Delamare B P.....	-5255	C005	725-3324
	Delamare Robert J Jr.....	-5255	C005	725-8098
493	Leroux Herve A.....	-5255	C005	726-1107
497	Soares John B.....	-5255	C005	728-9264
	Soares Maria.....	-5255	C005	728-9264
517	Almeida Jon.....	-5725	C016	728-8136
	Coonecooney Philip S.....	-5725	C016	728-3851
525	Barbosa Adelai.....	-5765	C016	724-9477
	Barboza Louren.....	-5765	C016	723-7621
535	Lopes Avelino A.....	-5765	C016	725-7904
544	OAK HILL NURSING CTR.....	-5726	C016	725-8888
	PERSONACARE.....	-5726	C016	727-1313
	THERATEX.....	-5726	C016	728-0660
	Bourgeois Normand.....	-5726	C016	724-9681
	Brakenwagen Dora.....	-5726	C016	728-6223
	Gillis Evelyn.....	-5726	C016	724-9055
	Goldberg T.....	-5726	C016	727-1993
	Greifer Fred.....	-5726	C016	723-6524
	Hart L.....	-5726	C016	725-9295
	Kelaghan M E.....	-5726	C016	724-3483
	Lynch William.....	-5726	C016	726-0086
	McCabe E.....	-5726	C016	723-4761
	Merrifield Edward.....	-5726	C016	723-2305
	Monaghan H.....	-5726	C016	724-4990
	Moody Madell.....	-5726	C016	949-5563
	Morrisette L.....	-5726	C016	727-2862
	Mullen R.....	-5726	C016	722-7535
	Norato M.....	-5726	C016	722-2755
	Provost C.....	-5726	C016	729-0373
	Roberts Lester E.....	-5726	C016	724-4663
	Serro C.....	-5726	C016	725-3315
	Simons D.....	-5726	C016	725-1588
	Steiner A H.....	-5726	C016	728-6348
	Tarvis Doris.....	-5726	C016	729-9632
	Venetsky B.....	-5726	C016	724-1925
	Watson F.....	-5726	C016	726-8435
553	Sheehan C.....	-5727	C016	723-7853
	Sheehan Kevin.....	-5727	C016	723-7853
557	Yosinoff Louis.....	-5727	C016	725-3066
562	Nichols J.....	-5726	C016	727-2034
564	Ditondo Mark.....	-5726	C016	728-1428
	Vadnais C.....	-5726	C016	724-0388
565	Hazen Morris.....	-5727	C016	722-2115
697	Sigers A.....	-6147	C016	724-3413
707	Ventura John.....	-6147	C016	727-1274
713	Simon Donald H.....	-6147	C016	725-7391
724	Davisstiles P.....	-6131	C017	722-2247
733	Campbell Duncan.....	-6130	C017	728-6506
	Kazura S.....	-6130	C017	722-4425
745	Dussault L.....	-6130	C017	726-6924
	Schechter S.....	-6130	C017	725-9689
	Sjoberg E R.....	-6130	C017	725-8271
	Walleston M.....	-6130	C017	727-4716
	Walleston Wayne.....	-6130	C017	727-4716
752	RIVERSIDE CEMETERY.....	-6131	C017	725-4344
BUSINESSES 18		HOUSEHOLDS 109		

PLEASANT ST 1989

TIDEWATER ENDS

359★O'Brien Dennis T 723-9818

★Reis Joseph

360★Pipa Joao C 722-3481

Bento Joseph S 726-1447

★Silva Arth G 724-1455

367 Marques Manuel 726-1447

370 Silva Carlos 728-1067

371★Andrade Joel 724-1756

HARVEY ENDS

372★Barros John F 723-5354

JEFFERS BEGINS

394 Judy's Beauty Salon 724-1030

Mulberry Anthony A 726-1447

395 Alix Welding Co Inc 722-2454

RHODES BEGINS

400 Duhamel Donald J 724-3414

MERRY BEGINS

428 Kan-Do Corp wldg 723-7562

Alix Roger J 723-7562

BENSLEY BEGINS

450 Bocchini Jeanne R Mrs 725-4478

455 Metivier Edmond M 725-4478

467 Leifman Lev J 724-6442

475 Kanopkin Louis A 725-2646

483 Vido Manuel 722-9497

486 Varieur Francis J Elementary Sch
728-2120

BOWLES CT BEGINS

489 Delamare Robt J 725-3324

493 Koehler John P 725-3324

497 Dos Santos Ronald 723-9335

Dos Santos Alf R 723-9335

Taylor Alf

LYMAN INTERSECTS

505 Mello Alf G 722-7761

517 Kiley Ann T 722-7761

SHOREHAM BEGINS

525 Almeida John J 728-8136

535 Lopes Avelino A 725-7904

FOWLER BEGINS

537 Read Max W Memorial Field

542 Vacant

544 Oak Hill Nursing Center Inc 725-8888

553 Vacant

555★Costa Mary 725-3066

557 Yosinoff Louis 725-3066

562 No Return

PLEASANT ST 1984

	40
TOWER INTERSECTS	
334 Red Farm Studio greeting cards 728-9300	
S H S Competition Shooting Supplies Inc 727-1716	
345 Blinkhorn Ernest Gomes Jose 724-4770	
351 Costa Mary C Mrs 722-5599 Vigneau Norman	
353 Bobola Henry E © 726-4421	
TIDEWATER ENDS	
359★Jesus Tiago D 728-4645 Whittaker Richd M 728-1935	
360★Gaspar Edwardo Bento Joseph S © 726-1447 Araujo Jose 72-6520	
367 Marques Manuel ©	
370★Silva Manuel	
371 Gagan Edw J 728-9108	
HARVEY ENDS	
372 Borros John F	
378 Jackson Harold W Jr 724-6488	
380 Tente Arnold © 726-0499	
JEFFERS BEGINS	
394 Judy's Beauty Salon 724-1030 Mulberry Anthony A ©	
395 Alix Welding Co Inc 722-2454 Alix Welding Radiator Division Inc 722-2454	
RHODES BEGINS	
400 Duhamel Donald J © 724-3414	
MERRY BEGINS	
428 Alix Roger J © 723-7562	
BENSLEY BEGINS	
450 Bocchini Jeanne R Mrs © 723-7315	
455 Metivier Edmond M. © 725-4478	
467 Leifman Lev J © 724-6442	
475 Kanopkin Louis A © 725-2646	
483 Gregorio Beatrice Mrs © 722-9497	
486 Varieur Francis J Elementary Sch 728-2120	
BOWLES CT BEGINS	
489 Delamare Robt J © 725-3324	
493 Koehler John P	
497 Dos Santos Ronald 723-9335 Dos Santos Alf R © 723-9335 Santos Lillian 724-5043	
	4

PLEASANT ST 1979

	Lawrence Vernon S 722-6352
353	Bobola Henry E © 726-4421
	TIDEWATER ENDS
359	Barros John F 723-5354
	Shaw Arthur H
360	Ferreira Manuel
	Bento Antonio © 724-2651
	Araujo Jose
367	Marques Manuel ©
370	Madeira Maria Mrs © 723-6255
371	Gagan Edw J 723-8448
35	HARVEY ENDS
372	Bobola Muriel M Mrs 728-6522
378	Vacant
380	Tente Aurora Mrs © 726-0499
	JEFFERS BEGINS
394	Mulberry Anthony A ©
395	Alix Welding Co Inc 722-2454
	RHODES BEGINS
400	Mulberry Claire M Mrs © 725-4241
	MERRY BEGINS
428★	Arnold Walter Jr ©
	BENSLEY BEGINS
450	Bocchini Michl A © 723-7315
455	Metivier Edmond M © 725-4478
467	Graveline Marie G Mrs © 724-4355
475	Kanopkin Louis A © 725-2646
483	Gregorio Beatrice Mrs © 722-9497
486	Varieur Francis J Elementary Sch
	728-2120
	BOWLES CT BEGINS
489	Delamare Robt J © 725-3324
493	Koehler John P © 723-6578
497	Dos Santos Ronald
	Dos Santos Alf R © 723-9335
	Santos Lillian Mrs
	43
	LYMAN INTERSECTS
505	Mello Alf G © 722-3933
	SHOREHAM BEGINS

PLEASANT ST 1974

e 353 Mello Delia 726-4421

359 Barros John F 723-5354

Sevegny Neil 728-0642

TIDEWATER ENDS

360 Dosries Joaquim ©

No Return

Vacant

367 Marques Manuel ©

370 Madeira Maria Mrs ©

371 Vacant

HARVEY ENDS

372 Veilleux Tancred J 728-2297

378 Vacant

380 Tente Antonio © 726-0499

JEFFERS BEGINS

383 Slumbar Eleanor Mrs ©

391 Vacant

393 Vacant

394 Mulberry Anthony A ©

395 Alix Welding Co Inc 722-2454

RHODES BEGINS

400 Mulberry Anthony © 722-7971

MERRY BEGINS

428 Alix Roger J © 723-7562

BENSLEY BEGINS

450 Bocchini Michl A © 723-7315

455 Metivier Edmond M © 725-4478

467 Graveline Marie G Mrs © 723-2528

475 Kanopkin Louis A © 725-2646

483 Gregorio Beatrice Mrs © 722-9497

486 Varieur Francis Elementary Sch

489 Drobiazgiewicz Frank ©

497 Vacant

Dos Santos Alf R 723-9335

Dos Santos Manuel 722-2496

43

LYMAN INTERSECTS

505 Mello Alf G © 722-3933

PLEASANT ST 1969

77

---TOWER INTERSECTS
 345 SERA MARIA 722-4354
 BOBOLA JOSEPHINE MRS
 351 COSTA RAMIRO J PA2-5599
 353 MELLO DELIA • 726-4421
 359 SOARES ROGERIO A
 LEPPORICE NELLIE MRS
 ---TIDEWATER ENDS
 360 LOPES AVELINO A • PA5-7904
 CHARTIER DONA N
 MARQUES MANUEL 724-6314
 367 JETTE GEO A • PA3-2449
 CONTI ELEANOR
 370 MADERIA MARIA MRS •
 371 KNIGHT ROBT C 723-6186
 WARE WM E
 ---HARVEY ENDS
 372 JAMIESON HUGH 724-3108
 378 NO RETURN
 380 TENTE ANTONIO •
 ---JEFFERS BEGINS
 383 SLUMBAR ELEANOR MRS • 724-2113
 393 LIMA SULIMA C MRS • PA2-8747
 LIMA EDWIN D 722-6979
 394 MULBERRY ANTHONY A • PA4-4648
 395 ALIX WELDING CO INC PA2-2454
 ---RHODES BEGINS
 400 CARVALHO JOHN B •
 ---MERRY BEGINS
 428 ALIX ROGER J • 723-7562
 ---BENSLEY BEGINS
 450 BOCCHINI MICHL A • PA3-7315
 455 METIVIER EDMOND M • 725-4478
 467 GRAVELINE FREDK E • PA3-2528
 475 KANOPKIN LOUIS A • 725-2646
 483 GREGORIO ANTONIO • 722-9497
 489 DROBIAZGIEWICZ FRANK •
 PA6-3820
 497 SANTOS SYLVINA • PA2-6862
 SANTOS ALF R PA3-9335
 SANTOS MANUEL PA2-2496

15

---LYMAN INTERSECTS

PLEASANT ST 1964

TIDEWATER ENDS

- 367 JETTE GEO A • PA3-2449
 TSIMIKAS CHRISTOS 723-6486
 370 FONSECA ANTONIO •
 371 GAGAN EDW J PA3-8099

HARVEY ENDS

- 372 GREGORIO ANTONIO PA2-9497
 378 VACANT
 380 TENTE ANTONIO •

JEFFERS BEGINS

- 383 SLUMBAR ELEANOR MRS •
 393 LIMA SULIMA C MRS • PA2-8747
 LIMA EDWIN
 394 MULBERRY ANTHONY A PA4-4648
 395 ALIX WELDING CO INC WELDING
 AUTO REPAIRS PA2-2454

RHODES BEGINS

- 400 CARVALHO JOHN B • PA3-9629
 406 JEAN EDITH B MRS PA5-8936
 412 DALE ADA L MRS

MERRY BEGINS

- 428 MICHALOPOULOS BESSIE MRS •
 PA2-6321

BENSLEY BEGINS

- 450 BOCCHINI MICHL A • PA3-7315

BOWLES ENDS

- 455 METIVIER EDMOND M • 725-4478
 467 GRAVELINE FREDK E • PA3-2528
 475 KANOPKIN LOUIS A • PA3-6853
 483 WALEDUDA WALTER • PA2-0653
 489 DROBIAZGIEWICZ FRANK •
 PA6-3820

PLEASANT ST 1964

PLEASANT ST--CONTD
497 SANTOS JOSEPH E • PA2-6862
SANTOS ALF R PA3-9335
SANTOS MANUEL PA2-2496

LYMAN INTERSECTS

505 MELLO ALF G • PA2-3933
506 BROWN MILTON G PA5-4456
SMALLS GEO H PA2-8220

PLEASANT ST 1959

▲Laurence Albertino
Tidewater st ends
 360▲Gionfriddo Mary Mrs ©
 ▲Cavanaugh Paul B
 Morris Raul F
 367 Healis Walter O ©
 370▲Fonseca Antonio ©
 371▲Gagan Edw J
 Sabourin Leo J jr
 372▲Gregorio Antonio
 373 Vacant
Harvey st ends
 378 Gribben Thos
 380▲Tente Antonio ©
Jeffers st begins
 383 Martch Jesse
 ▲Connolly Geo L
 393▲Lima Sulima C Mrs ©
 ▲Whitehead Richd M
 394▲Mulberry Anthony A
 395▲Alix John F auto repr
 and welding
 400▲Corey Jos A ©
 Corey Jos J
 406▲Jean Edith B Mrs
 412 Bronco Anthony
 Pocin Clement P
Merry st ends
 428▲Michalopoulos Bessie
 Mrs ©
Rhodes st begins
Bensley st begins
 450▲Bocchini Michele
 467 Vacant
 475▲Kanopkin Louis A ©
 483▲Waleduda Walter ©
 489▲Drobiazgiewicz Frank ©
Bowles st ends
 497▲Santos Jos E ©
 ▲Santos Alf
 ▲Santos Manuel
Lyman st crosses
 505▲Mello Alf G ©
 506▲Champoux Jean
 ▲Smales Geo H
 Bucko Jos M
 517▲Kiley Danl P ©
Russell st ends
 525▲Ferdman Benj ©
Fowler begins
 535▲McDonald Jos F ©
 544 Barron Richd
 553▲Dupuis Ernest F
 555▲Kenney Thos F
 557▲Yosinoff Louis ©
 560▲Barber Jos S veterinar-
 ian h ©
 565▲Hazen Morris ©
 575▲Pires Edmund A
 577▲Werner Clarence F
 ©
Cleveland st ends

PLEASANT ST 1953

262 Lopes Joaquim ©	393△Lima Sulima C Mrs
265 Patterson Clarence H	△Nilan Thos P
Murray Wm	394△Normandin Raoul A
267△David Oliver J	400△Corey Jos J ©
272 Bellas Jas	△Corey Jos A ©
274 Barbier Victor	406△Coutinho Amelia Mrs
276 Blanco Julio	412△Jean Alf A
△Blanco Jos	Poncin Clement P
286 Dufresne Arth	Merry st ends
Carnale Frank	422 Vacant
Trachtenberg Saml	428△Michalopoulos Saml ©
Winter st begins	Rhodes st begins
291 Dutertre Edw	Bensley st begins
Themis Michl V	450 Bocchini Maria Mrs
Geanolis Nicholas	Bowles st ends
293△Lamothe Esther F Mrs	497△Brooks David M
Constantinos Geo	△Santos Jos E ©
McKenna John F	△Santos Manuel
296 Perez Antonio	Lyman st crosses
Paiva Mabelia Mrs	505△Mello Alf G ©
Almeida Mary Mrs	506△Champoux Jean
Lama Louis	△Smales Geo H
301 Gaynor Jos L	△Rapoza Ralph R
Kapoien Doris R Mrs	517△Kiley Danl P ©
Vivieros Jos	Russell st ends
302 Baptista Manuel C	525 Ferdman Benj
Pedro Joaquin M	Fowler begins
305 Stanton Susan	535△Choquette Sylva E ©
Bronco Anthony	544△Cicone Domenic A ©
306△King Albert	△Weiner Irving
Jack Raymond	rear△Barber Jos S veterina
309 Vacant	ian h
311 Jaycot Henry C	553△Dupuis Ernest F ©
Coyle Albert T	555△Brindle Harold
314 Vacant	557△Yosinoff Louis ©
rear Vasconcellos Albert	565△Hazen Morris ©
315△Nunez Manuel A liquors	575△Gorman Sam H
Antunes Justin	577△Werner Clarence F
Frade Manuel	©
Durand Gaspard	Cleveland st ends
318 Kopoian Haigh	591△Henderson Raymond
McCallum Percy L	©
Palmisciano Jasparr	Sheffield ends
rear Plante Clifford G	Raleigh av ends
Doucette Henry	Wilcox av ends
323 Curvin Ellen A Mrs	Blaisdell av ends
Medeiros Manuel	697△Wright Edw ©
	Brown Duncan J
Tower st crosses	14 713△Skalko Francis C ©
345 Dion Danl J	Oak Hill av begins
Baptista Edw M	724△Davis Jos M ©
Ashworth Chas R	000 Riverside Cemetery
351 Costa Ramiro J	733△Bullock Raymond F
Teixeira Geo J	△Nickerson Mark A
353 DeMello Delia	745△Davis Carrie M Mrs
359 Paiva Antone F ©	△Jenney Eliz L
△Lawrence Albertino	△Lawson John B
	△Bellows Allan R
Tidewater st ends	△Griffing Robt G
360△Gionfriddo Gaetano bldg	Alfred Stone rd begn
contr h ©	765△Percy Jos monument
△Cavanaugh Paul B	work
Morris Raul F	△Riverside Cemetery
367 Healis Walter O ©	POIRIER fr Kenmore e
Oughton Chas	erly to Byron av wd 5
370△Fonseca Antonio ©	12 Cabral Manuel C jr ©
371 Gagan Edw H stmfr h	16 Neves Eleotairio
Gagan Edw J	Rosella av crosses
372△Gregorio Antonio	41△Sousa Jos ©
373 Vacant	Pollard av crosses
Harvey st ends	49△Mercier Norman J ©
378 Gribben Thos	50△Bush Geo ©
380△Tente Antonio ©	59△Choquette Hector E
Jeffers st begins	60△Geraghty Warren A ©
383△Nichols Fannie I	
Richard Aldel	POLLARD AVENUE fr
△Connolly Geo L	Campbell to Paul wd 3
Tomlinson Wm	12 Sherry Jos M jr ©
391 Storage	18△Long Ernest J ©

✓

-

PLEASANT ST 1948

372 Ribeiro Angelo A
 373 Vacant
Harvey st ends
 378 Gribben Thos
 380 Tente Antone ©
Jeffers st begins
 383 Duquette Elzear
 △Fiske Lawrence N
 Goave Lillian
 Pidgeon Alex
 Rea Armand J
 391 A&H Plumbing & Heat-
 ing Co
 393 Felicio Jos H
 Nilan Thos P
 394△Normandin Raoul A ©
 400 Corey Jos J
 406 Oliveira Antonio
 412 Jean Alf A
 Jackson Rose Mrs
 McGrath Edmond F
Merry st ends
 422 McGhee Philip H
 428 Lima Antonio D ©
Rhodes st begins
Bensley st begins
 450 Bocchini Angelo ©
Bowles st ends
 497△Brooks David M
 △Gumpson Geo F
 Hayhurst Arth
Lyman st crosses
 506 Smales Geo H
 Champoux Jean
 517△Kiley Danl P ©
Russell st begins
 525△Sherry Frank
Fowler av begins
 535△Choquette Sylva E ©
 544△Carpenter Clara B Mrs
 ©
 rear△Barber Jos S veterinar-
 ian h
 553△Dupuis Ernest F ©
 555△Kraft Thos F
 565△Hazen Morris ©

PLEASANT ST 1943

378 DelFino Geo
 380 Tente Antone ☉
Jeffers st begins
 383 Halulos Peter
 Pidgeon Alex
 Dacer Albert
 391 Vacant
 393 Corey Arthur F
 Corey Jos A
 394 Normandin Raoul A ☉
 400 Corey Jos J
 406 Oliveira Antonio
 412 Jean Alf A
Merry st ends
 422 McGhee Philip H
 428 Lima Antonio D ☉
Rhodes st begins
Bensley st begins
 450 Bocchini Angelo ☉
Bowles st ends
 497 Brooks David M
 DeGuilio John
 Silva Anthony T
Lyman st crosses
 506 Smales Geo H
 517 Kiley John F
Russell st begins
 525 Gill Catherine Mrs ☉
Fowler av begins
 535 Choquette Sylva E ☉
 544 Carpenter Clara B Mrs ☉
 rear Barber Jos S veterinar-
 ian h
 553 Dupuis Ernest F ☉
 555 Csisar Jos E
 565 Hazen Morris ☉
 575 Gorman Sam H
 577 Werner Clarence F
Cleveland st ends
 591 Henderson Raymond F
 ☉
Sheffield av ends
Raleigh av begins
Wilcox av ends
 Blodell av ends

✓

-

PLEASANT ST 1938

359 Domingoes Manuel ☉
 Felicio Jose A
Tidewater st ends

360 Gionfriddo Gaetano bldg
 contr h ☉
 Hadad Michl
 Morris Raul F

367 Nilan Owen J
 Fogarty John F
 Nilan Thos P

370 Fonseca Antonio ☉

371 Gagan Edwd H stmftr h
 Gagan Jennie E Mrs ☉

372 Caetano Felisimino

373 Halloran Annie Mrs gro
Harvey st ends

378 DelFino Geo

380 Tente Antone
Jeffers st begins

383 Brodeur John
 Halulos Peter
 Riftes Geo
 Walz Jacob

391 Vacant

393 Finneran Thos A ☉
 Fox John F

394 Normandin Raoul A ☉

400 Corey Jos J ☉

406 Oliveira Antonio

412 King Jennie Mrs
 Spano Antonio A
Merry st ends

422 Christian John A

428 Hogan Annie L ☉
Bensley st begins
Rhodes st begins

450 Bocchini Angelo ☉
Bowles st ends

474 Smales Geo H

476 Kiley Maurice L

497 Brannigan Herbert H
 Couch Irene Mrs
 DeGuilio John
Lyman st crosses

506 Smales Ann Mrs ☉

517 Kiley John F
Russell st ends

525 Gill Catherine Mrs
Fowler av begins

535 Choquette Sylva E ☉

544 Carpenter Clara B Mrs ☉
 rear Vacant

553 Mulcahy Fredk L

555 Shaw Benj F

565 Vacant

575 Vacant

577 Werner Clarence F
Cleveland st ends

591 Henderson Raymond F
 ☉

Appendix C

Regulatory Records Documentation

CURRENT OWNER		TOPO.	UTILITIES	STRT./ROAD	LOCATION	CURRENT ASSESSMENT	Assessed Value
CITY OF PAWTUCKET FRANCIS J VARIEUR ELEMENTARY 486 PLEASANT ST		1 Level	1 All Public	1 Paved		Code 7900 7900 7900	Appraised Value 5,563,500 329,200 75,600
PAWTUCKET, RI 02860 Additional Owners:		SUPPLEMENTAL DATA		Spot Loc Fac 200 In Law Apart Call Back Abutter Lot MH Park Nar		5412 PAWTUCKET, RI	
Other ID: 650644		BK-VOL/PAGE		SALE DATE		ASSOC PID#	
Census		/		12/31/2003 U		5,968,300	
Srvy Drwr/Bk		/		01/01/1800 U		5,968,300	
% Res						5,563,500	
Routing						329,200	
Status						75,600	
GIS ID: 650644						5,968,300	

RECORD OF OWNERSHIP		BK-VOL/PAGE	SALE DATE	Q/U	V/I	SALE PRICE	V.C.
CITY OF PAWTUCKET PAWT SCHOOL DEPT		/	12/31/2003 U			0	
		/	01/01/1800 U				
EXEMPTIONS		Amount	Code	Description	Number	Amount	Comm. Int.
Total:							

OTHER ASSESSMENTS		Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
Total:		2013	7900	5,563,500	2012	7900	5,563,500
		2013	7900	329,200	2012	7900	329,200
		2013	7900	75,600	2012	7900	75,600
Total:				5,968,300			5,968,300

ASSESSING NEIGHBORHOOD

NBHD: SUB 0001/A Street Index Name Tracing Batch

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

RECORD OF OWNERSHIP		BK-VOL/PAGE	SALE DATE	Q/U	V/I	SALE PRICE	V.C.
CITY OF PAWTUCKET PAWT SCHOOL DEPT		/	12/31/2003 U			0	
		/	01/01/1800 U				
EXEMPTIONS		Amount	Code	Description	Number	Amount	Comm. Int.
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
Total:		0001/A			

EXEMPTIONS		Year	Type	Description	Amount	Code	Description
Total:							

ASSESSING NEIGHBORHOOD		NBHD: SUB	Street Index Name	Tracing	Batch
-------------------------------	--	------------------	--------------------------	----------------	--------------

CURRENT OWNER CITY OF PAWTUCKET MAX READ FIELD 486 PLEASANT ST	TOPO. I Level	UTILITIES I All Public	STRT./ROAD I Paved	LOCATION
PAWTUCKET, RI 02860 Additional Owners:	SUPPLEMENTAL DATA Other ID: 650646 Spot Loc Fac 125 In Law Apart Call Back Abutter Lot MH Park Nai ASOC PID#			
RECORD OF OWNERSHIP	BK-VOL/PAGE /	SALE DATE 12/31/2003 U	% /	SALE PRICE 0
CITY OF PAWTUCKET PAWT SCHOOL DEPT		01/01/1800 U		

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2013	7800	194,800	2012	7800	194,800	2012	7800	194,800
2013	7800	13,500	2012	7800	13,500	2012	7800	13,500
Total:		208,300	Total:		208,300	Total:		208,300

EXEMPTIONS

Year	Type	Description	Amount	Code	Description	Number	Amount	Comm. Int.
OTHER ASSESSMENTS								

ASSESSING NEIGHBORHOOD

NBHD: SUB 0001/A	Street Index Name	Batch

NOTES

APPRaised VALUE SUMMARY

Appraised Bldg. Value (Card) 0
 Appraised XF (B) Value (Bldg) 0
 Appraised OB (L) Value (Bldg) 13,500
 Appraised Land Value (Bldg) 194,800
 Special Land Value 0
 Total Appraised Parcel Value 208,300
 Valuation Method: C
 Adjustment: 0
Net Total Appraised Parcel Value 208,300

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments

VISIT/CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result
03/31/2009	AD	91	00	91	Com Review/Reconciliat
03/09/2009	RD	00	00	00	Measured & Listed
02/13/1998	DS	99	99	99	Vacant Lot Insp

LAND LINE VALUATION SECTION

B Use # Code	Use Description	Zone	D	Front	Depth	Units	Unit Price	Factor S.A.	% Comp.	Date Comp.	Comments	Notes-Adj	S Adj Fact	Adj. Unit Price	Land Value
I 920	Mun Lnd Com	PO				1.08 AC	90,200.00	1.0000	C			2.00 INI 1.00 USE	1.00	180,400.00	194,800
Total Card Land Units: 1.08 AC														Parcel Total Land Area: 1.08 AC	Total Land Value: 194,800

CURRENT OWNER CITY OF PAWTUCKET MAX READ FIELD 486 PLEASANT ST PAWTUCKET, RI 02860 Additional Owners:	TOPO. 1 Level	UTILITIES 1 All Public	STRI./ROAD 1 Paved	LOCATION	CURRENT ASSESSMENT Code 7800 7800	Appraised Value 139,200 7,200	Assessed Value 139,200 7,200	5412 PAWTUCKET, RI
SUPPLEMENTAL DATA Other ID: 650650 Census In Law Apart Srvy Drwr/Bk Call Back % Res Abuffer Lot Routing MH Park Nai Status GIS ID: 650650				ASSOC PID#	Total 146,400		VISION	

RECORD OF OWNERSHIP		BK-VOL/PAGE	SALE DATE 12/31/2003	U	SALE PRICE 0	V.C.
CITY OF PAWTUCKET PAWT SCHOOL DEPT		/	01/01/1800	U	0	

EXEMPTIONS		Amount	Code	Description	Number	Amount	Comm. Int.
Year	Type						
Total:		146,400				146,400	

ASSESSING NEIGHBORHOOD		Street Index Name	Tracing	Batch
NBHD: SUB	0001/A			

NOTES		Appraised Bldg. Value (Card)	0
		Appraised XF (B) Value (Bldg)	0
		Appraised OB (L) Value (Bldg)	7,200
		Appraised Land Value (Bldg)	139,200
		Special Land Value	0
		Total Appraised Parcel Value	146,400
		Valuation Method:	C
		Adjustment:	0
		Net Total Appraised Parcel Value	146,400

BUILDING PERMIT RECORD		Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments

LAND LINE VALUATION SECTION											
B Use Code	Use Description	Zone	D	Front	Depth	Units	Unit Price	I. Factor	S.A. Factor	C. ST. Factor	ST. Idx
1	Mun Lnd Com	PO				21,498	SF	3.24	1.0000	C	2.00
Notes-Adj										Adj.	USE
Special Pricing										1.00	6.48
S. Adj Fact										1.00	139,200
Adj. Unit Price										6.48	139,200
Land Value										139,200	139,200
Total Card Land Units:										0.49 AC	Parcel Total Land Area: 0.49 AC
Total Land Value:										146,400	139,200

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2013	7800	139,200	2012	7800	139,200
2013	7800	7,200	2012	7800	7,200
Total:		146,400	Total:		146,400

This signature acknowledges a visit by a Data Collector or Assessor

(2227)

BOOK 888 PAGE 27

INDENTURE

This indenture made this *31st* day of *July*, 1963, between Blackstone Valley Electric Company, a public utility corporation duly created by the General Assembly of the State of Rhode Island and Providence Plantations (hereinafter referred to as the party of the first part), and the City of Pawtucket, a municipal corporation duly created by the General Assembly of the State of Rhode Island and Providence Plantations (hereinafter referred to as the party of the second part).

WITNESSETH that the party of the first part, for and in consideration paid to it by the party of the second part, the receipt whereof is hereby acknowledged, does by these presents grant, bargain, sell and convey to the party of the second part and its assigns, forever, all that tract or parcel of land situated in the City of Pawtucket, County of Providence, and State of Rhode Island, described as follows, to wit:

PARCEL 1.

A certain tract or parcel of land bounded and described as follows:

Beginning at the northeasterly corner of Pleasant Street and Lyman Street; thence running northerly bounding westerly on said Pleasant Street fourteen and twenty-hundredths (14.20) feet to a granite bound at an angle in the easterly line of said Pleasant Street; thence turning an interior angle of $176^{\circ}-28'-30''$ and continuing northerly bounding westerly on said Pleasant Street two hundred ninety-four and sixty hundredths (294.60) feet to the southerly line of an un-named platted street (sometimes referred to as Thornton Street) for a corner; thence turning an interior angle of $99^{\circ}-31'$ and running easterly bounding northerly on said un-named platted street five hundred nineteen and six hundredths (519.06) feet to a point for a corner; thence turning an interior angle of $82^{\circ}-10'$ and running southerly bounding easterly on remaining

land of the party of the first part herein three hundred seven and eleven hundredths (307.11) feet to an angle in the northerly line of said Lyman Street for a corner; thence turning an interior angle of $97^{\circ}-54'-26''$ and running westerly, bounding southerly on said Lyman Street, five hundred twenty-six and eighty-two hundredths (526.82) feet to the first mentioned point or place of beginning.

However bounded and described, it is the intent herein to include lots numbered 15 to 34, inclusive, lots numbered 44 to 53, inclusive, and the westerly portion of lots numbered 35, 36, 38 and 54 on plat entitled, "River View' Plat of House Lots and Other Property Belonging to the Pawtucket Gas Co. Pawtucket, R. I. 1897", recorded in the City Clerk's office December 28, 1897 on plat card #286, being part of the same premises conveyed to the party of the first part herein by deed from The Pawtucket Gas Company dated May 28, 1925 and recorded in deed book No. 257 at Page 210 in the Records of Land Evidence at Pawtucket, Rhode Island, and a portion of Bowles Street which was abandoned by the City of Pawtucket.

PARCEL 2.

A certain tract or parcel of land bounded and described as follows:

Beginning at a point on the southerly line of Lyman Street one hundred (100) feet east of the south-east corner of said Lyman Street and Pleasant Street; thence running easterly bounding northerly on said Lyman Street four hundred and eight hundredths (400.08) feet to an angle in said Lyman Street for a corner; thence turning an interior angle of $133^{\circ}-13'-34''$ and running southeasterly bounding northeasterly on said Lyman Street thirty-two and thirty-two hundredths (32.32) feet to a point for a corner; thence turning an interior angle of $128^{\circ}-47'$ and running southerly bounding on remaining land of the party of the first part herein sixty-seven and twelve hundredths (67.12) feet to a point for a corner; thence turning an interior angle of $97^{\circ}-54'-26''$ and running westerly bounding southerly in part on Parcel 3 herein conveyed and in part on land now or formerly of the City of Pawtucket four hundred twenty-two and forty-six hundredths (422.46) feet to a point for a corner; thence turning an interior angle of $84^{\circ}-00'-40''$ and running northerly bounding westerly on land now or formerly of Edward Snow et ux ninety and forty-nine hundredths (90.49) feet to the first mentioned point or place of beginning.

However bounded and described, it is the intent herein to include lots numbered 2 to 9, inclusive, and

the southwesterly portion of lot numbered 10 on plat entitled, "River View' Plat of House Lots & Wharf Property Belonging to the Pawtucket Gas Co. Pawtucket, R. I. 1897", recorded in the City Clerk's Office December 28, 1897, on plat card No. 286, being part of the same premises conveyed to the party of the first part herein by deed from The Pawtucket Gas Company, dated May 28, 1925 and recorded in deed book No. 257 at page 210 in the Records of Land Evidence at Pawtucket, Rhode Island.

PARCEL 3.

A certain tract or parcel of land bounded and described as follows:

Beginning at a concrete bound stone in the southeasterly line of a plat entitled "River View' Plat of House Lots & Wharf Property Belonging to the Pawtucket Gas Co. Pawtucket R. I. 1897", which point is the southeasterly corner of Lot No. 9 on said plat, said point being five hundred nine and fifty-two hundredths (509.52) feet northeasterly from the easterly line of Pleasant Street, measured along the southeasterly line of said plat; thence running with said southeasterly line of said "River View" plat bounding northerly on Parcel 2 herein twelve and ninety-four hundredths (12.94) feet to a point for a corner; thence turning an interior angle of $151^{\circ}-49'-16''$ and running southeasterly bounding northeasterly on remaining land of the party of the first part herein four hundred forty (440) feet, more or less, to the Pawtucket River; thence running southerly, bounding easterly on said Pawtucket River, to land now or formerly of Christine A. McHale for a corner; thence running westerly bounding southerly on said land now or formerly of Christine A. McHale four hundred twenty-three (423) feet, more or less, to a point for a corner at land now or formerly of River Sand and Gravel Company, Inc., which point is five hundred sixty-five and forty-five hundredths (565.45) feet easterly from the easterly line of Pleasant Street measured along the northerly line of said land now or formerly of Christine A. McHale; thence turning an interior angle of $89^{\circ}-54'-30''$ and running northerly bounding westerly in part on land now or formerly of River Sand and Gravel Company, Inc. and in part on land now or formerly of the City of Pawtucket, four hundred twelve and ninety-seven hundredths (412.97) feet to the concrete bound stone at the first mentioned point or place of beginning.

However bounded and described, it is the intent herein to convey to the party of the second part the southerly portion of that certain parcel of land conveyed to the party of the first part herein by that certain deed from George A. Mitchell et al dated

January 6, 1947 and recorded in the Records of Land Evidence at Pawtucket, R. I. in Book No. 393 at Page 260. For further description of the property conveyed to the party of the first part herein, reference is made to plat entitled, "Plat Made to Accompany Deed from George A. Mitchell et al. To Blackstone Valley Gas and Electric Co. Being the Easterly Portion of Lot 1 on Assessors Plat 65", recorded in the Records of Land Evidence of the City of Pawtucket, Rhode Island, on Plat Card #433; together with that certain parcel of land conveyed to the party of the first part herein by that certain deed from Clara B. Carpenter et al. dated February 25, 1949 and recorded in the Records of Land Evidence of the City of Pawtucket, R. I. in Book 428 at Page 50. For a further description of the latter property thereby conveyed, reference is made to a plan entitled "Plan Made to Accompany Deed From Sidney T. Carpenter Heirs to Blackstone Valley Gas and Electric Company, being the Easterly Portion of Lot 9 on Tax Assessors' Plat No. 67", recorded in the Records of Land Evidence of the City of Pawtucket, Rhode Island on Plat Card No. 441.

Together with all and singular the littoral, riparian, shore rights, water rights, easements, privileges and appurtenances of the party of the first part as riparian proprietor upon said Pawtucket River, and without diminishing the generality of the foregoing, including the party of the first part's title to the river bed, channel, banks, margins and shores, and also the accretions and alluvium, the water power, the flow of the stream, rights of diversion, overflow, back-water and inundation relative to said River, and the party of the first part's rights to mill sites, to construct dams, obstructions, barriers, embankments, sluiceways, tail-races and conduits, and the rights to fill out and wharf out.

Said premises are more particularly designated as Parcels 1, 2 and 3 on that certain sketch marked "Exhibit A", entitled, "PLAN MADE TO ACCOMPANY DEED OF THREE PARCELS OF LAND ON EAST SIDE OF PLEASANT STREET, PAWTUCKET, RHODE ISLAND, TO BE CONVEYED BY BLACKSTONE VALLEY ELECTRIC COMPANY TO THE CITY OF PAWTUCKET, SCALE: 1"=60' AUGUST 1935", which is attached hereto, incorporated herein and made a part hereof.

Subject to all existing rights, easements and encumbrances of record. And subject further to the following restrictions, reservations, rights and covenants:

I

a) The party of the first part reserves unto itself, its successors and assigns a perpetual right

and easement to maintain, operate, repair, and renew its existing pole lines and overhead circuits thereon in and to the following described premises:

Beginning at a point in Lyman Street where said party of the first part's pole line intersects the northerly bound of Parcel 2 hereof and for a width of forty (40) feet, measuring twenty (20) feet on either side of said pole line, and following said pole line in a southeasterly direction to a point where it turns in an easterly direction and thence following said pole line in such an easterly direction (and for the same width of forty (40) feet as measured aforesaid) to a point in the easterly line of said Parcel 2 hereof.

b) The party of the second part covenants, in further consideration of this conveyance, that it (the party of the second part) shall permit the party of the first part to operate and maintain in perpetuity its existing pole line and overhead circuits thereon (which said pole line extends from the party of the first part's generating station property, located in whole or in part on Lot 632, Assessors Plat 65, to Pleasant Street) in those portions of Lyman Street and Stiness Street that it (the said pole line) presently occupies.

c) The party of the second part also covenants, in further consideration of this conveyance, that if the party of the first part should agree, at the request of the party of the second part, to relocate this existing pole line, or any part thereof, from its present position in Lyman Street, in Parcel 2 hereof and in Stiness Street, above or below ground, the party of the second part shall provide a definite location therefor suitable and agreeable to the party of the first part; and the party of the second part further covenants that it shall reimburse the party of the first part for any and all costs incurred by the party of the first part in connection with such relocation of the said pole line, in whole or in part.

II

a) The party of the second part covenants that, in further consideration of this conveyance, it shall forthwith convey title to the party of the first part hereunder to that area designated as Stiness Street, located south of land owned by the party of the first part (Lot 632, Assessor's Flat 65) and north of other land owned by said party of the first part (Lot 595, Assessor's Plat 65) and bounded on the east by the Partucket River and on the west by the easterly end of Lyman Street.

b) If conveyance of title to this area by the party of the second part to the party of the first part hereunder by deed is prohibited either by law or municipal regulation then the party of the second part covenants to institute forthwith the necessary action to effectuate an abandonment of such.

III

a) The party of the second part also covenants, in further consideration of this conveyance, that it shall forthwith convey title to the party of the first part hereunder to that portion of Lyman Street extending from the westerly end of Stinson Street to a point in line with the easterly bounds of Parcels 1 and 2 hereunder.

b) If conveyance of title to this area or portion of Lyman Street by the party of the second part to the party of the first part hereunder by deed is prohibited either by law or municipal regulation then the party of the second part covenants to institute forthwith the necessary action to effectuate an abandonment of such.

IN WITNESS WHEREOF the said party of the first part and the said party of the second part, by their duly authorized officers, have caused this instrument and a duplicate thereof to be signed and sealed the day and year first above written.

Executed in presence of:

Blackstone Valley

[Signature]

By [Signature]
President

City of Pawtucket

[Signature]

By [Signature]
Mayor

State of Rhode Island
Providence, Sc.

In Pawtucket on the 31st day of July, 1938

BOOK 682 PAGE 33

before me personally appeared Eugene F. Reynolds to me known and known by me to be the President of Blackstone Valley Electric Company and he acknowledged said instrument by him signed to be his free act and deed and the free act and deed of the said corporation.

[Handwritten Signature]

Notary Public

State of Rhode Island
Providence, Sc.

In Pawtucket on the *31st* day of *July*, 1968
before me personally appeared Robert F. Burns to me known and known by me to be the Mayor of the City of Pawtucket and he acknowledged said instrument by him signed to be his free act and deed and the free act and deed of the said City.

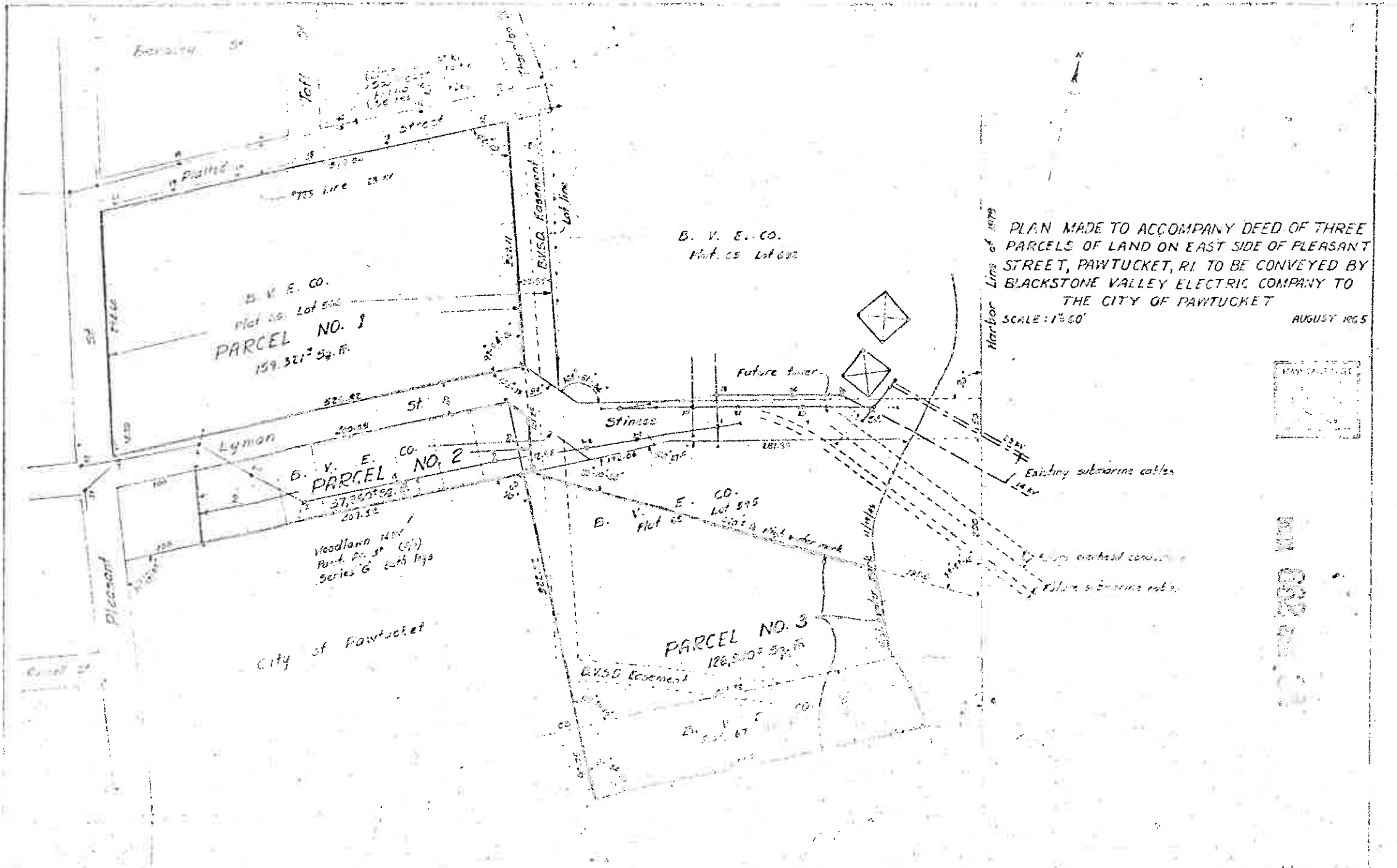
[Handwritten Signature]

Notary Public

[Faded Notary Seal]

Record for Record Aug 1 1968 at 12:16 P.M.

"Exhibit A"



AUG 1 1968

LOT 283

PLAT 65.

OWNER.

DATE.		Ledger Page		
Sept 20. 1877	2	348	Martin Havery	
July 1877			William H. Hany	
July 1 1879	2	348	Ann Smales	
6-4-98	85	153	Edward & Alife Snow	J.S.
1943	371	92	City of Pawt.	
1968	656	64	Dropped into 646	

LOT 568

PLAT 65.

OWNER.

Part 556

DATE.		Ledger Page		
1942			B. V. P. Co.	
			Dropped into 646-647	

65/664
65/660
65/

LOT 283 **PLAT 65.**

OWNER.

DATE.	Ledger Page	OWNER.
Sept 20. 1877	2 348	Martin Harvey
July 1 1879	2 348	William H. Harvey ✓
6-4-98	85 153	Ann Smale
1943	371 92	Edward & Alise Snow
1968	656 64	City of Pawt.

Dropped into 646 J.S.

LOT 650 **PLAT 65.**

OWNER. Wm Lyman St

DATE.	Ledger Page.	OWNER.
1969		City of Pawtucket



LOT 566		PLAT 65.
DATE.	Ledger Page.	OWNER.
1924		B. I. STE CO Dropped into 644-645

PLAT 65.

LOT 646

DATE.	Ledger Page.	OWNER.
1968 662	27 To	City of Pawtucket

Was 27172 211-302 to 349 in. + part 568

PLAT 65.

LOT 341

DATE.	Ledger Page.	OWNER.
1-29-77	55	Pawtucket
9-30-78	55 280	Ann Smaler
1943	371 92	Edward & Alice Snow
1968	656 64	City of Pawt. J.S.

Dropped into 646

LOT 342		PLAT 65.
DATE.	Ledger Page.	OWNER.
12-29-97		Pawt Gas Co
1925	257 210	B. V. G + E. Co
		Dropped into 646

LOT 349.		PLAT 65.
DATE.	Ledger Page.	OWNER.
12-29-97		Pawt Gas Co.
1925	257 210	B. V. G + E. Co
		Dropped into 646

Appendix D

Supporting Interview Documentation



**PROPERTY OWNER/USER PRE-SURVEY QUESTIONNAIRE:
 PHASE I ENVIRONMENTAL SITE ASSESSMENT**

EA has been retained to conduct a Phase I Environmental Site Assessment (ESA) of the following property. The Phase I ESA will involve site observations, interviews, and a review of available documentation. To ensure the success of the assessment, and in accordance with the Scope of Work for this assessment, we request that you complete this questionnaire. We can pick up completed questionnaire during the site visit.

Date: 6/17/14

Name of person completing questionnaire: DENNIS J. REBELO Company: PAWT. SCHOOL DEPT

Length of association with property: 11 YRS Phone Number: 401-265-1654

Property Name/Address: 486 PLEASANT ST, PAWTUCKET, RI.

Please check appropriate box(es): Property Owner: User:

Directions: Please answer all questions to the best of your knowledge and in good faith. Mark the column corresponding to the appropriate response ("Y" = Yes; "N" = No; "U/NR" = Unknown). Additional details necessary to explain any yes or unknown responses should be provided in the "Comments" column.

	QUESTION	RESPONSE			COMMENTS
		Y	N	U/NR	
1	Are you aware of any pending, threatened, or past litigation relevant to hazardous substances of petroleum products in, on or from the property?		X		
2	Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?		X		
3	Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?		X		TIDEWATER FAL. DOWN THE STREET.
4	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?		X		
5	Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?		X		
6	Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business.		X		
7	Does the purchase price being paid for this property reasonably reflect fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?			NR	



**PROPERTY OWNER/USER PRE-SURVEY QUESTIONNAIRE:
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 (__SITE NAME\ \ADDRESS__)**

QUESTION		RESPONSE			COMMENTS
		Y	N	U/NR	
8	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional identify conditions indicative of releases or threatened releases? For example,		X		
	8A Do you know the past uses of the property?		X		
	8B Do you know of specific chemicals that are present or once were present at the property?		X		
	8C Do you know of spills or other chemical releases that have taken place at the property?		X		
	8D Do you know of any environmental cleanups that have taken place at the property?		X		
9	Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?		X		TIDEWATER FACILITY DOWN THE STREET

In addition to the above, are you aware of any of the following documents? If so, please provide copies to our Environmental Professional on the date of the on-site assessment:

- 1 - Environmental site assessment reports (i.e., Phase I, Phase II, tank testing results, radon, lead paint, or asbestos testing, etc.):
- 2 - Environmental compliance audit reports:
- 3 - Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits):
- 4 - Registrations for underground storage tanks (USTs) and aboveground storage tanks (ASTs):
- ✓ 5 - Material safety data sheets: *CLEANING PRODUCTS*
- 6 - Community right-to-know plan:
- 7 - Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc:
- 8 - Reports regarding hydrogeological conditions on the property and surrounding area:
- 9 - Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property:
- 10 - Hazardous waste generator notices or reports:
- 11 - Geotechnical studies:
- 12 - Risk assessments:
- 13 - Recorded Activity and Use Limitations (AULs):

Appendix E

Environmental Data Resources, Inc. Database Report

Francis J. Varieur Elementary

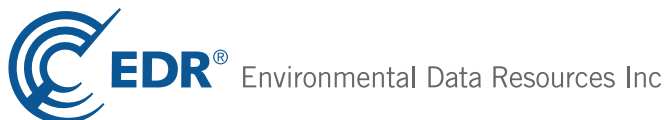
486 Pleasant Street

Pawtucket, RI 02860

Inquiry Number: 3965720.2s

June 06, 2014

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	117
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

486 PLEASANT STREET
PAWTUCKET, RI 02860

COORDINATES

Latitude (North): 41.8661000 - 41° 51' 57.96"
Longitude (West): 71.3832000 - 71° 22' 59.52"
Universal Transverse Mercator: Zone 19
UTM X (Meters): 302204.0
UTM Y (Meters): 4637442.5
Elevation: 45 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41071-G4 PROVIDENCE, RI
Most Recent Revision: 1987

North Map: 41071-H4 PAWTUCKET, RI MA
Most Recent Revision: 1987

Northeast Map: 41071-H3 ATTLEBORO, MA RI
Most Recent Revision: 1987

East Map: 41071-G3 EAST PROVIDENCE, RI MA
Most Recent Revision: 1987

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
FRANCIS J. VARIEUR SCHOOL 486 PLEASANT STREET PAWTUCKET, RI	FINDS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

RI SWF/LF..... Solid Waste Management Facilities

EXECUTIVE SUMMARY

RI LCP..... Landfill Closure Program Sites in RI

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

RI AST..... Aboveground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
RI CDL..... Clandestine Drug Lab Information Listing
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
RI SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System

EXECUTIVE SUMMARY

PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
RI DRYCLEANERS.....	Drycleaner Facility Listing
RI NPDES.....	Permit and Facility Data
RI LEAD.....	Lead Inspections Database
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
RI Financial Assurance.....	Financial Assurance Information
COAL ASH DOE.....	Steam-Electric Plant Operation Data
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
US FIN ASSUR.....	Financial Assurance Information
PRP.....	Potentially Responsible Parties
EPA WATCH LIST.....	EPA WATCH LIST
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RI RGA LF..... Recovered Government Archive Solid Waste Facilities List
RI RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank
RI RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

EXECUTIVE SUMMARY

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TIDEWATER COAL GASSIFICATION P	OFF TIDEWATER AVENUE	NNW 1/8 - 1/4 (0.147 mi.)	C8	9

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
C V S #2234	425 EAST AVE	WNW 1/8 - 1/4 (0.180 mi.)	D13	15
SILVERMAN ANDREW B DPM INC.	333 SCHOOL ST STE 211	ENE 1/8 - 1/4 (0.231 mi.)	F22	26
R I MEDICAL IMAGING	333 SCHOOL ST	ENE 1/8 - 1/4 (0.231 mi.)	F24	28

State- and tribal - equivalent CERCLIS

RI SHWS: This list includes sites that have been investigated under the Federal CERCLIS program (SFA sites) as well as sites that have notified under the state program or have been investigated for hazardous substances (HWM sites).

A review of the RI SHWS list, as provided by EDR, and dated 03/25/2014 has revealed that there are 40 RI SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUNNELL LANE PROPERTIES Facility Status: Inactive	10 DUNNELL LANE	E 1/4 - 1/2 (0.323 mi.)	30	32
SLATER DYE WORKS, INC. Facility Status: Inactive	700 SCHOOL STREET	SE 1/4 - 1/2 (0.356 mi.)	31	32
LAWN TERRACE APARTMENTS Facility Status: Inactive	180-226 PLEASANT ST	NNW 1/4 - 1/2 (0.386 mi.)	32	33
UPTOWN AUTO Facility Status: Inactive	50 DUNNELL LANE	E 1/4 - 1/2 (0.396 mi.)	33	34
VIKING CHEVROLET GEO INC Facility Status: Active	45-55 DIVISION ST	N 1/4 - 1/2 (0.415 mi.)	J37	40
UNIVERSITY ORAL SURGERY Facility Status: Inactive	123 SCHOOL ST	NNE 1/4 - 1/2 (0.438 mi.)	L39	44

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VAZ PROPERTY - HEATING OIL SPI Facility Status: Active	178 MULBERRY STREET	WNW 1/4 - 1/2 (0.496 mi.)	45	89
COMMERCIAL PAINTING, INC. Facility Status: Inactive	75 BEVERAGE HILL AVENUE	ESE 1/2 - 1 (0.523 mi.)	46	89
CRYSTAL TOOL & DIE CO INC Facility Status: Active	51 CHARLTON AVE	SE 1/2 - 1 (0.551 mi.)	47	90
APEX INC Facility Status: Active	100 MAIN ST	N 1/2 - 1 (0.570 mi.)	48	92
APEX DEVELOPMENT 2 - 10 SCHOOL Facility Status: Active	10 SCHOOL STREET	N 1/2 - 1 (0.580 mi.)	49	94
DARTMOUTH REALTY Facility Status: Inactive	210 DARTMOUTH STREET	WSW 1/2 - 1 (0.627 mi.)	50	95
ST GEORGE'S CHURCH (FORMER) Facility Status: Inactive	46 MAIN STREET	N 1/2 - 1 (0.630 mi.)	51	95
WOODLAWN LAUNDRY & CLEANERS IN Facility Status: Inactive	479 WEST AVE	WSW 1/2 - 1 (0.654 mi.)	52	96
OFFENHAUSER RI /CONTINENTAL BR Facility Status: Active	11 WEBB STREET	WNW 1/2 - 1 (0.700 mi.)	53	98
MAACO AUTO PAINTING & BODY WOR Facility Status: Inactive	501 MAIN ST	NNW 1/2 - 1 (0.753 mi.)	56	99
SARGEANT & WILBUR HEAT TREATME Facility Status: Inactive	170 YORK AVE	E 1/2 - 1 (0.784 mi.)	57	102
AGAR MACHINING & WELDING Facility Status: Inactive	270 YORK AVE	E 1/2 - 1 (0.802 mi.)	58	105
PARKIN YARN (FORMER) Facility Status: Inactive	21 COMMERCE STREET	NNW 1/2 - 1 (0.802 mi.)	59	107
SCHOOLHOUSE CANDY Facility Status: Active	1005 MAIN ST/75-77 ESTE	WSW 1/2 - 1 (0.817 mi.)	60	108
RI TEXTILE Facility Status: Active	400 YORK AVENUE	ENE 1/2 - 1 (0.834 mi.)	61	108
PINE STREET ASSOCIATES Facility Status: Active	258 PINE STREET	NNW 1/2 - 1 (0.844 mi.)	62	109
U S POSTAL SERVICE Facility Status: Active	30 MONTICELLO ROAD	E 1/2 - 1 (0.878 mi.)	63	109
NARRAGANSETT WIRE CO Facility Status: Inactive	1125 MAIN STREET	WSW 1/2 - 1 (0.887 mi.)	M64	110
CENTENIAL TOWERS Facility Status: Active	35 GOFF STREET	NNW 1/2 - 1 (0.890 mi.)	N65	112
NATIONAL GRID - VAULT 355 Facility Status: Active	GOFF & BROAD STREET	N 1/2 - 1 (0.897 mi.)	N66	113
PAWTUCKET ARMORY Facility Status: Active Facility Status: Inactive	172 EXCHANGE STREET	N 1/2 - 1 (0.902 mi.)	67	113
GATEWAY MEDICAL CENTER (FORMER) Facility Status: Active	1145 MAIN STREET	WSW 1/2 - 1 (0.902 mi.)	M68	114
R.I. TEXTILE 2 (SEE NEWMAN CR Facility Status: Active	57 FARRELL STREET	ENE 1/2 - 1 (0.967 mi.)	70	114

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DENNIS PRINTING COMPANY Facility Status: Inactive	69 MONTGOMERY STREET	N 1/2 - 1 (0.990 mi.)	72	115
L'HEUREUX PROPERTY Facility Status: Inactive	512 YORK AVENUE	ENE 1/2 - 1 (0.991 mi.)	73	116
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TIDEWATER COAL GASSIFICATION Facility Status: Active	TIDEWATER STREET	N 0 - 1/8 (0.083 mi.)	B7	9
DR. GOLF Facility Status: Inactive	100 TIM HEALEY WAY	ENE 1/8 - 1/4 (0.195 mi.)	F16	18
MERCHANTS TIRE Facility Status: Active	21 DIVISION ST	N 1/4 - 1/2 (0.405 mi.)	J34	34
SLATER DYE WORKS INC Facility Status: Inactive	727 SCHOOL ST	SE 1/4 - 1/2 (0.406 mi.)	K36	38
SLATER SCREEN PRINT CORP Facility Status: Inactive	750 SCHOOL ST	SE 1/4 - 1/2 (0.467 mi.)	40	47
SOVEREIGN BANK Facility Status: Inactive	210 MAIN STREET	N 1/2 - 1 (0.719 mi.)	54	98
BLACKSTONE RIVER WALL REPAIRS Facility Status: Active	67 ROOSEVELT AVENUE	N 1/2 - 1 (0.732 mi.)	55	99
ROOSEVELT AVENUE DISPOSAL Facility Status: Inactive	ROOSEVELT AVENUE	N 1/2 - 1 (0.909 mi.)	69	114
CAROL CABLE (NO FILE- SEE LS # Facility Status: Inactive	249 ROOSEVELT AVENUE	N 1/2 - 1 (0.986 mi.)	71	115

State and tribal leaking storage tank lists

RI LUST: The LUST Case List is a summary of UST Facilities in RI with leaking USTs, which includes information on the date of release discovery and the status of the LUST Case (active, soil removal only, or inactive).

A review of the RI LUST list, as provided by EDR, and dated 02/07/2014 has revealed that there are 7 RI LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUNNELL LANE PROPERTIES Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required	10 DUNNELL LANE	E 1/4 - 1/2 (0.323 mi.)	30	32
VIKING CHEVROLET GEO INC Facility Status: Soil Removal Only; No Further Action Required	45-55 DIVISION ST	N 1/4 - 1/2 (0.415 mi.)	J37	40
REGAL AUTO BODY Facility Status: Soil Removal Only; No Further Action Required	370-382 PAWTUCKET AVENUE	W 1/4 - 1/2 (0.420 mi.)	38	44
SUNOCO SERVICE STA Facility Status: Soil Removal Only; No Further Action Required	81 SCHOOL ST	NNE 1/4 - 1/2 (0.467 mi.)	L41	49
BETHANY BAPTIST CHURCH Facility Status: Soil Removal Only; No Further Action Required	182 SAYLES AVENUE	W 1/4 - 1/2 (0.472 mi.)	43	54
MEMORIAL HOSPITAL OF RHODE ISL Facility Status: Active; Investigation/Remed. Required	111 BREWSTER STREET	NE 1/4 - 1/2 (0.481 mi.)	44	55

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SLATER DYE WORKS 2 Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required	727 SCHOOL STREET	SE 1/4 - 1/2 (0.406 mi.)	K35	37

State and tribal registered storage tank lists

RI UST: The UST Master List is a summary of registered UST Facilities in RI, which includes information on abandoned, in use, permanently closed and temporarily closed USTs.

A review of the RI UST list, as provided by EDR, and dated 02/07/2014 has revealed that there are 13 RI UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHOREHAM ASSOCIATES	9 SHOREHAM CT	SSW 0 - 1/8 (0.010 mi.)	A2	7
OAK HILL NURSING ASSOC., L.P.	544 PLEASANT ST	S 0 - 1/8 (0.024 mi.)	A3	7
APARTMENT HOUSE	447 EAST AVE	WNW 1/8 - 1/4 (0.163 mi.)	D10	14
SHEA JUNIOR HIGH	485 EAST AVE	W 1/8 - 1/4 (0.167 mi.)	11	14
BOYS AND GIRLS CLUB OF PAWTUCK	1 MOELLER PL	ESE 1/8 - 1/4 (0.194 mi.)	E14	17
PAWTUCKET BOYS CLUB		ESE 1/8 - 1/4 (0.219 mi.)	E20	25
BLACKSTONE VALLEY MEDICAL BUIL	333 SCHOOL ST	ENE 1/8 - 1/4 (0.231 mi.)	F23	27
R AND S REALTY	330 SCHOOL ST	ENE 1/8 - 1/4 (0.237 mi.)	F26	30
LARRY SHUSHANSKI RESIDENTIAL P	351 EAST AVE	NW 1/8 - 1/4 (0.246 mi.)	H29	32

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BLACKSTONE VALLEY ELECTRIC COM		NNE 0 - 1/8 (0.030 mi.)	4	8
VALLEY GAS COMPANY		N 0 - 1/8 (0.083 mi.)	B6	9
CITY OF PAWTUCKET PROPERTY (PL	100 TIM HEALEY WAY	ENE 1/8 - 1/4 (0.195 mi.)	F15	18
B.V. MEDICAL	279 SCHOOL ST	NE 1/8 - 1/4 (0.237 mi.)	I28	31

State and tribal institutional control / engineering control registries

RI AUL: This list was developed by RIDEM for use as a general reference and are not meant to be legally authoritative source for the location of hazardous materials, nor for the status, condition or permissible use of a site.

A review of the RI AUL list, as provided by EDR, and dated 01/27/2014 has revealed that there are 6 RI AUL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SLATER DYE WORKS, INC.	700 SCHOOL STREET	SE 1/4 - 1/2 (0.356 mi.)	31	32
LAWN TERRACE APARTMENTS	180-226 PLEASANT ST	NNW 1/4 - 1/2 (0.386 mi.)	32	33
UNIVERSITY ORAL SURGERY	123 SCHOOL ST	NNE 1/4 - 1/2 (0.438 mi.)	L39	44

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERCHANTS TIRE	21 DIVISION ST	N 1/4 - 1/2 (0.405 mi.)	J34	34
SLATER DYE WORKS 2	727 SCHOOL STREET	SE 1/4 - 1/2 (0.406 mi.)	K35	37
SLATER SCREEN PRINT CORP	750 SCHOOL ST	SE 1/4 - 1/2 (0.467 mi.)	40	47

EXECUTIVE SUMMARY

State and tribal Brownfields sites

RI BROWNFIELDS: Brownfields are real properties where the expansion, redevelopment or reuse may be complicated by the actual or reuse may be complicated by the actual or potential presence of a hazardous substance, pollutant, or contaminant.

A review of the RI BROWNFIELDS list, as provided by EDR, and dated 01/27/2014 has revealed that there are 12 RI BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DUNNELL LANE PROPERTIES</i>	<i>10 DUNNELL LANE</i>	<i>E 1/4 - 1/2 (0.323 mi.)</i>	<i>30</i>	<i>32</i>
<i>SLATER DYE WORKS, INC.</i>	<i>700 SCHOOL STREET</i>	<i>SE 1/4 - 1/2 (0.356 mi.)</i>	<i>31</i>	<i>32</i>
<i>LAWN TERRACE APARTMENTS</i>	<i>180-226 PLEASANT ST</i>	<i>NNW 1/4 - 1/2 (0.386 mi.)</i>	<i>32</i>	<i>33</i>
<i>UPTOWN AUTO</i>	<i>50 DUNNELL LANE</i>	<i>E 1/4 - 1/2 (0.396 mi.)</i>	<i>33</i>	<i>34</i>
<i>VIKING CHEVROLET GEO INC</i>	<i>45-55 DIVISION ST</i>	<i>N 1/4 - 1/2 (0.415 mi.)</i>	<i>J37</i>	<i>40</i>
<i>UNIVERSITY ORAL SURGERY</i>	<i>123 SCHOOL ST</i>	<i>NNE 1/4 - 1/2 (0.438 mi.)</i>	<i>L39</i>	<i>44</i>
<i>VAZ PROPERTY - HEATING OIL SPI</i>	<i>178 MULBERRY STREET</i>	<i>WNW 1/4 - 1/2 (0.496 mi.)</i>	<i>45</i>	<i>89</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>TIDEWATER COAL GASSIFICATION</i>	<i>TIDEWATER STREET</i>	<i>N 0 - 1/8 (0.083 mi.)</i>	<i>B7</i>	<i>9</i>
<i>DR. GOLF</i>	<i>100 TIM HEALEY WAY</i>	<i>ENE 1/8 - 1/4 (0.195 mi.)</i>	<i>F16</i>	<i>18</i>
<i>MERCHANTS TIRE</i>	<i>21 DIVISION ST</i>	<i>N 1/4 - 1/2 (0.405 mi.)</i>	<i>J34</i>	<i>34</i>
<i>SLATER DYE WORKS 2</i>	<i>727 SCHOOL STREET</i>	<i>SE 1/4 - 1/2 (0.406 mi.)</i>	<i>K35</i>	<i>37</i>
<i>SLATER SCREEN PRINT CORP</i>	<i>750 SCHOOL ST</i>	<i>SE 1/4 - 1/2 (0.467 mi.)</i>	<i>40</i>	<i>47</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 03/20/2014 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
76 JEFFERSON AVENUE	76 JEFFERSON AVENUE	WNW 1/4 - 1/2 (0.470 mi.)	42	53
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DR. GOLF	100 TIM HEALEY WAY	ENE 1/8 - 1/4 (0.195 mi.)	F17	19

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

EXECUTIVE SUMMARY

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORTUNA ROBERT J MD	407 EAST AVE	WNW 1/8 - 1/4 (0.211 mi.)	G18	22
ORTHOPAEDICS OF NEW ENGLAND	407 EAST AVE	WNW 1/8 - 1/4 (0.211 mi.)	G19	24
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW ENGLAND GAS CO TIDEWATER	91 TIDEWATER ST	NNW 1/8 - 1/4 (0.159 mi.)	C9	11
NORTHEAST INSULATION INC OF RI	279 SCHOOL ST	NE 1/8 - 1/4 (0.237 mi.)	I27	30

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, and dated 08/01/2013 has revealed that there is 1 US MINES site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RIVER SAND + GRAVEL INC		E 1/8 - 1/4 (0.170 mi.)	12	15

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 12/31/2012 has revealed that there are 5 RI MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
C V S #2234	425 EAST AVE	WNW 1/8 - 1/4 (0.180 mi.)	D13	15
FORTUNA ROBERT J MD	407 EAST AVE	WNW 1/8 - 1/4 (0.211 mi.)	G18	22
SILVERMAN ANDREW B DPM INC.	333 SCHOOL ST STE 211	ENE 1/8 - 1/4 (0.231 mi.)	F22	26
R I MEDICAL IMAGING	333 SCHOOL ST	ENE 1/8 - 1/4 (0.231 mi.)	F24	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW ENGLAND GAS CO TIDEWATER	91 TIDEWATER ST	NNW 1/8 - 1/4 (0.159 mi.)	C9	11

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste.

EXECUTIVE SUMMARY

Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TIDEWATER COAL GASIFICATION PL	OFF TIDEWATER AVE	N 0 - 1/8 (0.081 mi.)	B5	8

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 2 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

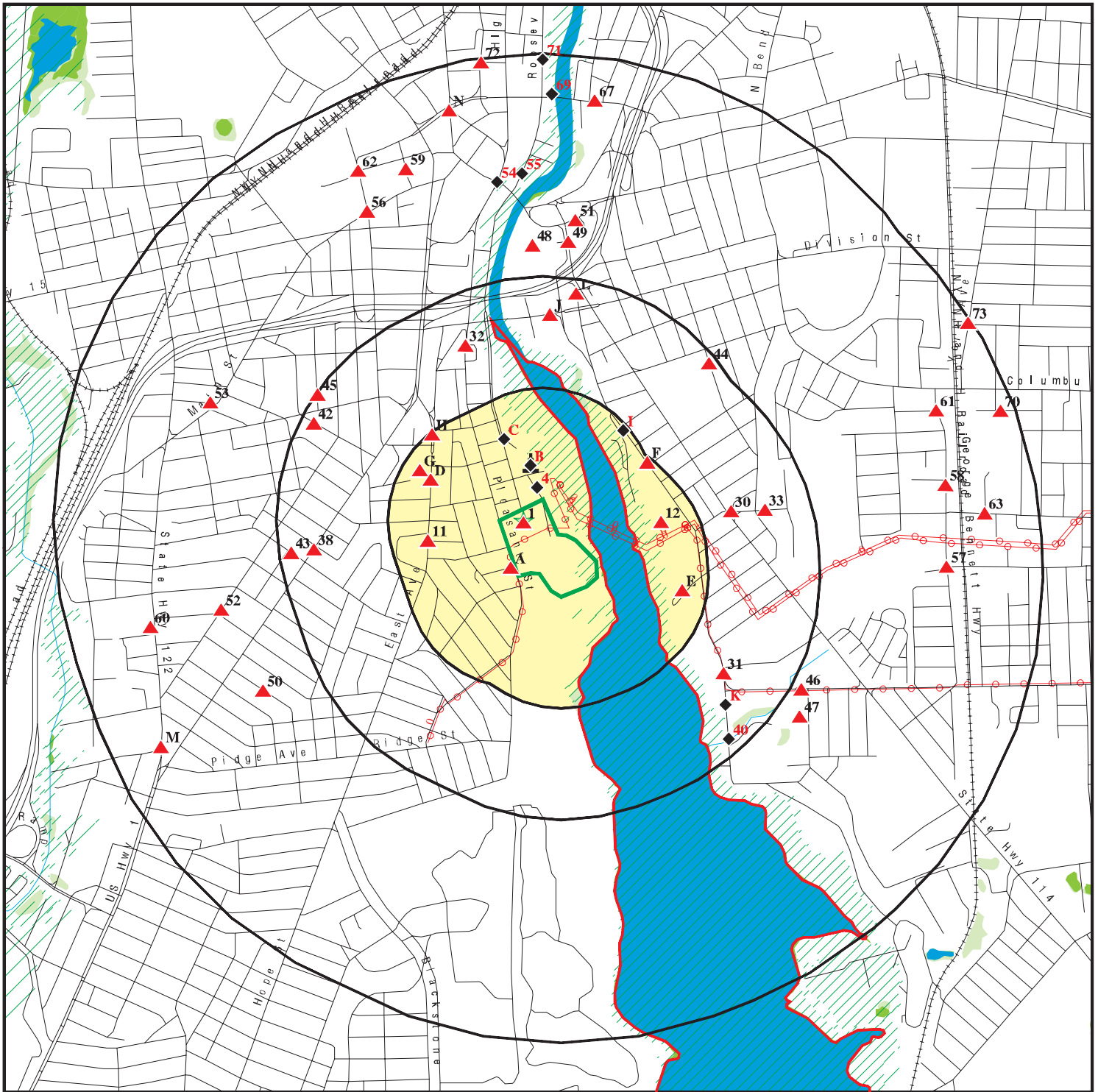
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	385 EAST AVE	NW 1/8 - 1/4 (0.223 mi.)	H21	25
Not reported	333 SCHOOL ST	ENE 1/8 - 1/4 (0.234 mi.)	F25	30

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
EDWARD J CREAMER ADMINISTRATION MANVILLE WELL FIELD	FTTS, HIST FTTS CERC-NFRAP, RI SHWS, RI BROWNFIELDS
HORD CRYSTAL CORPORATION PAWTUCKET BRIDGE #550 REMEDIATION BEATTY STREET (ALSO SEE PETULA) PETULA ASSOCIATES (ALSO SEE BEATTY CONANT STREET MILL SITE - LOT 569 GROTTO AVENUE LOT 236 (ALSO PROCAC MOSHASSUCK VALLEY INDUSTRIAL PARK SAMUEL AVE. DISPOSAL FESTIVAL PIER	RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI BROWNFIELDS RI SHWS, RI SPILLS, RI BROWNFIELDS
BLACKSTONE VALLEY ELECT STOR (FORM PLEASANT STREET MERCURY SPILL C & S TRUCK CONRAIL PROVIDENCE ENGINE TERM TEXACO STA EDWARD J CREAMER ADMINISTRATION TOWN LANDING P. J. KEATING CO. J. H. LYNCH & SON, INC.	RI SHWS, RI BROWNFIELDS CERC-NFRAP RCRA-SQG, FINDS RCRA NonGen / NLR RCRA NonGen / NLR FINDS US BROWNFIELDS US MINES US MINES

OVERVIEW MAP - 3965720.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

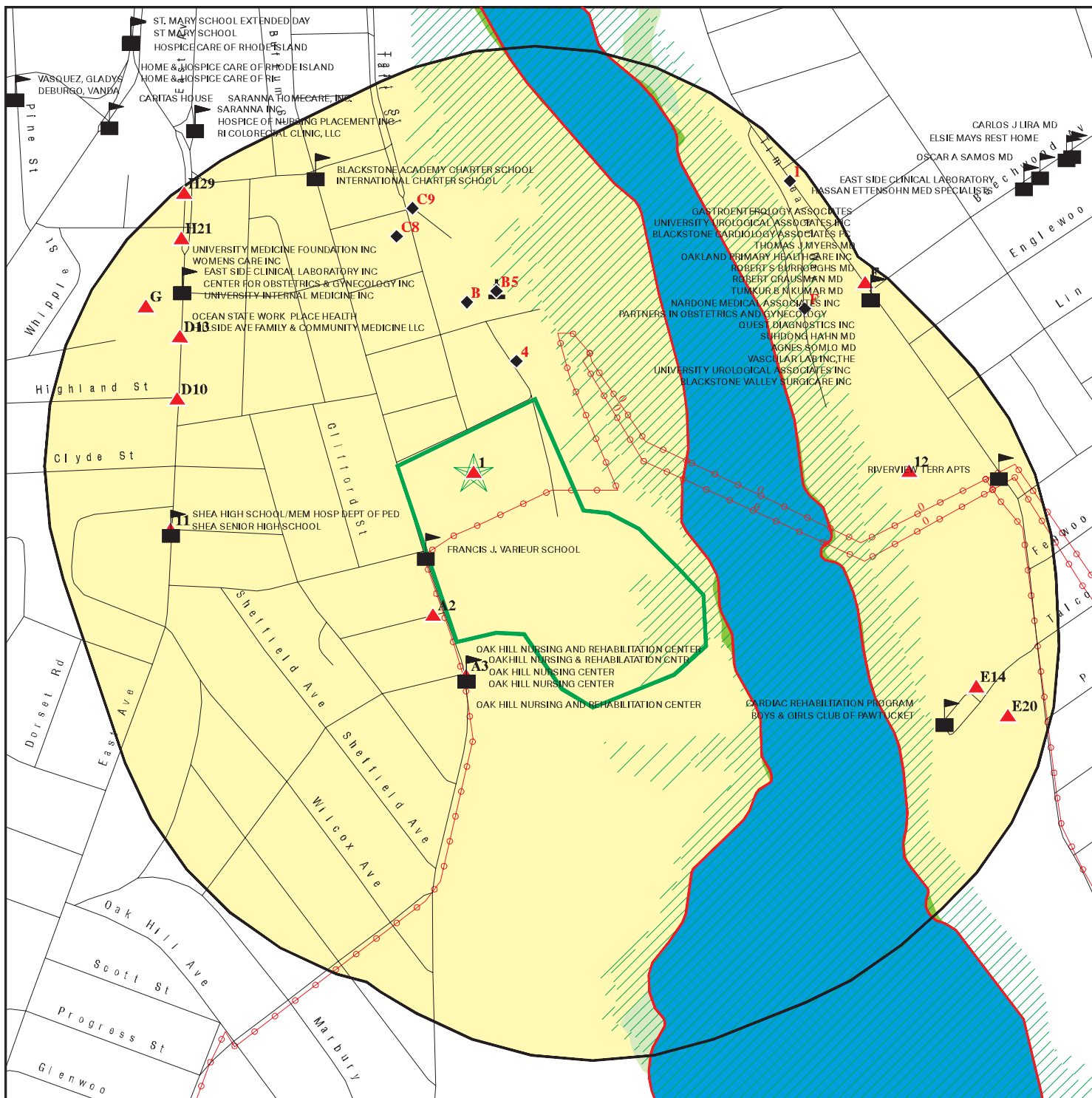


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Francis J. Variour Elementary
 ADDRESS: 486 Pleasant Street
 Pawtucket RI 02860
 LAT/LONG: 41.8661 / 71.3832

CLIENT: EA Engineering Science & Tech.
 CONTACT: Mary Russo
 INQUIRY #: 3965720.2s
 DATE: June 06, 2014 3:45 pm

DETAIL MAP - 3965720.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

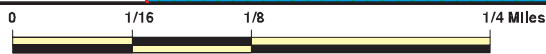
Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Francis J. Varieur Elementary
 ADDRESS: 486 Pleasant Street
 Pawtucket RI 02860
 LAT/LONG: 41.8661 / 71.3832

CLIENT: EA Engineering Science & Tech.
 CONTACT: Mary Russo
 INQUIRY #: 3965720.2s
 DATE: June 06, 2014 3:51 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
RI SHWS	1.000		1	1	10	28	NR	40
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
RI SWF/LF	0.500		0	0	0	NR	NR	0
RI LCP	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
RI LUST	0.500		0	0	7	NR	NR	7
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
RI UST	0.250		4	9	NR	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RI AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
RI AUL	0.500		0	0	6	NR	NR	6
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
RI BROWNFIELDS	0.500		1	1	10	NR	NR	12
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	1	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
RI CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
RI SPILLS	TP		NR	NR	NR	NR	NR	0
RI SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	4	NR	NR	NR	4
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	1	NR	NR	NR	1
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RI MANIFEST	0.250		0	5	NR	NR	NR	5
NJ MANIFEST	0.250		0	0	NR	NR	NR	0
RI DRYCLEANERS	0.250		0	0	NR	NR	NR	0
RI NPDES	TP		NR	NR	NR	NR	NR	0
RI AIRS	TP		NR	NR	NR	NR	NR	0
RI LEAD	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
RI Financial Assurance	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		1	0	0	0	NR	1
EDR US Hist Auto Stat	0.250		0	2	NR	NR	NR	2
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RI RGA LF	TP		NR	NR	NR	NR	NR	0
RI RGA LUST	TP		NR	NR	NR	NR	NR	0
RI RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1 FRANCIS J. VARIEUR SCHOOL
Target 486 PLEASANT STREET
Property PAWTUCKET, RI

FINDS 1008273037
 N/A

FINDS:

Actual: Registry ID: 110021668532
 45 ft.

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

A2 SHOREHAM ASSOCIATES
SSW 9 SHOREHAM CT
< 1/8 PAWTUCKET, RI
0.010 mi.
51 ft. Site 1 of 2 in cluster A

RI UST U004016714
 N/A

Relative:
Higher

UST:
 Facility ID: UST-19272
 Facility Class: Commercials

Actual:
 52 ft.

Tank ID: 1
Tank Status: Permanently Closed
 Tank Capacity: 500
 Tank Substance: Heating Oil No.2
 Date Installed: Not reported

A3 OAK HILL NURSING ASSOC., L.P.
South 544 PLEASANT ST
< 1/8 PAWTUCKET, RI
0.024 mi.
128 ft. Site 2 of 2 in cluster A

RI UST U003114205
 N/A

Relative:
Higher

UST:
 Facility ID: UST-2673
 Facility Class: Commercials

Actual:
 50 ft.

Tank ID: 1
Tank Status: Permanently Closed
 Tank Capacity: 500
 Tank Substance: Heating Oil No.2
 Date Installed: 12/01/1970

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAK HILL NURSING ASSOC., L.P. (Continued)

U003114205

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 12/01/1982

Tank ID: 3
Tank Status: In Use
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 07/17/1998

4
NNE
< 1/8
0.030 mi.
158 ft.

BLACKSTONE VALLEY ELECTRIC COMPANY - #1
PAWTUCKET, RI

RI UST U001211243
N/A

Relative:
Lower

Actual:
37 ft.

UST:
Facility ID: UST-568
Facility Class: Industrial

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 5000
Tank Substance: Not Listed
Date Installed: 04/01/1962

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 21000
Tank Substance: Heating Oil No.6
Date Installed: 04/25/2001

Tank ID: 3
Tank Status: Permanently Closed
Tank Capacity: 21000
Tank Substance: Heating Oil No.6
Date Installed: 04/25/2001

B5
North
< 1/8
0.081 mi.
428 ft.

TIDEWATER COAL GASIFICATION PLANT
OFF TIDEWATER AVE
PAWTUCKET, RI 02860
Site 1 of 3 in cluster B

EDR MGP 1008408942
N/A

Relative:
Lower

Actual:
27 ft.

Manufactured Gas Plants:
Alternate Name: PAWTUCKET GAS WORKS; BLACKSTON VALLEY GAS AND ELECTRIC CO;
VALLEY GAS. No additional information available

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B6
North
< 1/8
0.083 mi.
437 ft.

VALLEY GAS COMPANY
PAWTUCKET, RI
Site 2 of 3 in cluster B

RI UST **U002311865**
N/A

Relative:
Lower

UST:
Facility ID: UST-17141
Facility Class: Commercials

Actual:
38 ft.

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Waste Oil
Date Installed: 04/25/2001

B7
North
< 1/8
0.083 mi.
437 ft.

TIDEWATER COAL GASSIFICATION
TIDEWATER STREET
PAWTUCKET, RI
Site 3 of 3 in cluster B

RI SHWS **S103247281**
RI BROWNFIELDS **N/A**

Relative:
Lower

SHWS:
Project Code: TWC-HWM
Siterem Site Number: SR-26-0934 A
Facility Status: Active
Project Code Desc: TWC-HWM
Project Date: 08/30/1995

Actual:
38 ft.

Project Code: TWC-SFA
Siterem Site Number: SR-26-0934 B
Facility Status: Active
Project Code Desc: TWC-SFA
Project Date: 02/05/1987

BROWNFIELDS:
Project: TWC-HWM
Facility Status: SIRPEND
Status: A
Project Date: 08/30/1995

Project: TWC-SFA
Facility Status: SI
Status: A
Project Date: 02/05/1987

C8
NNW
1/8-1/4
0.147 mi.
774 ft.

TIDEWATER COAL GASSIFICATION PLANT
OFF TIDEWATER AVENUE
PAWTUCKET, RI 02860
Site 1 of 2 in cluster C

CERCLIS **1000224986**
RID981885106

Relative:
Lower

CERCLIS:
Site ID: 0101413
EPA ID: RID981885106
Facility County: PROVIDENCE
Short Name: TIDEWATER COAL GASSIFICAT
Congressional District: 01

Actual:
38 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIDEWATER COAL GASSIFICATION PLANT (Continued)

1000224986

IFMS ID: Not reported
SMSA Number: 6480
USGC Hydro Unit: 01090004
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 01
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup
Non NPL Status Date: 05/27/99
Site Fips Code: 44007
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13004278.00000
Contact Name: Margaret Morris
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 02/05/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 06/30/89
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIDEWATER COAL GASSIFICATION PLANT (Continued)

1000224986

Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE INSPECTION
Date Started: / /
Date Completed: 02/19/93
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE REASSESSMENT
Date Started: / /
Date Completed: 08/02/01
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

**C9
NNW
1/8-1/4
0.159 mi.
842 ft.**

**NEW ENGLAND GAS CO TIDEWATER
91 TIDEWATER ST
PAWTUCKET, RI 02860**

**RCRA NonGen / NLR 1004779611
FINDS RIR000501130
RI MANIFEST**

Site 2 of 2 in cluster C

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 12/03/2007
Facility name: NEW ENGLAND GAS CO TIDEWATER
Facility address: 91 TIDEWATER ST
PAWTUCKET, RI 02860
EPA ID: RIR000501130
Mailing address: WEYBOSSET ST
PROVIDENCE, RI 02903
Contact: MARC VIERA
Contact address: 100 WEYBOSSET ST
PROVIDENCE, RI 02903
Contact country: US
Contact telephone: (401) 272-5040
Contact email: Not reported
EPA Region: 01
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SOUTHERN UNION COMPANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW ENGLAND GAS CO TIDEWATER (Continued)

1004779611

Owner/operator address: IV BARTON SKWY 1303 MOPAC EXPY
AUSTIN, TX 78701
Owner/operator country: Not reported
Owner/operator telephone: (512) 477-5852
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: SOUTHERN UNION COMPANY
Owner/operator address: IV BARTON SKWY 1303 MOPAC EXPY
AUSTIN, TX 78701
Owner/operator country: Not reported
Owner/operator telephone: (512) 477-5852
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/17/2001
Facility name: NEW ENGLAND GAS CO TIDEWATER
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY

Facility Has Received Notices of Violations:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW ENGLAND GAS CO TIDEWATER (Continued)

1004779611

Regulation violated: Not reported
Area of violation: Permits - General Information
Date violation determined: 10/20/2004
Date achieved compliance: 10/23/2004
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 10/01/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 247498
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/23/2004
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Permits - General Information
Date achieved compliance: 10/23/2004
Evaluation lead agency: State

Evaluation date: 10/23/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/20/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - General Information
Date achieved compliance: 10/23/2004
Evaluation lead agency: State

Evaluation date: 10/20/2004
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Permits - General Information
Date achieved compliance: 10/23/2004
Evaluation lead agency: State

FINDS:

Registry ID: 110006537701

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RI MANIFEST:

GEN Cert Date: 10/5/2004
Transporter Receipt Date: 10/4/2004
Number Of Containers: 1
Container Type: DM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW ENGLAND GAS CO TIDEWATER (Continued)

1004779611

Waste Code1: D009
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: Spring Grove Resource Recov
TSD ID: OHD000816629
TSD Date: 10/19/2004
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RII0005302
Waste Description: HAZARDOUS WASTE, SOLID, N.O.S., (MERCURY) , 9, NA3
Quantity: 200
WT/Vol Units: P
Item Number: 1
Transporter Name: Clean Harbors Environmental Serv
Transporter EPA ID: MAD039322250
GEN Cert Date: 10/5/2004
Transporter Recpt Date: 10/4/2004
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: 10/19/2004
EPA ID: RIR000501130
Transporter 2 ID: Not reported

**D10
WNW
1/8-1/4
0.163 mi.
862 ft.**

**APARTMENT HOUSE
447 EAST AVE
PAWTUCKET, RI
Site 1 of 2 in cluster D**

**RI UST U003935927
N/A**

**Relative:
Higher**

UST:
Facility ID: UST-3856
Facility Class: Multiple Residence

**Actual:
97 ft.**

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: Not reported

**11
West
1/8-1/4
0.167 mi.
880 ft.**

**SHEA JUNIOR HIGH
485 EAST AVE
PAWTUCKET, RI**

**RI UST U001473935
N/A**

**Relative:
Higher**

UST:
Facility ID: UST-1424
Facility Class: Education - Town

**Actual:
113 ft.**

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 6000
Tank Substance: Heating Oil No.4
Date Installed: 07/01/1939

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

12 East 1/8-1/4 0.170 mi. 900 ft.	RIVER SAND + GRAVEL INC PROVIDENCE (County), RI	US MINES	1011219694 N/A
--	--	-----------------	---------------------------------

Relative: Higher	US MINES:
Actual: 50 ft.	Mine ID: 3700050
	SIC code(s): 14410 00000 00000 00000 00000 00000
	Entity name: BISHOPS BEND PLANT
	Company: RIVER SAND + GRAVEL INC
	State FIPS code: RI
	County FIPS code: PROVIDENCE
	Status: 4
	Status date: 19790214
	Operation Class: non-Coal Mining
	Number of shops: 0
	Number of plants: 0
	Latitude: 41 51 58
	Longitude: 071 22 38

D13 WNW 1/8-1/4 0.180 mi. 948 ft.	C V S #2234 425 EAST AVE PAWTUCKET, RI 02860 Site 2 of 2 in cluster D	RCRA-SQG RI MANIFEST	1004779526 RIR000500157
--	--	---------------------------------------	--

Relative: Higher	RCRA-SQG:
Actual: 93 ft.	Date form received by agency: 05/04/2012
	Facility name: C V S #2234
	Facility address: 425 EAST AVE PAWTUCKET, RI 02860
	EPA ID: RIR000500157
	Mailing address: ONE CVS DR WOONSOCKET, RI 02895
	Contact: WENDY BRANT
	Contact address: Not reported
	Contact country: US
	Contact telephone: (401) 765-1500
	Contact email: Not reported
	EPA Region: 01
	Classification: Small Small Quantity Generator
	Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:	
Owner/operator name:	407 REALTY LLC
Owner/operator address:	PO BOX 3552 CRANSTON, RI 02910
Owner/operator country:	US
Owner/operator telephone:	(401) 435-6000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/27/1997
Owner/Op end date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C V S #2234 (Continued)

1004779526

Owner/operator name: RHODE ISLAND CVS PHARMACY LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/24/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/07/2000
Facility name: C V S #2234
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D011
Waste name: SILVER

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C V S #2234 (Continued)

1004779526

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P042
Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: P081
Waste name: NITROGLYCERINE (R)

Violation Status: No violations found

RI MANIFEST:

GEN Cert Date: 7/25/2007
Transporter Receipt Date: 7/25/2007
Number Of Containers: Not reported
Container Type: D011R012
Waste Code1: Not reported
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: Northland Environmental Inc.
TSD ID: rid040098352
TSD Date: 7/25/2007
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: 002505792JJK
Waste Description: PHOTO FIXER/DEVELOPER
Quantity: 15
WT/Vol Units: G
Item Number: 48898061
Transporter Name: 21ST CENTURY ENV MGT
Transporter EPA ID: RID980906986
GEN Cert Date: 7/25/2007
Transporter Recpt Date: 7/25/2007
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: 7/25/2007
EPA ID: RIR000500157
Transporter 2 ID: Not reported

**E14
ESE
1/8-1/4
0.194 mi.
1022 ft.**

**BOYS AND GIRLS CLUB OF PAWTUCKET
1 MOELLER PL
PAWTUCKET, RI
Site 1 of 2 in cluster E**

**RI UST U001213107
N/A**

**Relative:
Higher**

UST:
Facility ID: UST-3086
Facility Class: Private Residence

**Actual:
50 ft.**

Tank ID: 1
Tank Status: In Use
Tank Capacity: 4000
Tank Substance: Heating Oil No.2
Date Installed: 01/01/1973

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOYS AND GIRLS CLUB OF PAWTUCKET (Continued)

U001213107

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

F15 CITY OF PAWTUCKET PROPERTY (PLAT 35A/LOT 362)
ENE 100 TIM HEALEY WAY
1/8-1/4 PAWTUCKET, RI
0.195 mi.
1031 ft. Site 1 of 8 in cluster F

RI UST U004067570
N/A

Relative: Lower UST:
Facility ID: UST-4125
Facility Class: City/Town Government
Actual: 26 ft. Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 500
Tank Substance: Gasoline
Date Installed: Not reported

F16 DR. GOLF
ENE 100 TIM HEALEY WAY
1/8-1/4 PAWTUCKET, RI
0.195 mi.
1031 ft. Site 2 of 8 in cluster F

RI SHWS S107505204
RI BROWNFIELDS N/A

Relative: Lower SHWS:
Project Code: DRG-SUBC
Siterem Site Number: SR-26-0388
Actual: 26 ft. **Facility Status: Inactive**
Project Code Desc: DRG-SUBC
Project Date: 08/22/2005

Project Code: DRG-NJD
Siterem Site Number: Not reported
Facility Status: Inactive
Project Code Desc: DRG-NJD
Project Date: 11/26/2007

Project Code: DRG-TBA
Siterem Site Number: SR-26-0388
Facility Status: Inactive
Project Code Desc: DRG-TBA
Project Date: 08/22/2005

BROWNFIELDS:
Project: DRG-SUBC
Facility Status: TBA Complete
Status: I
Project Date: 08/22/2005

Project: DRG-TBA
Facility Status: Not reported
Status: I

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DR. GOLF (Continued)

S107505204

Project Date: 08/22/2005

 Project: DRG-NJD
 Facility Status: Not reported
 Status: I
 Project Date: 11/26/2007

**F17
 ENE
 1/8-1/4
 0.195 mi.
 1031 ft.**

**DR. GOLF
 100 TIM HEALEY WAY
 PAWTUCKET, RI 02860

 Site 3 of 8 in cluster F**

**US BROWNFIELDS 1012106527
 N/A**

**Relative:
 Lower**

US BROWNFIELDS:

Recipient name: Rhode Island DEM
 Grant type: Section 128(a) State/Tribal
 Property name: DR. GOLF
 Property #: Plat 35A Lot 362
 Parcel size: 2.34
 Property Description: McDuff Coal and Lumber Company from 1902 to the mid 1900's. Metal works during the mid 1980's. Indoor driving range. The Pawtucket Water Supply Board utilizes the property for equipment storage and vehicle maintenance.

**Actual:
 26 ft.**

Latitude: 41.866551
 Longitude: -71.378039
 HCM label: Address Matching-House Number
 Map scale: 1:24,000
 Point of reference: Entrance Point of a Facility or Station
 Datum: World Geodetic System of 1984
 ACRES property ID: 35142
 Start date: Not reported
 Completed date: Not reported
 Acres cleaned up: Not reported
 Cleanup funding: Not reported
 Cleanup funding source: Not reported
 Assessment funding: 29993.83
 Assessment funding source: US EPA - State & Tribal Section 128(a) Funding
 Redevelopment funding: Not reported
 Redev. funding source: Not reported
 Redev. funding entity name: Not reported
 Redevelopment start date: Not reported
 Assessment funding entity: EPA
 Cleanup funding entity: Not reported
 Grant type: N/A
 Accomplishment type: Phase II Environmental Assessment
 Accomplishment count: 0
 Cooperative agreement #: 97128201
 Ownership entity: Government
 Current owner: City of Pawtucket
 Did owner change: N
 Cleanup required: Unknown
 Video available: No
 Photo available: No
 Institutional controls required: N
 IC Category proprietary controls: Not reported
 IC cat. info. devices: Not reported
 IC cat. gov. controls: Not reported
 IC cat. enforcement permit tools: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DR. GOLF (Continued)

1012106527

IC in place date: Not reported
IC in place: Unknown
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Not reported
Unknown media affected: Y
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water cleaned: Not reported
Unknown found: Y
VOCs found: Not reported
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: .34
Past use industrial acreage: 2
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: Not reported
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Not reported

Recipient name: Rhode Island DEM
Grant type: Section 128(a) State/Tribal
Property name: DR. GOLF
Property #: Plat 35A Lot 362
Parcel size: 2.34
Property Description: McDuff Coal and Lumber Company from 1902 to the mid 1900's. Metal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DR. GOLF (Continued)

1012106527

works during the mid 1980's. Indoor driving range. The Pawtucket Water Supply Board utilizes the property for equipment storage and vehicle maintenance.

Latitude: 41.866551
Longitude: -71.378039
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 35142
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2285.8
Assessment funding source: US EPA - State & Tribal Section 128(a) Funding
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: N/A
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 97128201
Ownership entity: Government
Current owner: City of Pawtucket
Did owner change: N
Cleanup required: Unknown
Video available: No
Photo available: No
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Unknown
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Not reported
Unknown media affected: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DR. GOLF (Continued)

1012106527

Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water cleaned: Not reported
Unknown found: Y
VOCs found: Not reported
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: .34
Past use industrial acreage: 2
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: Not reported
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Not reported

G18
WNW
1/8-1/4
0.211 mi.
1116 ft.

FORTUNA ROBERT J MD
407 EAST AVE
PAWTUCKET, RI 02860
Site 1 of 2 in cluster G

RCRA NonGen / NLR 1000422297
RI MANIFEST RID987470093

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 01/31/1990
Facility name: FORTUNA ROBERT J MD
Facility address: 407 EAST AVE
PAWTUCKET, RI 02860
EPA ID: RID987470093
Mailing address: EAST AVE
PAWTUCKET, RI 02860
Contact: ROBERT J FORTUNA
Contact address: 407 EAST AVE
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 723-8300
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
100 ft.

Owner/Operator Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORTUNA ROBERT J MD (Continued)

1000422297

Owner/operator name: ROBERT J FORTUNA M D
Owner/operator address: 407 EAST AVE
PAWTUCKET, RI 02860
Owner/operator country: Not reported
Owner/operator telephone: (401) 723-8300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

RI MANIFEST:

GEN Cert Date: 4/8/1992
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D011
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: B&D
TSD ID: RID982766941
TSD Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: F324059
Waste Description: PHOTO MAT
Quantity: 1
WT/Vol Units: P
Item Number: 1
Transporter Name: B&D
Transporter EPA ID: RID982766941
GEN Cert Date: 4/8/1992
Transporter Recpt Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORTUNA ROBERT J MD (Continued)

1000422297

Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID987470093
Transporter 2 ID: Not reported

G19
WNW
1/8-1/4
0.211 mi.
1116 ft.

ORTHOPAEDICS OF NEW ENGLAND
407 EAST AVE
PAWTUCKET, RI 02860

RCRA NonGen / NLR

1001405272
RIR000016188

Site 2 of 2 in cluster G

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/31/2007
Facility name: ORTHOPAEDICS OF NEW ENGLAND
Facility address: 407 EAST AVE
PAWTUCKET, RI 02860
EPA ID: RIR000016188
Mailing address: EAST AVE
PAWTUCKET, RI 02860
Contact: NANCY MOREAU
Contact address: 407 EAST AVE
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 723-8300
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
100 ft.

Owner/Operator Summary:

Owner/operator name: NEW ENGLAND ORTHO SPORTS PODIA
Owner/operator address: 407 EAST AVE
PAWTUCKET, RI 02860
Owner/operator country: Not reported
Owner/operator telephone: (999) 999-9999
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORTHOPAEDICS OF NEW ENGLAND (Continued)

1001405272

Historical Generators:

Date form received by agency: 02/24/2000

Facility name: ORTHOPAEDICS OF NEW ENGLAND

Classification: Small Quantity Generator

Date form received by agency: 11/27/1998

Facility name: ORTHOPAEDICS OF NEW ENGLAND

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D011

Waste name: SILVER

Violation Status: No violations found

**E20
ESE
1/8-1/4
0.219 mi.
1158 ft.**

PAWTUCKET BOYS CLUB

RI UST U001213924

N/A

PAWTUCKET, RI

Site 2 of 2 in cluster E

**Relative:
Higher**

UST:

Facility ID: UST-15849

Facility Class: Commercials

**Actual:
61 ft.**

Tank ID: 1

Tank Status: Permanently Closed

Tank Capacity: 4000

Tank Substance: Heating Oil No.2

Date Installed: 04/25/2001

**H21
NW
1/8-1/4
0.223 mi.
1175 ft.**

**385 EAST AVE
PAWTUCKET, RI 02860**

EDR US Hist Auto Stat

1015460950

N/A

Site 1 of 2 in cluster H

**Relative:
Higher**

EDR Historical Auto Stations:

Name: GIBBYS SERVICE STATION

Year: 1999

Address: 385 EAST AVE

**Actual:
86 ft.**

Name: GIBBYS SERVICE STATION

Year: 2000

Address: 385 EAST AVE

Name: EAST AVE AUTO SERVICE

Year: 2002

Address: 385 EAST AVE

Name: EAST AVE AUTO SERVICE

Year: 2003

Address: 385 EAST AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F22
ENE
1/8-1/4
0.231 mi.
1218 ft.

SILVERMAN ANDREW B DPM INC.
333 SCHOOL ST STE 211
PAWTUCKET, RI 02860

RCRA-SQG 1010331857
RI MANIFEST RIR000506733

Site 4 of 8 in cluster F

Relative:
Higher

RCRA-SQG:

Actual:
59 ft.

Date form received by agency: 10/19/2006
Facility name: SILVERMAN ANDREW B DPM INC.
Facility address: 333 SCHOOL ST STE 211
PAWTUCKET, RI 02860
EPA ID: RIR000506733
Mailing address: SCHOOL ST STE 211
PAWTUCKET, RI 02860
Contact: ANDREW B SILVERMAN
Contact address: SCHOOL ST STE 211
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 335-3731
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MELISSA SILVERMAN
Owner/operator address: SCHOOL ST STE 211
PAWTUCKET, RI 02860
Owner/operator country: US
Owner/operator telephone: (401) 335-3731
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2005
Owner/Op end date: Not reported

Owner/operator name: ANDREW B SILVERMAN
Owner/operator address: SCHOOL ST STE 211
PAWTUCKET, RI 02860
Owner/operator country: US
Owner/operator telephone: (401) 335-3731
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/01/2005
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVERMAN ANDREW B DPM INC. (Continued)

1010331857

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

RI MANIFEST:

GEN Cert Date: 5/23/2007
Transporter Receipt Date: 5/23/2007
Number Of Containers: Not reported
Container Type: D011
Waste Code1: Not reported
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: Northland Environmental Inc.
TSD ID: rid040098352
TSD Date: 5/23/2007
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: 000514294GBF
Waste Description: WASTE PHOTO FIXER FOR RECOVERY
Quantity: 10
WT/Vol Units: G
Item Number: 48913610
Transporter Name: BIOWASTE, LLC
Transporter EPA ID: RIP000026973
GEN Cert Date: 5/23/2007
Transporter Recpt Date: 5/23/2007
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: 5/23/2007
EPA ID: RIR000506733
Transporter 2 ID: Not reported

F23
ENE
1/8-1/4
0.231 mi.
1218 ft.

BLACKSTONE VALLEY MEDICAL BUILDING
333 SCHOOL ST
PAWTUCKET, RI

RI UST **U001212518**
N/A

Site 5 of 8 in cluster F

Relative:
Higher

UST:
Facility ID: UST-2379
Facility Class: Commercials

Actual:
59 ft.

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 10000
Tank Substance: Heating Oil No.2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLACKSTONE VALLEY MEDICAL BUILDING (Continued)

U001212518

Date Installed: 04/25/2001

F24
ENE
1/8-1/4
0.231 mi.
1218 ft.

R I MEDICAL IMAGING
333 SCHOOL ST
PAWTUCKET, RI 02860

RCRA-SQG **1000297261**
FINDS **RID982543944**
RI MANIFEST

Site 6 of 8 in cluster F

Relative:
Higher

RCRA-SQG:

Date form received by agency: 11/17/1988

Facility name: R I MEDICAL IMAGING

Facility address: 333 SCHOOL ST
PAWTUCKET, RI 02860

EPA ID: RID982543944

Mailing address: SCHOOL ST
PAWTUCKET, RI 02860

Contact: JOAN SOUSA

Contact address: 333 SCHOOL ST
PAWTUCKET, RI 02860

Contact country: US

Contact telephone: (401) 432-2520

Contact email: Not reported

EPA Region: 01

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: RI MEDICAL IMAGING
Owner/operator address: OWNERSTREET
OWNERCITY, RI 99999

Owner/operator country: Not reported

Owner/operator telephone: (401) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/0001

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R I MEDICAL IMAGING (Continued)

1000297261

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110004916182

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RI MANIFEST:

GEN Cert Date: 7/23/1998
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: NONE
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: NORTHLAND ENVIRONMENTAL INC.
TSD ID: RID040098352
TSD Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: B/L 2146
Waste Description: DISINFECTION SOLUTION
Quantity: 5
WT/Vol Units: G
Item Number: 11008
Transporter Name: 21ST CENTURY ENV. MGT. INC.
Transporter EPA ID: RID980906986
GEN Cert Date: 7/23/1998
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: Not reported
EPA ID: RID982543944
Transporter 2 ID: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

F25
ENE **333 SCHOOL ST**
1/8-1/4 **PAWTUCKET, RI 02860**
0.234 mi.
1233 ft. **Site 7 of 8 in cluster F**

EDR US Hist Auto Stat **1015432456**
N/A

Relative: EDR Historical Auto Stations:
Higher Name: **BLACKSTONE AUTO REPAIR & TOWING**
 Year: **1999**
Actual: Address: **333 SCHOOL ST**
61 ft.

F26 **R AND S REALTY**
ENE **330 SCHOOL ST**
1/8-1/4 **PAWTUCKET, RI**
0.237 mi.
1253 ft. **Site 8 of 8 in cluster F**

RI UST **U004151846**
N/A

Relative: UST:
Higher Facility ID: **UST-4389**
 Facility Class: **Commercials**
Actual: Tank ID: **1**
59 ft. **Tank Status: Permanently Closed**
 Tank Capacity: **500**
 Tank Substance: **Heating Oil No.2**
 Date Installed: **Not reported**

I27 **NORTHEAST INSULATION INC OF RI**
NE **279 SCHOOL ST**
1/8-1/4 **PAWTUCKET, RI**
0.237 mi.
1254 ft. **Site 1 of 2 in cluster I**

RCRA NonGen / NLR **1000407379**
FINDS **RID980732119**

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: **10/18/1982**
 Facility name: **NORTHEAST INSULATION INC OF RI**
Actual: Facility address: **279 SCHOOL ST**
42 ft. **PAWTUCKET, RI 02860**
 EPA ID: **RID980732119**
 Mailing address: **SCHOOL ST**
 PAWTUCKET, RI 02860
 Contact: **VERNON PIERCE**
 Contact address: **279 SCHOOL ST**
 PAWTUCKET, RI 02860
 Contact country: **US**
 Contact telephone: **(401) 725-7350**
 Contact email: **Not reported**
 EPA Region: **01**
 Classification: **Non-Generator**
 Description: **Handler: Non-Generators do not presently generate hazardous waste**

Owner/Operator Summary:
Owner/operator name: **Not reported**
Owner/operator address: **OWNERSTREET**
 OWNERCITY, RI 99999
Owner/operator country: **Not reported**
Owner/operator telephone: **(401) 555-1212**
Legal status: **Private**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHEAST INSULATION INC OF RI (Continued)

1000407379

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110004912373

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I28
NE
1/8-1/4
0.237 mi.
1254 ft.

**B.V. MEDICAL
279 SCHOOL ST
PAWTUCKET, RI**

**RI UST U001214126
N/A**

Site 2 of 2 in cluster I

**Relative:
Lower**

UST:

Facility ID: UST-16292
Facility Class: Other

**Actual:
42 ft.**

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Diesel
Date Installed: 04/25/2001

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 04/25/2001

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

H29 NW 1/8-1/4 0.246 mi. 1297 ft.	LARRY SHUSHANSKI RESIDENTIAL PROPERTY 351 EAST AVE PAWTUCKET, RI Site 2 of 2 in cluster H	RI UST	U004127706 N/A
--	--	---------------	---------------------------------

Relative: Higher Actual: 85 ft.	UST: Facility ID: UST-4274 Facility Class: Private Residence Tank ID: 1 Tank Status: Permanently Closed Tank Capacity: 3000 Tank Substance: Heating Oil No.2 Date Installed: Not reported
--	--

30 East 1/4-1/2 0.323 mi. 1705 ft.	DUNNELL LANE PROPERTIES 10 DUNNELL LANE PAWTUCKET, RI	RI SHWS RI LUST RI BROWNFIELDS	S103247266 N/A
---	--	---	---------------------------------

Relative: Higher Actual: 84 ft.	SHWS: Project Code: HARM-HWM Siterem Site Number: SR-26-0583 Facility Status: Inactive Project Code Desc: HARM-HWM Project Date: 02/17/1998
--	--

LUST: Project Number: 2625-ST Project Date: 04/09/1994 Facility Id: 16688 Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required
--

BROWNFIELDS: Project: HARM-HWM Facility Status: OPC NFA Status: I Project Date: 02/17/1998

31 SE 1/4-1/2 0.356 mi. 1881 ft.	SLATER DYE WORKS, INC. 700 SCHOOL STREET PAWTUCKET, RI	RI SHWS RI AUL RI BROWNFIELDS	S106664231 N/A
---	---	--	---------------------------------

Relative: Higher Actual: 51 ft.	SHWS: Project Code: SDWI-HWM Siterem Site Number: SR-26-1441 A Facility Status: Inactive Project Code Desc: SDWI-HWM Project Date: 09/20/2004
--	--

AUL: ELUR Date: 01/07/2005 Count Of Town: 1
--

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SLATER DYE WORKS, INC. (Continued)

S106664231

Facility Size (Acres): 1.310
Project Code: SDWI-HWM
SA Date: Not reported
Plat: 37
Lot: 528
Siterem Site Number:SR-26-1441 A

BROWNFIELDS:

Project: SDWI-HWM
Facility Status: ELUR
Status: I
Project Date: 09/20/2004

32
NNW
1/4-1/2
0.386 mi.
2039 ft.

LAWN TERRACE APARTMENTS
180-226 PLEASANT ST
PAWTUCKET, RI

RI SHWS **U001211907**
RI UST **N/A**
RI AUL
RI BROWNFIELDS

Relative:
Higher

SHWS:

Project Code: LAWN-HWM
Siterem Site Number: SR-26-0933
Facility Status: Inactive
Project Code Desc: LAWN-HWM
Project Date: 05/13/2002

Actual:
53 ft.

UST:

Facility ID: UST-1540
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1500
Tank Substance: Heating Oil No.2
Date Installed: 01/01/1977

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 1500
Tank Substance: Heating Oil No.2
Date Installed: 01/01/1977

Tank ID: 3
Tank Status: Permanently Closed
Tank Capacity: 1500
Tank Substance: Heating Oil No.2
Date Installed: 01/01/1977

Tank ID: 4
Tank Status: Permanently Closed
Tank Capacity: 1500
Tank Substance: Heating Oil No.2
Date Installed: 01/01/1977

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAWN TERRACE APARTMENTS (Continued)

U001211907

Tank ID: 5
Tank Status: Permanently Closed
Tank Capacity: 1500
Tank Substance: Heating Oil No.2
Date Installed: 01/01/1977

AUL:

ELUR Date: 09/26/2005
Count Of Town: 1
Facility Size (Acres): 2.931
Project Code: LAWN-HWM
SA Date: Not reported
Plat: 540
Lot: 887
Siterem Site Number:SR-26-0933

BROWNFIELDS:

Project: LAWN-HWM
Facility Status: LOC
Status: I
Project Date: 05/13/2002

33
East
1/4-1/2
0.396 mi.
2090 ft.

UPTOWN AUTO
50 DUNNELL LANE
PAWTUCKET, RI

RI SHWS **S109823797**
RI BROWNFIELDS **N/A**

Relative:
Higher

SHWS:

Project Code: UPTO-HWM
Siterem Site Number: SR-26-1609
Facility Status: Inactive
Project Code Desc: UPTO-HWM
Project Date: 04/15/1998

Actual:
75 ft.

BROWNFIELDS:

Project: UPTO-HWM
Facility Status: SI
Status: I
Project Date: 04/15/1998

J34
North
1/4-1/2
0.405 mi.
2139 ft.

MERCHANTS TIRE
21 DIVISION ST
PAWTUCKET, RI
Site 1 of 2 in cluster J

RCRA NonGen / NLR **1000882840**
FINDS **RID982200545**
RI SHWS
RI UST
RI MANIFEST
RI AUL
RI BROWNFIELDS

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency:06/08/2010
Facility name: MERCHANTS TIRE CO INC
Facility address: 21 DIVISION ST
PAWTUCKET, RI 02860
EPA ID: RID982200545

Actual:
43 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCHANTS TIRE (Continued)

1000882840

Mailing address: DIVISION ST
PAWTUCKET, RI 02860
Contact: KEN CLAESON
Contact address: 21 DIVISION ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 728-3700
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MERCHANTS TIRE CO INC
Owner/operator address: OWNERSTREET
OWNERCITY, RI 99999
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported
Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCHANTS TIRE (Continued)

1000882840

Historical Generators:

Date form received by agency: 05/07/1987
Facility name: MERCHANTS TIRE CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110009440783

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: TPRO-HWM
Siterem Site Number: SR-26-1540
Facility Status: Active
Project Code Desc: TPRO-HWM
Project Date: 09/18/2009

UST:

Facility ID: UST-15769
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Waste Oil
Date Installed: 04/25/2001

RI MANIFEST:

GEN Cert Date: 12/27/1988
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: CR02
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: BUELLS
TSD ID: CTD018646752
TSD Date: Not reported
Transporter 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCHANTS TIRE (Continued)

1000882840

Transporter 2 ID: Not reported
Manifest Docket Number: CTC0141297
Waste Description: OILS
Quantity: 165
WT/Vol Units: G
Item Number: 1
Transporter Name: WESTERN
Transporter EPA ID: RID980906580
GEN Cert Date: 12/27/1988
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: RID982200545
Transporter 2 ID: Not reported

AUL:

ELUR Date: 03/16/2011
Count Of Town: 1
Facility Size (Acres): 1.26
Project Code: TPRO-HWM
SA Date: Not reported
Plat: 23
Lot: 0565 & 0194
Siterem Site Number:SR-26-1540

BROWNFIELDS:

Project: TPRO-HWM
Facility Status: RA
Status: A
Project Date: 09/18/2009

**K35
SE
1/4-1/2
0.406 mi.
2143 ft.**

**SLATER DYE WORKS 2
727 SCHOOL STREET
PAWTUCKET, RI
Site 1 of 2 in cluster K**

**RI LUST S104307319
RI SPILLS N/A
RI AUL
RI BROWNFIELDS**

**Relative:
Lower**

LUST:

Project Number: 2632-ST
Project Date: 12/20/1994
Facility Id: 687
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

**Actual:
38 ft.**

SPILLS:

Report Number: 4775
Report Date: 06/01/1993
Material Spilled: Deisel
Inspector: K. Gillen
Source: Saddle tank
Complaint Number: Not reported
Complaint Date: Not reported
Inspect ID: Not reported
Inspection Date: Not reported
Founded: Not reported
Amount Spilled: +/- 25 Gals

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SLATER DYE WORKS 2 (Continued)

S104307319

Units Spilled: Not reported
Nature Of Spill: Not reported
Nature Of Spill 2: Not reported

AUL:

ELUR Date: 01/04/2007
Count Of Town: 1
Facility Size (Acres): 3.466
Project Code: SDW2-HWM
SA Date: Not reported
Plat: 37
Lot: 438
Siterem Site Number:SR-26-1441 B

BROWNFIELDS:

Project: SDW2-HWM
Facility Status: LOC
Status: I
Project Date: 02/03/2006

**K36
SE
1/4-1/2
0.406 mi.
2143 ft.**

**SLATER DYE WORKS INC
727 SCHOOL ST
PAWTUCKET, RI 02860
Site 2 of 2 in cluster K**

**RCRA NonGen / NLR 1001081328
FINDS RIR000013169
RI SHWS
RI MANIFEST**

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency:09/30/1995
Facility name: SLATER DYE WORKS INC
Facility address: 727 SCHOOL ST
PAWTUCKET, RI 02860
EPA ID: RIR000013169
Mailing address: SCHOOL ST
PAWTUCKET, RI 02860
Contact: JOSEPH HABEREK
Contact address: 750 SCHOOL ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 725-1730
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
38 ft.**

Owner/Operator Summary:

Owner/operator name: TEXTILE INVESTMENT CO INC
Owner/operator address: 727 SCHOOL ST
PAWTUCKET, RI 02860
Owner/operator country: Not reported
Owner/operator telephone: (401) 725-1730
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SLATER DYE WORKS INC (Continued)

1001081328

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: R010
Waste name: WASTE OIL

Violation Status: No violations found

FINDS:

Registry ID: 110004932832

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SLATER DYE WORKS INC (Continued)

1001081328

SHWS:

Project Code: SDW 2-HWM
Siterem Site Number: SR-26-1441 B
Facility Status: Inactive
Project Code Desc: SDW 2-HWM
Project Date: 02/03/2006

RI MANIFEST:

GEN Cert Date: 2/20/2006
Transporter Receipt Date: 2/17/2006
Number Of Containers: 1
Container Type: TT
Waste Code1: MA01R010
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDf Name: Clean Harbors of Braintree
TSDf ID: MAD053452637
TSDf Date: 2/20/2006
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIT002551
Waste Description: NON DOT REGULATED MATERIAL
Quantity: 4900
WT/Vol Units: G
Item Number: 1
Transporter Name: Clean Harbors Environmental Serv
Transporter EPA ID: MAD039322250
GEN Cert Date: 2/20/2006
Transporter Recpt Date: 2/17/2006
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: 2/20/2006
EPA ID: RIR000013169
Transporter 2 ID: Not reported

J37
North
1/4-1/2
0.415 mi.
2191 ft.

VIKING CHEVROLET GEO INC
45-55 DIVISION ST
PAWTUCKET, RI
Site 2 of 2 in cluster J

RCRA NonGen / NLR 1000882854
FINDS RID982747370
RI SHWS
RI LUST
RI MANIFEST
RI BROWNFIELDS

**Relative:
Higher**

RCRA NonGen / NLR:
Date form received by agency: 06/08/2010
Facility name: VIKING CHEVROLET GEO INC
Facility address: 45-55 DIVISION ST
PAWTUCKET, RI 02860
EPA ID: RID982747370
Mailing address: DIVISION ST
PAWTUCKET, RI 02860
Contact: ROBERT PLASSE
Contact address: 45 - 55 DIVISION ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 723-4900

**Actual:
45 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING CHEVROLET GEO INC (Continued)

1000882854

Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DOMENIC CARCIERI
Owner/operator address: 45 - 55 DIVISION STREET
PAWTUCKET, RI 02863

Owner/operator country: Not reported
Owner/operator telephone: (401) 723-4900
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 09/24/1988
Facility name: VIKING CHEVROLET GEO INC
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING CHEVROLET GEO INC (Continued)

1000882854

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING CHEVROLET GEO INC (Continued)

1000882854

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110006434484

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: DSHL-HWM
Siterem Site Number: SR-26-0422
Facility Status: Active
Project Code Desc: DSHL-HWM
Project Date: 12/05/2005

LUST:

Project Number: 2671-ST
Project Date: 08/25/1998
Facility Id: 18524
Facility Status: Soil Removal Only; No Further Action Required

RI MANIFEST:

GEN Cert Date: 2/16/1990
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D001
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: CHEM PAK
TSD ID: RID084802842
TSD Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIG0006273
Waste Description: PET NAP
Quantity: 14
WT/Vol Units: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING CHEVROLET GEO INC (Continued)

1000882854

Item Number: 1
Transporter Name: CYCLE SOLVE CORPORATION
Transporter EPA ID: RID982194987
GEN Cert Date: 2/16/1990
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID982747370
Transporter 2 ID: Not reported

BROWNFIELDS:

Project: DSHL-HWM
Facility Status: RAL
Status: A
Project Date: 12/05/2005

38
West
1/4-1/2
0.420 mi.
2219 ft.

REGAL AUTO BODY
370-382 PAWTUCKET AVENUE
PAWTUCKET, RI

RI LUST **S111785908**
N/A

Relative:
Higher

LUST:

Project Number: 26109-LS
Project Date: 03/19/2012
Facility Id: 4036
Facility Status: Soil Removal Only; No Further Action Required

Actual:
116 ft.

L39
NNE
1/4-1/2
0.438 mi.
2313 ft.

UNIVERSITY ORAL SURGERY
123 SCHOOL ST
PAWTUCKET, RI 02860
Site 1 of 2 in cluster L

RCRA-SQG **1000882960**
FINDS **RID987475829**
RI SHWS
RI MANIFEST
RI AUL
RI BROWNFIELDS

Relative:
Higher

RCRA-SQG:

Date form received by agency: 03/11/1991
Facility name: UNIVERSITY ORAL SURGERY
Facility address: 123 SCHOOL ST
SUITES 2&3
PAWTUCKET, RI 02860
EPA ID: RID987475829
Mailing address: SCHOOL ST
PAWTUCKET, RI 02860
Contact: KATHY A RICHOTTE
Contact address: 123 SCHOOL ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 272-0260
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

Actual:
58 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY ORAL SURGERY (Continued)

1000882960

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PAWTUCKET BUSINESS ASSOCIATES
Owner/operator address: 123 SCHOOL STREET
PAWQTUCKET, RI 02860
Owner/operator country: Not reported
Owner/operator telephone: (401) 272-0260
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
RI OPERZ
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110004926929

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY ORAL SURGERY (Continued)

1000882960

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009443003

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: PABA-HWM
Siterem Site Number: SR-26-1076
Facility Status: Inactive
Project Code Desc: PABA-HWM
Project Date: 09/30/2002

RI MANIFEST:

GEN Cert Date: 6/17/2004
Transporter Receipt Date: 6/17/2004
Number Of Containers: 1
Container Type: Not reported
Waste Code1: D011
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: Ecology Recovery Systems, Inc.
TSD ID: MAR000008375
TSD Date: 6/30/2004
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: Q622905
Waste Description: 5 Gal Drum Disposal-Fixer
Quantity: 5
WT/Vol Units: g
Item Number: 8019
Transporter Name: Stericycle, Inc
Transporter EPA ID: MAR000009191
GEN Cert Date: 6/17/2004
Transporter Recpt Date: 6/17/2004
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: 6/30/2004
EPA ID: RID987475829
Transporter 2 ID: Not reported

AUL:

ELUR Date: 08/14/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY ORAL SURGERY (Continued)

1000882960

Count Of Town: 1
Facility Size (Acres): 0.509
Project Code: PABA-HWM
SA Date: Not reported
Plat: 23
Lot: 611
Siterem Site Number:SR-26-1076

BROWNFIELDS:

Project: PABA-HWM
Facility Status: LOC
Status: I
Project Date: 09/30/2002

**40
SE
1/4-1/2
0.467 mi.
2465 ft.**

**SLATER SCREEN PRINT CORP
750 SCHOOL ST
PAWTUCKET, RI 02860**

**RCRA NonGen / NLR 1001081331
RI SHWS RIR000013193
RI MANIFEST
RI AUL
RI BROWNFIELDS**

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency:09/29/1995
Facility name: SLATER SCREEN PRINT CORP
Facility address: 750 SCHOOL ST
PAWTUCKET, RI 02860
EPA ID: RIR000013193
Mailing address: SCHOOL ST
PAWTUCKET, RI 02860
Contact: JOSEPH HABEREK
Contact address: 750 SCHOOL ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 725-1730
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
21 ft.**

Owner/Operator Summary:

Owner/operator name: TEXTILE INVESTMENT CO INC
Owner/operator address: 727 SCHOOL ST
PAWTUCKET, RI 02860
Owner/operator country: Not reported
Owner/operator telephone: (401) 725-1730
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SLATER SCREEN PRINT CORP (Continued)

1001081331

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: R010
Waste name: WASTE OIL

Violation Status: No violations found

SHWS:

Project Code: SLSP-HWM
Siterem Site Number: SR-26-1443
Facility Status: Inactive
Project Code Desc: SLSP-HWM
Project Date: 02/03/2006

RI MANIFEST:

GEN Cert Date: 11/11/1999
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: NONE
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: NORTHLAND ENVIRONMENTAL INC.
TSD ID: RID040098352
TSD Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIS0036178
Waste Description: SAND & #6 OIL
Quantity: 7000
WT/Vol Units: p
Item Number: 19298
Transporter Name: 21ST CENTURY ENV. MGT. INC.
Transporter EPA ID: RID980906986
GEN Cert Date: 11/11/1999
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: Not reported
EPA ID: RIR000013193
Transporter 2 ID: Not reported

AUL:

ELUR Date: 01/04/2007
Count Of Town: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SLATER SCREEN PRINT CORP (Continued)

1001081331

Facility Size (Acres): 3.512
Project Code: SLSP-HWM
SA Date: Not reported
Plat: 37
Lot: 452
Siterem Site Number:SR-26-1443

BROWNFIELDS:

Project: SLSP-HWM
Facility Status: LOC
Status: I
Project Date: 02/03/2006

L41
NNE
1/4-1/2
0.467 mi.
2468 ft.

SUNOCO SERVICE STA
81 SCHOOL ST
PAWTUCKET, RI
Site 2 of 2 in cluster L

RCRA NonGen / NLR 1000882691
FINDS RID000843078
RI LUST
RI UST
RI MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency:08/10/2007
Facility name: SUNOCO SERVICE STA
Facility address: 81 SCHOOL ST
PAWTUCKET, RI 02860
EPA ID: RID000843078
Mailing address: SCHOOL ST
PAWTUCKET, RI 02860
Contact: TONY ALVES
Contact address: 81 SCHOOL ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 726-9272
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
58 ft.

Owner/Operator Summary:

Owner/operator name: SUN OIL COMPANY OF PENNSYLVANIA
Owner/operator address: 35 TERMINAL ROAD
PROVIDENCE, RI 99999
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO SERVICE STA (Continued)

1000882691

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 02/24/2000
Facility name: SUNOCO SERVICE STA
Site name: SUNOCO SERVICE STATION - 0006-0541
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: SUNOCO SERVICE STA
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO SERVICE STA (Continued)

1000882691

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110009438536

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Project Number: 2607-LS

Project Date: 09/17/1990

Facility Id: 621

Facility Status: Soil Removal Only; No Further Action Required

UST:

Facility ID: UST-621

Facility Class: Gasoline Station

Tank ID: 1

Tank Status: Permanently Closed

Tank Capacity: 6000

Tank Substance: Gasoline

Date Installed: 10/01/1966

Tank ID: 2

Tank Status: Permanently Closed

Tank Capacity: 6000

Tank Substance: Gasoline

Date Installed: 10/01/1966

Tank ID: 3

Tank Status: Permanently Closed

Tank Capacity: 6000

Tank Substance: Gasoline

Date Installed: 10/01/1966

Tank ID: 4

Tank Status: Permanently Closed

Tank Capacity: 4000

Tank Substance: Diesel

Date Installed: 10/01/1975

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO SERVICE STA (Continued)

1000882691

Tank ID: 5
Tank Status: In Use
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 09/01/1990

Tank ID: 6
Tank Status: In Use
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 09/01/1990

Tank ID: 7
Tank Status: In Use
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 09/01/1990

RI MANIFEST:

GEN Cert Date: 9/25/1990
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: F003
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDf Name: CHEM PAK
TSDf ID: RID084802842
TSDf Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: NHC0022995
Waste Description: SOLV REAGENTS
Quantity: 165
WT/Vol Units: G
Item Number: 1
Transporter Name: TWM
Transporter EPA ID: NHD980521843
GEN Cert Date: 9/25/1990
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID000843078
Transporter 2 ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

42
WNW
1/4-1/2
0.470 mi.
2480 ft.

76 JEFFERSON AVENUE
76 JEFFERSON AVENUE
PAWTUCKET, RI 02860

US BROWNFIELDS

1014834493
N/A

Relative:
Higher

US BROWNFIELDS:

Actual:
115 ft.

Recipient name: Rhode Island Department of Environmental Management
 Grant type: Assessment
 Property name: 76 JEFFERSON AVENUE
 Property #: 550513
 Parcel size: .12
 Property Description: The site was initially developed for residential purposes in the early 1900s. This site was acquired by the Pawtucket Redevelopment Agency in April 2009 and the house was demolished shortly thereafter. The site is currently operated as a community garden.
 Latitude: 41.86924
 Longitude: -71.392401
 HCM label: Not reported
 Map scale: Not reported
 Point of reference: Not reported
 Datum: Not reported
 ACRES property ID: 111162
 Start date: Not reported
 Completed date: Not reported
 Acres cleaned up: Not reported
 Cleanup funding: Not reported
 Cleanup funding source: Not reported
 Assessment funding: 3210
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment funding: Not reported
 Redev. funding source: Not reported
 Redev. funding entity name: Not reported
 Redevelopment start date: Not reported
 Assessment funding entity: EPA
 Cleanup funding entity: Not reported
 Grant type: H
 Accomplishment type: Phase I Environmental Assessment
 Accomplishment count: 1
 Cooperative agreement #: 96115201
 Ownership entity: Private
 Current owner: Pawtucket Redevelopment Agency
 Did owner change: N
 Cleanup required: Unknown
 Video available: No
 Photo available: Yes
 Institutional controls required: U
 IC Category proprietary controls: Not reported
 IC cat. info. devices: Not reported
 IC cat. gov. controls: Not reported
 IC cat. enforcement permit tools: Not reported
 IC in place date: Not reported
 IC in place: Not reported
 State/tribal program date: Not reported
 State/tribal program ID: Not reported
 State/tribal NFA date: Not reported
 Air contaminated: Not reported
 Air cleaned: Not reported
 Asbestos found: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

76 JEFFERSON AVENUE (Continued)

1014834493

Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Y
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.12
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N

43
West
1/4-1/2
0.472 mi.
2493 ft.

BETHANY BAPTIST CHURCH
182 SAYLES AVENUE
PAWTUCKET, RI

RI LUST S107167351
N/A

Relative:
Higher

LUST:

Project Number: 26101-ST
 Project Date: 09/09/2005
 Facility Id: 4029

Actual:
104 ft.

Facility Status: Soil Removal Only; No Further Action Required

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

44
NE
1/4-1/2
0.481 mi.
2541 ft.

MEMORIAL HOSPITAL OF RHODE ISLAND
111 BREWSTER STREET
PAWTUCKET, RI 02860

RCRA-SQG 1000341368
FINDS RID069852580
RI LUST
RI UST
RI MANIFEST
NJ MANIFEST
RI AIRS
US AIRS

Relative:
Higher

Actual:
95 ft.

RCRA-SQG:

Date form received by agency: 09/10/1981
Facility name: MEMORIAL HOSPITAL OF RI
Facility address: 111 BREWSTER ST
PAWTUCKET, RI 02860
EPA ID: RID069852580
Mailing address: BREWSTER ST
PAWTUCKET, RI 02860
Contact: THOMAS L ROSS
Contact address: 111 BREWSTER ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 729-2146
Contact email: Not reported
EPA Region: 01
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MEMORIAL HOSPITAL OF RI
Owner/operator address: 111 BREWSTER STREET
PAWTUCKET, RI 02860
Owner/operator country: Not reported
Owner/operator telephone: (401) 729-2146
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D005
Waste name: BARIUM

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D022
Waste name: CHLOROFORM

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U246
Waste name: CYANOGEN BROMIDE (CN)BR

Waste code: U328
Waste name: BENZENAMINE, 2-METHYL-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 02/02/2010
Date achieved compliance: 06/03/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 02/02/2010
Date achieved compliance: 06/03/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 02/02/2010
Date achieved compliance: 06/03/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 02/02/2010
Date achieved compliance: 06/03/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 02/02/2010
Date achieved compliance: 06/03/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 02/02/2010
Date achieved compliance: 06/03/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 06/03/2010
Evaluation: CORRECTIVE ACTION COMPLIANCE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/03/2010
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 06/03/2010
Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date achieved compliance: 06/03/2010
Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 06/03/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 06/03/2010
Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 06/03/2010
Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-General Facility Standards
Date achieved compliance: 06/03/2010
Evaluation lead agency: State

FINDS:

Registry ID: 110004908887

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

SPCC

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

LUST:

Project Number: 26110-ST
Project Date: 07/10/2013
Facility Id: 3420
Facility Status: Active; Investigation/Remed. Required

UST:

Facility ID: UST-3420
Facility Class: Other

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 5000
Tank Substance: Diesel
Date Installed: 05/01/1964

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Diesel
Date Installed: 05/01/1950

Tank ID: 3
Tank Status: Permanently Closed
Tank Capacity: 20000
Tank Substance: Heating Oil No.6
Date Installed: 10/01/1973

Tank ID: 4
Tank Status: Permanently Closed
Tank Capacity: 20000
Tank Substance: Heating Oil No.6
Date Installed: 10/01/1973

Tank ID: 5
Tank Status: Permanently Closed
Tank Capacity: 10000
Tank Substance: Heating Oil No.6
Date Installed: 04/25/2001

Tank ID: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Tank Status: Permanently Closed

Tank Capacity: 10000

Tank Substance: Heating Oil No.6

Date Installed: 04/25/2001

RI MANIFEST:

GEN Cert Date: 5/30/2008

Transporter Receipt Date: Not reported

Number Of Containers: 1

Container Type: Not reported

Waste Code1: DO11

Waste Code2: Not reported

Waste Code3: Not reported

Comment: Not reported

Fee Exempt Code: Not reported

TSDf Name: Ecology Recovery Systems,

TSDf ID: MAR000008375

TSDf Date: 5/30/2008

Transporter 2 Name: Not reported

Transporter 2 ID: Not reported

Manifest Docket Number: 000788316 FLE

Waste Description: HAZARDOUS WASTE, LIQUID, N.O.S.9, NA3082, PG111(ERG#171)(SILVER/AMMONIUM THIOSULFATE)

Quantity: 15

WT/Vol Units: G

Item Number: a

Transporter Name: ECOLOGY RECOVERY SYSTEMS, INC.

Transporter EPA ID: MAR000008375

GEN Cert Date: 5/30/2008

Transporter Recpt Date: Not reported

Transporter 2 Recpt Date: Not reported

TSDf Recpt Date: 5/30/2008

EPA ID: RID069852580

Transporter 2 ID: Not reported

NJ MANIFEST:

Manifest Code: 007969288JJK

EPA ID: RID069852580

Date Shipped: 6/21/2011

TSDf EPA ID: NJD002200046

Transporter EPA ID: NJ0000027193

Transporter 2 EPA ID: Not reported

Transporter 3 EPA ID: Not reported

Transporter 4 EPA ID: Not reported

Transporter 5 EPA ID: Not reported

Transporter 6 EPA ID: Not reported

Transporter 7 EPA ID: Not reported

Transporter 8 EPA ID: Not reported

Transporter 10 EPA ID: Not reported

Date Trans1 Transported Waste: Not reported

Date Trans2 Transported Waste: Not reported

Date Trans3 Transported Waste: Not reported

Date Trans4 Transported Waste: Not reported

Date Trans5 Transported Waste: Not reported

Date Trans6 Transported Waste: Not reported

Date Trans7 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: MEMORIAL HOSPITAL
Transporter-1 EPA Facility Name: CLEAN VENTURE, INC
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: CYCLE CHEM INC
QTY Units: Pounds
Transporter SEQ ID: 1.00
Transporter-1 Date: 6/21/2011
Waste SEQ ID: 1.00
Waste Type Code 2: D002
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 6/28/2011
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): Not reported
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 5.00
Unit: Pounds
Hand Code: H141

Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 50.00
Unit: Pounds
Hand Code: H061

Manifest Code: 007969288JJK
EPA ID: RID069852580
Date Shipped: 6/21/2011
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: MEMORIAL HOSPITAL
Transporter-1 EPA Facility Name: CLEAN VENTURE, INC
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: CYCLE CHEM INC
QTY Units: Pounds
Transporter SEQ ID: 1.00
Transporter-1 Date: 6/21/2011
Waste SEQ ID: 2.00
Waste Type Code 2: F003
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 6/28/2011
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): Not reported
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 5.00
Unit: Pounds
Hand Code: H141

Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 50.00
Unit: Pounds
Hand Code: H061

Manifest Code: 000842498.JJK
EPA ID: RID069852580
Date Shipped: 02/26/2007
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/26/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	03/01/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H06
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	200
Unit:	P
Hand Code:	H06
Manifest Code:	NJA5114878
EPA ID:	RID069852580
Date Shipped:	03/03/2005
TSDf EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/03/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 03/15/2005
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04130535
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5243858
EPA ID: RID069852580
Date Shipped: 06/22/2005
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/22/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 06/28/2005
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08030521
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5244097
EPA ID: RID069852580
Date Shipped: 10/20/2005
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/20/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/10/2005
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 02140622
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: 004889387JJK
EPA ID: RID069852580
Date Shipped: 03/04/2009
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/04/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/11/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	30
Unit:	P
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	20
Unit:	P
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	15
Unit:	P
Hand Code:	H061

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Waste Code: D003
Manifest Year: 2009 New Jersey Manifest Data
Quantity: 5
Unit: P
Hand Code: H061

Manifest Code: 004889388JJK
EPA ID: RID069852580
Date Shipped: 03/04/2009
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/04/2009
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 03/11/2009
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Manifest Year: 2009 New Jersey Manifest Data
Quantity: 35
Unit: P
Hand Code: H141

Manifest Code: 008778434JJK
EPA ID: RID069852580
Date Shipped: 11/16/2011
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: MEMORIAL HOSPITAL
Transporter-1 EPA Facility Name: CLEAN VENTURE, INC
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: CYCLE CHEM INC
QTY Units: gallons
Transporter SEQ ID: 1.00
Transporter-1 Date: 11/16/2011
Waste SEQ ID: 1.00
Waste Type Code 2: F003
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 11/30/2011
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): Not reported
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Quantity: 30.00
Unit: gallons
Hand Code: H061

Manifest Code: 004891292JJK
EPA ID: RID069852580
Date Shipped: 07/20/2009
TSDf EPA ID: NJD002182897
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/20/2009
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 07/28/2009
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2009 New Jersey Manifest Data
Quantity: 55

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Unit: G
Hand Code: H141

Manifest Code: 004891293JJK
EPA ID: RID069852580
Date Shipped: 07/20/2009
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/20/2009
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 07/29/2009
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2009 New Jersey Manifest Data
Quantity: 50
Unit: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Hand Code: H141

Manifest Code: 003761092JJK
EPA ID: RID069852580
Date Shipped: 05/16/2008
TSDf EPA ID: NJD002182897
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/16/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 05/19/2008
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2008 New Jersey Manifest Data
Quantity: 300
Unit: P
Hand Code: H141

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Manifest Code: 007967790JJK
EPA ID: RID069852580
Date Shipped: 3/28/2011
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: MEMORIAL HOSPITAL
Transporter-1 EPA Facility Name: CLEAN VENTURE, INC
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: CYCLE CHEM INC
QTY Units: Pounds
Transporter SEQ ID: 1.00
Transporter-1 Date: 3/28/2011
Waste SEQ ID: 2.00
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: 3/31/2011
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): Not reported
Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 30.00
Unit: Pounds
Hand Code: H141

Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 200.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Unit:	Pounds
Hand Code:	H061
Manifest Code:	007967790JJK
EPA ID:	RID069852580
Date Shipped:	3/28/2011
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	MEMORIAL HOSPITAL
Transporter-1 EPA Facility Name:	CLEAN VENTURE, INC
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	CYCLE CHEM INC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	3/28/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	F003
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	3/31/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	30.00
Unit:	Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Hand Code: H141
Waste Code: D001
Manifest Year: 2011 New Jersey Manifest Data
Quantity: 200.00
Unit: Pounds
Hand Code: H061

Manifest Code: 005874772JJK
EPA ID: RID069852580
Date Shipped: 03/10/2010
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/10/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 03/17/2010
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Reason Load Was Rejected: Not reported
Waste Code: D001
Manifest Year: 2010 New Jersey Manifest Data
Quantity: 5
Unit: G
Hand Code: H061

Waste Code: D001
Manifest Year: 2010 New Jersey Manifest Data
Quantity: 30
Unit: G
Hand Code: H061

Manifest Code: NJA5007607
EPA ID: RID069852580
Date Shipped: 01/27/2004
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/27/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/10/2004
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03190425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5007608
EPA ID: RID069852580
Date Shipped: 01/27/2004
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/27/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/10/2004
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Manifest Discrepancy Type: Not reported
Data Entry Number: 03190425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5007609
EPA ID: RID069852580
Date Shipped: 01/27/2004
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/27/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/10/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Data Entry Number: 03190425
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA4116963
EPA ID: RID069852580
Date Shipped: 01/27/2004
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/27/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 02/10/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 03190421

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5078531
EPA ID: RID069852580
Date Shipped: 06/23/2004
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: NJ0000027193
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/23/2004
Date Trans2 Transported Waste: 06/30/2004
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 07/07/2004
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08040425
Reference Manifest Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

AIRS:

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: 395
Date Received: 01/01/1990
Invent Year: 2010
Source Classification: Not reported
Total Volatile Organic Compound Emissions (lbs): Not reported
Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
Oxides of Nitrogen Emitted (lbs): Not reported
Carbon Monoxide Emitted (lbs): Not reported
Total Particulate Matter Emitted (lbs): Not reported
Total Oxides of sulfur Emitted (lbs): Not reported
Mailing Name: THOMAS ROSS
Mailing Addr1: 111 BREWSTER ST
Mailing Addr2: Not reported
Mailing City/State/Zip: PAWTUCKET, RI 02860
Num of Employees: 600
Telephone Number: 4017292476

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: Not reported
Date Received: Not reported
Invent Year: 2002
Source Classification: 39000689
Total Volatile Organic Compound Emissions (lbs): 9
Total Haz Air Pollutants Emitted Defined by EPA (lbs): 0
Oxides of Nitrogen Emitted (lbs): 177
Carbon Monoxide Emitted (lbs): 35
Total Particulate Matter Emitted (lbs): 10
Total Oxides of sulfur Emitted (lbs): 1
Mailing Name: Not reported
Mailing Addr1: Not reported
Mailing Addr2: Not reported
Mailing City/State/Zip: Not reported
Num of Employees: Not reported
Telephone Number: Not reported

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: Not reported
Date Received: Not reported
Invent Year: 2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Source Classification: 31503101
Total Volatile Organic Compound Emissions (lbs): 0
Total Haz Air Pollutants Emitted Defined by EPA (lbs): 0
Oxides of Nitrogen Emitted (lbs): 0
Carbon Monoxide Emitted (lbs): 0
Total Particulate Matter Emitted (lbs): 0
Total Oxides of sulfur Emitted (lbs): 0
Mailing Name: Not reported
Mailing Addr1: Not reported
Mailing Addr2: Not reported
Mailing City/State/Zip: Not reported
Num of Employees: Not reported
Telephone Number: Not reported

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: Not reported
Date Received: Not reported
Invent Year: 2002
Source Classification: 31502001
Total Volatile Organic Compound Emissions (lbs): 3
Total Haz Air Pollutants Emitted Defined by EPA (lbs): 3
Oxides of Nitrogen Emitted (lbs): 0
Carbon Monoxide Emitted (lbs): 0
Total Particulate Matter Emitted (lbs): 0
Total Oxides of sulfur Emitted (lbs): 0
Mailing Name: Not reported
Mailing Addr1: Not reported
Mailing Addr2: Not reported
Mailing City/State/Zip: Not reported
Num of Employees: Not reported
Telephone Number: Not reported

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: Not reported
Date Received: Not reported
Invent Year: 2002
Source Classification: 20300101
Total Volatile Organic Compound Emissions (lbs): 201
Total Haz Air Pollutants Emitted Defined by EPA (lbs): 0
Oxides of Nitrogen Emitted (lbs): 933
Carbon Monoxide Emitted (lbs): 202
Total Particulate Matter Emitted (lbs): 67
Total Oxides of sulfur Emitted (lbs): 62
Mailing Name: Not reported
Mailing Addr1: Not reported
Mailing Addr2: Not reported
Mailing City/State/Zip: Not reported
Num of Employees: Not reported
Telephone Number: Not reported

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Ploverid: Not reported
Date Received: Not reported
Invent Year: 2002
Source Classification: 10300602
Total Volatile Organic Compound Emissions (lbs): 97
Total Haz Air Pollutants Emitted Defined by EPA (lbs): 0
Oxides of Nitrogen Emitted (lbs): 1764
Carbon Monoxide Emitted (lbs): 1482
Total Particulate Matter Emitted (lbs): 268
Total Oxides of sulfur Emitted (lbs): 11
Mailing Name: Not reported
Mailing Addr1: Not reported
Mailing Addr2: Not reported
Mailing City/State/Zip: Not reported
Num of Employees: Not reported
Telephone Number: Not reported

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: Not reported
Date Received: Not reported
Invent Year: 2002
Source Classification: 10300402
Total Volatile Organic Compound Emissions (lbs): 456
Total Haz Air Pollutants Emitted Defined by EPA (lbs): 0
Oxides of Nitrogen Emitted (lbs): 30293
Carbon Monoxide Emitted (lbs): 2019
Total Particulate Matter Emitted (lbs): 10445
Total Oxides of sulfur Emitted (lbs): 64222
Mailing Name: Not reported
Mailing Addr1: Not reported
Mailing Addr2: Not reported
Mailing City/State/Zip: Not reported
Num of Employees: Not reported
Telephone Number: Not reported

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: Not reported
Date Received: Not reported
Invent Year: Not reported
Source Classification: Not reported
Total Volatile Organic Compound Emissions (lbs): Not reported
Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
Oxides of Nitrogen Emitted (lbs): Not reported
Carbon Monoxide Emitted (lbs): Not reported
Total Particulate Matter Emitted (lbs): Not reported
Total Oxides of sulfur Emitted (lbs): Not reported
Mailing Name: THOMAS ROSS
Mailing Addr1: 111 BREWSTER ST
Mailing Addr2: null
Mailing City/State/Zip: PAWTUCKET, RI 02860
Num of Employees: 600
Telephone Number: 401-729-2476

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: 395
Date Received: 01/01/1990
Invent Year: 2009
Source Classification: Not reported
Total Volatile Organic Compound Emissions (lbs): Not reported
Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
Oxides of Nitrogen Emitted (lbs): Not reported
Carbon Monoxide Emitted (lbs): Not reported
Total Particulate Matter Emitted (lbs): Not reported
Total Oxides of sulfur Emitted (lbs): Not reported
Mailing Name: THOMAS ROSS
Mailing Addr1: 111 BREWSTER ST
Mailing Addr2: Not reported
Mailing City/State/Zip: PAWTUCKET, RI 02860
Num of Employees: 600
Telephone Number: 4017292476

Facility ID: AIR964
SIC Code: 8062
AIRS Code: Not reported
Ploverid: 395
Date Received: 01/01/1990
Invent Year: 2012
Source Classification: Not reported
Total Volatile Organic Compound Emissions (lbs): Not reported
Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
Oxides of Nitrogen Emitted (lbs): Not reported
Carbon Monoxide Emitted (lbs): Not reported
Total Particulate Matter Emitted (lbs): Not reported
Total Oxides of sulfur Emitted (lbs): Not reported
Mailing Name: THOMAS ROSS
Mailing Addr1: 111 BREWSTER ST
Mailing Addr2: Not reported
Mailing City/State/Zip: PAWTUCKET, RI 02860
Num of Employees: 600
Telephone Number: 4017292476

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110004908887
Plant name: MEMORIAL HOSPITAL OF RHODE ISLAND
Plant address: 111 BREWSTER STREET
PAWTUCKET, RI 02860
County: PROVIDENCE
Region code: 01
Dunn & Bradst #: Not reported
Air quality cntrl region: 120
Sic code: 8062
Sic code desc: Not reported
North Am. industrial classf: 622110
NAIC code description: General Medical and Surgical Hospitals
Default compliance status: IN COMPLIANCE - CERTIFICATION
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Govt facility: IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 001206
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 020926
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 030204
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 030204
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 030421
Penalty amount: 000003500

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060414
Penalty amount: Not reported

Air program: Not reported
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100702
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 970617
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 971212
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980625
Penalty amount: 000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Air program: SIP SOURCE
National action type: EPA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980625
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 991213
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEMORIAL HOSPITAL OF RHODE ISLAND (Continued)

1000341368

Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

45
WNW
1/4-1/2
0.496 mi.
2618 ft.

VAZ PROPERTY - HEATING OIL SPILL
178 MULBERRY STREET
PAWTUCKET, RI

RI SHWS S113712135
RI BROWNFIELDS N/A

Relative:
Higher

SHWS:
Project Code: VPHOS-HWM
Siterem Site Number: SR-26-1619
Facility Status: Active
Project Code Desc: VPHOS-HWM
Project Date: 03/01/2013

Actual:
118 ft.

BROWNFIELDS:
Project: VPHOS-HWM
Facility Status: LOR
Status: A
Project Date: 03/01/2013

46
ESE
1/2-1
0.523 mi.
2759 ft.

COMMERCIAL PAINTING, INC.
75 BEVERAGE HILL AVENUE
PAWTUCKET, RI

RI SHWS S112057128
RI AUL N/A
RI BROWNFIELDS

Relative:
Higher

SHWS:
Project Code: CPI-HWM
Siterem Site Number: SR-26-0279
Facility Status: Inactive
Project Code Desc: CPI-HWM
Project Date: 05/31/2012

Actual:
58 ft.

AUL:
ELUR Date: 01/31/2013
Count Of Town: 1
Facility Size (Acres): 0.409
Project Code: CPI-HWM
SA Date: Not reported
Plat: 37
Lot: 509
Siterem Site Number: SR-26-0279

BROWNFIELDS:
Project: CPI-HWM
Facility Status: LOC
Status: I
Project Date: 05/31/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

47
SE
1/2-1
0.551 mi.
2909 ft.

CRYSTAL TOOL & DIE CO INC
51 CHARLTON AVE
PAWTUCKET, RI 02861

RCRA NonGen / NLR
RI SHWS
RI MANIFEST
RI BROWNFIELDS
1000387573
RID987467644

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
45 ft.**

Date form received by agency: 10/04/1988
Facility name: CRYSTAL TOOL & DIE CO INC
Facility address: 51 CHARLTON AVE
PAWTUCKET, RI 02861
EPA ID: RID987467644
Mailing address: CHARLTON AVE
PAWTUCKET, RI 02861
Contact: CARL ARCHAMBAULT
Contact address: 51 CHARLTON AVE
PAWTUCKET, RI 02861
Contact country: US
Contact telephone: (401) 725-4550
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CARL ARCHAMBAULT
Owner/operator address: OWNERSTREET
OWNERCITY, RI 99999
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRYSTAL TOOL & DIE CO INC (Continued)

1000387573

WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

SHWS:

Project Code: CRY5 -HWM
Siterem Site Number: SR-26-0321
Facility Status: Active
Project Code Desc: CRY5 -HWM
Project Date: 05/30/2012

RI MANIFEST:

GEN Cert Date: 5/3/1994
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: F002
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDf Name: CHEM PAK CORP
TSDf ID: RID084802842
TSDf Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIG0051725
Waste Description: PERCHLOROETHYLENE
Quantity: 55
WT/Vol Units: G
Item Number: 1
Transporter Name: CYCLE SOLVE CORP
Transporter EPA ID: RID982194987
GEN Cert Date: 5/3/1994
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID987467644
Transporter 2 ID: Not reported

BROWNFIELDS:

Project: CRY5 -HWM
Facility Status: LOR
Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRYSTAL TOOL & DIE CO INC (Continued)

1000387573

Project Date: 05/30/2012

48
North
1/2-1
0.570 mi.
3011 ft.

APEX INC
100 MAIN ST
PAWTUCKET, RI 02862

RCRA NonGen / NLR
FINDS
RI SHWS
RI MANIFEST
RI BROWNFIELDS

1000922092
RID987478419

Relative:
Higher

RCRA NonGen / NLR:

Actual:
47 ft.

Date form received by agency: 10/15/2007
Facility name: APEX INC
Facility address: 100 MAIN ST
PAWTUCKET, RI 02862
EPA ID: RID987478419
Mailing address: MAIN ST
PAWTUCKET, RI 02862
Contact: DANIEL LAMOUREUX
Contact address: 100 MAIN ST
PAWTUCKET, RI 02862
Contact country: US
Contact telephone: (401) 723-3500
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NORMAN FAIN
Owner/operator address: OWNERSTREET
OWNERCITY, RI OWNER
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
RI OPERZ
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APEX INC (Continued)

1000922092

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/15/1991
Facility name: APEX INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D011
Waste name: SILVER

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110004927161

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: APEX1-HWM
Siterem Site Number: SR-26-1710 A
Facility Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APEX INC (Continued)

1000922092

Project Code Desc: APEX1-HWM
Project Date: 06/26/2013

RI MANIFEST:

GEN Cert Date: 1/21/2005
Transporter Receipt Date: 1/21/2005
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D039
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDf Name: Not reported
TSDf ID: Not reported
TSDf Date: 1/21/2005
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAU004591
Waste Description: WASTE COMBUSTIBLE LIQUID, N.O.S.
Quantity: 11
WT/Vol Units: G
Item Number: 1
Transporter Name: SAFETY-KLEEN SYSTEMS, INC
Transporter EPA ID: TXR000050930
GEN Cert Date: 1/21/2005
Transporter Recpt Date: 1/21/2005
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: 1/21/2005
EPA ID: RID987478419
Transporter 2 ID: Not reported

BROWNFIELDS:

Project: APEX1-HWM
Facility Status: PN
Status: A
Project Date: 06/26/2013

49
North
1/2-1
0.580 mi.
3065 ft.

**APEX DEVELOPMENT 2 - 10 SCHOOL STRE
10 SCHOOL STREET
PAWTUCKET, RI**

**RI SHWS S113740764
RI BROWNFIELDS N/A**

**Relative:
Higher**

SHWS:

Project Code: APEX2-HWM
Siterem Site Number: SR-26-1710 B
Facility Status: Active
Project Code Desc: APEX2-HWM
Project Date: 06/28/2013

**Actual:
63 ft.**

BROWNFIELDS:

Project: APEX2-HWM
Facility Status: PN
Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APEX DEVELOPMENT 2 - 10 SCHOOL STRE (Continued)

S113740764

Project Date: 06/28/2013

50
WSW
1/2-1
0.627 mi.
3309 ft.

DARTMOUTH REALTY
210 DARTMOUTH STREET
PAWTUCKET, RI

RI SHWS
RI BROWNFIELDS

S103247265
N/A

Relative:
Higher

SHWS:
Project Code: DRE-HWM
Siterem Site Number: SR-26-0346
Facility Status: Inactive
Project Code Desc: DRE-HWM
Project Date: Not reported

Actual:
94 ft.

BROWNFIELDS:
Project: DRE-HWM
Facility Status: Not reported
Status: I
Project Date: Not reported

51
North
1/2-1
0.630 mi.
3329 ft.

ST GEORGE'S CHURCH (FORMER)
46 MAIN STREET
PAWTUCKET, RI

RI SHWS
RI AUL
RI BROWNFIELDS

S108962989
N/A

Relative:
Higher

SHWS:
Project Code: SGEO-HWM
Siterem Site Number: SR-26-1468
Facility Status: Inactive
Project Code Desc: SGEO-HWM
Project Date: 09/26/2007

Actual:
65 ft.

AUL:
ELUR Date: 04/15/2010
Count Of Town: 1
Facility Size (Acres): 0.5
Project Code: SGEO-HWM
SA Date: Not reported
Plat: 23
Lot: 541
Siterem Site Number:SR-26-1468

BROWNFIELDS:
Project: SGEO-HWM
Facility Status: LOC
Status: I
Project Date: 09/26/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

52
WSW
1/2-1
0.654 mi.
3455 ft.

WOODLAWN LAUNDRY & CLEANERS INC
479 WEST AVE
PAWTUCKET, RI

RCRA NonGen / NLR
FINDS
RI SHWS
RI MANIFEST
RI BROWNFIELDS

1000189875
RID980909931

Relative:
Higher

RCRA NonGen / NLR:

Actual:
85 ft.

Date form received by agency: 03/20/1984
Facility name: WOODLAWN LAUNDRY & CLEANERS INC
Facility address: 479 WEST AVE
PAWTUCKET, RI 02860
EPA ID: RID980909931
Mailing address: WEST AVE
PAWTUCKET, RI 02860
Contact: DONALD THEROUX
Contact address: 479 WEST AVE
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 725-6944
Contact email: Not reported
EPA Region: 01
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: NONE
Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/18/1984
Date achieved compliance: 02/02/2000
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLAWN LAUNDRY & CLEANERS INC (Continued)

1000189875

Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 02/02/2000
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - General
Date achieved compliance: 02/02/2000
Evaluation lead agency: State

Evaluation date: 06/18/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/02/2000
Evaluation lead agency: State

FINDS:

Registry ID: 110004912596

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: WLCL-HWM
Siterem Site Number: SR-26-1688
Facility Status: Inactive
Project Code Desc: WLCL-HWM
Project Date: 06/13/1994

RI MANIFEST:

GEN Cert Date: 3/30/1988
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: F002
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: SK
TSD ID: OHD980587364
TSD Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIA0017623
Waste Description: PCE
Quantity: 180
WT/Vol Units: P
Item Number: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLAWN LAUNDRY & CLEANERS INC (Continued)

1000189875

Transporter Name: SK
Transporter EPA ID: ILD000805911
GEN Cert Date: 3/30/1988
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID980909931
Transporter 2 ID: Not reported

BROWNFIELDS:

Project: WLCL-HWM
Facility Status: LOC ISSUED
Status: I
Project Date: 06/13/1994

53
WNW
1/2-1
0.700 mi.
3695 ft.

OFFENHAUSER RI /CONTINENTAL BRONZE
11 WEBB STREET
PAWTUCKET, RI

RI SHWS S105857067
RI BROWNFIELDS N/A

Relative:
Higher

SHWS:

Project Code: OFFH-HWM
Siterem Site Number: SR-26-1036
Facility Status: Active
Project Code Desc: OFFH-HWM
Project Date: 05/15/2003

Actual:
88 ft.

BROWNFIELDS:

Project: OFFH-HWM
Facility Status: RAWP
Status: A
Project Date: 05/15/2003

54
North
1/2-1
0.719 mi.
3797 ft.

SOVEREIGN BANK
210 MAIN STREET
PAWTUCKET, RI

RI SHWS S104305181
RI SPILLS N/A
RI AUL
RI BROWNFIELDS

Relative:
Lower

SHWS:

Project Code: SOVE-HWM
Siterem Site Number: SR-26-1457
Facility Status: Inactive
Project Code Desc: SOVE-HWM
Project Date: 07/16/2001

Actual:
35 ft.

SPILLS:

Report Number: 97-204
Report Date: 07-05-1997
Material Spilled: UNK
Inspector: Not reported
Source: Not reported
Complaint Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOVEREIGN BANK (Continued)

S104305181

Complaint Date: Not reported
Inspect ID: Not reported
Inspection Date: Not reported
Founded: Not reported
Amount Spilled: UNK
Units Spilled: UNK
Nature Of Spill: Not reported
Nature Of Spill 2: Not reported

AUL:

ELUR Date: 08/25/2005
Count Of Town: 1
Facility Size (Acres): 0.579
Project Code: SOVE-HWM
SA Date: Not reported
Plat: 53
Lot: 622
Siterem Site Number:SR-26-1457

BROWNFIELDS:

Project: SOVE-HWM
Facility Status: NFA
Status: I
Project Date: 07/16/2001

55
North
1/2-1
0.732 mi.
3864 ft.

BLACKSTONE RIVER WALL REPAIRS (OLD
67 ROOSEVELT AVENUE
PAWTUCKET, RI

RI SHWS **S113921952**
RI BROWNFIELDS **N/A**

Relative:
Lower

SHWS:

Project Code: BRSM-HWM
Siterem Site Number: SR-26-1706
Facility Status: Active
Project Code Desc: BRSM-HWM
Project Date: 09/16/2013

Actual:
31 ft.

BROWNFIELDS:

Project: BRSM-HWM
Facility Status: STR
Status: A
Project Date: 09/16/2013

56
NNW
1/2-1
0.753 mi.
3977 ft.

MAACO AUTO PAINTING & BODY WORKS
501 MAIN ST
PAWTUCKET, RI

RCRA-SQG **1000174808**
FINDS **RID980907034**
RI SHWS
RI MANIFEST
RI AUL
RI BROWNFIELDS

Relative:
Higher

RCRA-SQG:

Date form received by agency:03/06/1984
Facility name: MAACO AUTO PAINTING & BODY WORKS
Facility address: 501 MAIN ST

Actual:
88 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAACO AUTO PAINTING & BODY WORKS (Continued)

1000174808

EPA ID: PAWTUCKET, RI 02860
RID980907034
Mailing address: MAIN ST
PAWTUCKET, RI 02860
Contact: JEFFREY MOCARSKY
Contact address: 501 MAIN ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 726-8210
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: JEFF MOCARSKY
Owner/operator address: 40 ADIRONDACK DRIVE
EAST GREENWICH, RI 02818
Owner/operator country: Not reported
Owner/operator telephone: (401) 885-5512
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAACO AUTO PAINTING & BODY WORKS (Continued)

1000174808

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004912541

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: MACO-HWM
Siterem Site Number: SR-26-0768
Facility Status: Inactive
Project Code Desc: MACO-HWM
Project Date: 06/19/2000

RI MANIFEST:

GEN Cert Date: 6/25/1999
Transporter Receipt Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAACO AUTO PAINTING & BODY WORKS (Continued)

1000174808

Number Of Containers: 0
Container Type: Not reported
Waste Code1: D001
Waste Code2: F003
Waste Code3: F005
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: CLEAN HARBORS OF BRAINTREE INC
TSD ID: MAD053452637
TSD Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAK082888
Waste Description: TOL XYL
Quantity: 40
WT/Vol Units: G
Item Number: 1
Transporter Name: ADVANCED ENV TECH SVS
Transporter EPA ID: NJD080631369
GEN Cert Date: 6/25/1999
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: Not reported
EPA ID: RID980907034
Transporter 2 ID: Not reported

AUL:

ELUR Date: 10/06/2008
Count Of Town: 1
Facility Size (Acres): 1
Project Code: MACO-HWM
SA Date: Not reported
Plat: 53
Lot: 612
Siterem Site Number:SR-26-0768

BROWNFIELDS:

Project: MACO-HWM
Facility Status: LOC
Status: I
Project Date: 06/19/2000

57
East
1/2-1
0.784 mi.
4141 ft.

SARGEANT & WILBUR HEAT TREATMENT
170 YORK AVE
PAWTUCKET, RI

RCRA NonGen / NLR **1000233468**
FINDS **RID001462597**
RI SHWS
RI MANIFEST
RI BROWNFIELDS

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency:09/06/1985
Facility name: SARGEANT & WILBUR HEAT TREATMENT
Facility address: 170 YORK AVE
PAWTUCKET, RI 02860
EPA ID: RID001462597
Mailing address: YORK AVE
PAWTUCKET, RI 02860

Actual:
71 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SARGEANT & WILBUR HEAT TREATMENT (Continued)

1000233468

Contact: STEPHEN-D HINTON
Contact address: 170 YORK AVE
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 728-8278
Contact email: Not reported
EPA Region: 01
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, RI 99999
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/15/1985
Date achieved compliance: 11/19/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/25/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SARGEANT & WILBUR HEAT TREATMENT (Continued)

1000233468

Evaluation date: 04/15/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/19/1985
Evaluation lead agency: State

FINDS:

Registry ID: 110004904257

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: GPRO-HWM
Siterem Site Number: SR-26-0516
Facility Status: Inactive
Project Code Desc: GPRO-HWM
Project Date: Not reported

RI MANIFEST:

GEN Cert Date: 8/11/1988
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: MA01
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDf Name: JET LINE
TSDf ID: MAD062179890
TSDf Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAC427257
Waste Description: OIL
Quantity: 928
WT/Vol Units: G
Item Number: 1
Transporter Name: JET LNE
Transporter EPA ID: MAD062179890
GEN Cert Date: 8/11/1988
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID001462597
Transporter 2 ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SARGEANT & WILBUR HEAT TREATMENT (Continued)

1000233468

BROWNFIELDS:

Project: GPRO-HWM
Facility Status: COST REC
Status: I
Project Date: Not reported

58
East
1/2-1
0.802 mi.
4232 ft.

AGAR MACHINING & WELDING
270 YORK AVE
PAWTUCKET, RI 02860

RCRA-SQG **1004779416**
FINDS **RI5000010462**
RI SHWS
RI MANIFEST
RI BROWNFIELDS

Relative:
Higher

RCRA-SQG:

Actual:
76 ft.

Date form received by agency: 10/01/2009
Facility name: AGAR MACHINING & WELDING
Facility address: 270 YORK AVE
PAWTUCKET, RI 02860
EPA ID: RI5000010462
Mailing address: YORK AVE
PAWTUCKET, RI 02860
Contact: LAURENCE LANOIE
Contact address: YORK AVE
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 724-2260
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GEORGE LANOIE
Owner/operator address: SHERMAN AVE
LINCOLN, RI 02865
Owner/operator country: Not reported
Owner/operator telephone: (401) 334-3674
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THOMAS MCGEE
Owner/operator address: SOUTH ST
FOXBORO, MA 02035
Owner/operator country: Not reported
Owner/operator telephone: (508) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGAR MACHINING & WELDING (Continued)

1004779416

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/30/1997
Facility name: AGAR MACHINING & WELDING
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110004900340

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGAR MACHINING & WELDING (Continued)

1004779416

Project Code: SSPC-NJD
Siterem Site Number: Not reported
Facility Status: Inactive
Project Code Desc: SSPC-NJD
Project Date: 01/03/1997

RI MANIFEST:

GEN Cert Date: 3/19/2008
Transporter Receipt Date: 3/19/2008
Number Of Containers: 1
Container Type: DM
Waste Code1: D001
Waste Code2: D039
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: SAFETY-KLEEN SYSTEMS, INC.
TSD ID: RID084802842
TSD Date: 3/20/2008
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: 000117803UIS
Waste Description: RQ WASTE PETROLEUM DISTILLATES NOS
Quantity: 15
WT/Vol Units: G
Item Number: 1
Transporter Name: SAFETY-KLEEN SYSTEMS, INC.
Transporter EPA ID: TXR000050930
GEN Cert Date: 3/19/2008
Transporter Recpt Date: 3/19/2008
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: 3/20/2008
EPA ID: RI5000010462
Transporter 2 ID: Not reported

BROWNFIELDS:

Project: SSPC-NJD
Facility Status: NJD
Status: I
Project Date: 01/03/1997

59
NNW
1/2-1
0.802 mi.
4234 ft.

**PARKIN YARN (FORMER)
21 COMMERCE STREET
PAWTUCKET, RI**

**RI SHWS S106250418
RI AUL N/A
RI BROWNFIELDS**

**Relative:
Higher**

SHWS:

Project Code: PARY-HWM
Siterem Site Number: SR-26-1063
Facility Status: Inactive
Project Code Desc: PARY-HWM
Project Date: 02/10/2004

**Actual:
78 ft.**

AUL:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARKIN YARN (FORMER) (Continued)

S106250418

ELUR Date: 06/22/2004
Count Of Town: 1
Facility Size (Acres): 0.238
Project Code: PARY-HWM
SA Date: Not reported
Plat: 53
Lot: 603
Siterem Site Number:SR-26-1063

BROWNFIELDS:

Project: PARY-HWM
Facility Status: Not reported
Status: I
Project Date: 02/10/2004

60
WSW
1/2-1
0.817 mi.
4316 ft.

SCHOOLHOUSE CANDY
1005 MAIN ST/75-77 ESTEN AVE
PAWTUCKET, RI

RI SHWS S106664230
RI BROWNFIELDS N/A

Relative:
Higher

SHWS:

Project Code: SCHC-HWM
Siterem Site Number: SR-26-1407
Facility Status: Active
Project Code Desc: SCHC-HWM
Project Date: 01/06/1999

Actual:
82 ft.

BROWNFIELDS:

Project: SCHC-HWM
Facility Status: RA
Status: A
Project Date: 01/06/1999

61
ENE
1/2-1
0.834 mi.
4404 ft.

RI TEXTILE
400 YORK AVENUE
PAWTUCKET, RI

RI SHWS S104410791
RI LUST N/A
RI AUL
RI BROWNFIELDS

Relative:
Higher

SHWS:

Project Code: RIT-HWM
Siterem Site Number: SR-26-1159
Facility Status: Active
Project Code Desc: RIT-HWM
Project Date: Not reported

Actual:
81 ft.

LUST:

Project Number: 2606-LS
Project Date: 07/01/1990
Facility Id: Not reported
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

AUL:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RI TEXTILE (Continued)

S104410791

ELUR Date: 11/07/1997
Count Of Town: 1
Facility Size (Acres): Not reported
Project Code: RIT-HWM
SA Date: Not reported
Plat: Not reported
Lot: Not reported
Siterem Site Number:SR-26-1159

BROWNFIELDS:

Project: RIT-HWM
Facility Status: MON
Status: A
Project Date: Not reported

62
NNW
1/2-1
0.844 mi.
4456 ft.

PINE STREET ASSOCIATES
258 PINE STREET
PAWTUCKET, RI

RI SHWS S106859355
RI AUL N/A
RI BROWNFIELDS

Relative:
Higher

SHWS:

Project Code: PINE-HWM
Siterem Site Number: SR-26-1109
Facility Status: Active
Project Code Desc: PINE-HWM
Project Date: 03/16/2005

Actual:
79 ft.

AUL:

ELUR Date: 11/29/2005
Count Of Town: 1
Facility Size (Acres): 2.399
Project Code: PINE-HWM
SA Date: Not reported
Plat: 53A
Lot: 567, 568
Siterem Site Number:SR-26-1109

BROWNFIELDS:

Project: PINE-HWM
Facility Status: RDL
Status: A
Project Date: 03/16/2005

63
East
1/2-1
0.878 mi.
4635 ft.

U S POSTAL SERVICE
30 MONTICELLO ROAD
PAWTUCKET, RI

RI SHWS S105082122
RI BROWNFIELDS N/A

Relative:
Higher

SHWS:

Project Code: USPS-HWM
Siterem Site Number: SR-26-1611
Facility Status: Active
Project Code Desc: USPS-HWM

Actual:
71 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U S POSTAL SERVICE (Continued)

S105082122

Project Date: Not reported

BROWNFIELDS:

Project: USPS-HWM
Facility Status: TRAP
Status: A
Project Date: Not reported

**M64
WSW
1/2-1
0.887 mi.
4685 ft.**

**NARRAGANSETT WIRE CO
1125 MAIN STREET
PAWTUCKET, RI
Site 1 of 2 in cluster M**

**RCRA NonGen / NLR 1000215416
FINDS RID089359475
RI SHWS
RI MANIFEST
RI AUL**

**Relative:
Higher**

RCRA NonGen / NLR:

Date form received by agency: 02/25/2000
Facility name: HYPERION ENTERPRISES INC
Facility address: 1125 MAIN ST
PAWTUCKET, RI 02860
EPA ID: RID089359475
Mailing address: MAIN ST
PAWTUCKET, RI 02860
Contact: VINCENT DETORA
Contact address: 1125 MAIN ST
PAWTUCKET, RI 02860
Contact country: US
Contact telephone: (401) 728-3585
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
81 ft.**

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, RI 99999
Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NARRAGANSETT WIRE CO (Continued)

1000215416

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/11/1984
Facility name: HYPERION ENTERPRISES INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001663753

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Project Code: NARW -HWM
Siterem Site Number: SR-26-0909 B
Facility Status: Inactive
Project Code Desc: NARW -HWM
Project Date: 06/16/1997

RI MANIFEST:

GEN Cert Date: 1/12/1988
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D001
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: CHEM PAK
TSD ID: RID084802842
TSD Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NARRAGANSETT WIRE CO (Continued)

1000215416

Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIA0016605
Waste Description: LACQUER THINNER
Quantity: 165
WT/Vol Units: G
Item Number: 1
Transporter Name: GM GANNON
Transporter EPA ID: RID051580834
GEN Cert Date: 1/12/1988
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDf Recpt Date: Not reported
EPA ID: RID089359475
Transporter 2 ID: Not reported

AUL:

ELUR Date: 05/12/1999
Count Of Town: 1
Facility Size (Acres): 0.01
Project Code: NGMF-HWM
SA Date: Not reported
Plat: Not reported
Lot: Not reported
Siterem Site Number:SR-26-0909 A

N65
NNW
1/2-1
0.890 mi.
4698 ft.

CENTENIAL TOWERS
35 GOFF STREET
PAWTUCKET, RI
Site 1 of 2 in cluster N

RI SHWS S104943039
RI BROWNFIELDS N/A

Relative:
Higher

SHWS:
Project Code: CENT-HWM
Siterem Site Number: SR-26-0228
Facility Status: Active
Project Code Desc: CENT-HWM
Project Date: 09/21/2000

Actual:
76 ft.

BROWNFIELDS:

Project: CENT-HWM
Facility Status: RAWPPEND
Status: A
Project Date: 09/21/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N66
North
1/2-1
0.897 mi.
4737 ft.

NATIONAL GRID - VAULT 355
GOFF & BROAD STREET
PAWTUCKET, RI

RI SHWS **S109172350**
RI BROWNFIELDS **N/A**

Site 2 of 2 in cluster N

Relative:
Higher

SHWS:
Project Code: NE355-HWM
Siterem Site Number: SR-26-0946
Facility Status: Active
Project Code Desc: NE355-HWM
Project Date: 05/02/2008

Actual:
77 ft.

BROWNFIELDS:
Project: NE355-HWM
Facility Status: LOR
Status: A
Project Date: 05/02/2008

67
North
1/2-1
0.902 mi.
4762 ft.

PAWTUCKET ARMORY
172 EXCHANGE STREET
PAWTUCKET, RI

RI SHWS **S106250419**
RI AUL **N/A**
RI BROWNFIELDS

Relative:
Higher

SHWS:
Project Code: PAWA-RLF
Siterem Site Number: SR-26-1075
Facility Status: Active
Project Code Desc: PAWA-RLF
Project Date: 12/18/2004

Actual:
68 ft.

Project Code: PAWA-HWM
Siterem Site Number: SR-26-1075
Facility Status: Inactive
Project Code Desc: PAWA-HWM
Project Date: 02/09/2004

AUL:
ELUR Date: 09/30/2010
Count Of Town: 1
Facility Size (Acres): 0.861
Project Code: PAWA-HWM
SA Date: Not reported
Plat: 22
Lot: 211
Siterem Site Number: SR-26-1075

BROWNFIELDS:
Project: PAWA-RLF
Facility Status: LOC
Status: A
Project Date: 12/18/2004

Project: PAWA-HWM
Facility Status: LOC
Status: I
Project Date: 02/09/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M68
WSW
1/2-1
0.902 mi.
4764 ft.

GATEWAY MEDICAL CENTER (FORMER)
1145 MAIN STREET
PAWTUCKET, RI

RI SHWS S110633444
RI BROWNFIELDS N/A

Site 2 of 2 in cluster M

Relative:
Higher

SHWS:
Project Code: GATE-HWM
Siterem Site Number: SR-26-0520
Facility Status: Active
Project Code Desc: GATE-HWM
Project Date: 10/12/2010

Actual:
87 ft.

BROWNFIELDS:
Project: GATE-HWM
Facility Status: SIR
Status: A
Project Date: 10/12/2010

69
North
1/2-1
0.909 mi.
4798 ft.

ROOSEVELT AVENUE DISPOSAL
ROOSEVELT AVENUE
PAWTUCKET, RI

RI SHWS S104180281
RI BROWNFIELDS N/A

Relative:
Lower

SHWS:
Project Code: ROO-HWM
Siterem Site Number: SR-26-1284
Facility Status: Inactive
Project Code Desc: ROO-HWM
Project Date: Not reported

Actual:
32 ft.

BROWNFIELDS:
Project: ROO-HWM
Facility Status: Not reported
Status: I
Project Date: Not reported

70
ENE
1/2-1
0.967 mi.
5107 ft.

R.I. TEXTILE 2 (SEE NEWMAN CROSBY)
57 FARRELL STREET
PAWTUCKET, RI

RI SHWS S109514940
RI BROWNFIELDS N/A

Relative:
Higher

SHWS:
Project Code: RTX2-HWM
Siterem Site Number: SR-26-0992 A
Facility Status: Active
Project Code Desc: RTX2-HWM
Project Date: 10/28/2008

Actual:
81 ft.

BROWNFIELDS:
Project: RTX2-HWM
Facility Status: Not reported
Status: A
Project Date: 10/28/2008

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

71
 North
 1/2-1
 0.986 mi.
 5208 ft.

CAROL CABLE (NO FILE- SEE LS #2650)
249 ROOSEVELT AVENUE
PAWTUCKET, RI

RI SHWS S104308956
RI LUST N/A
RI SPILLS
RI BROWNFIELDS

Relative:
Lower

SHWS:
 Project Code: CCPA-HWM
 Siterem Site Number: SR-26-0222
Facility Status: Inactive
 Project Code Desc: CCPA-HWM
 Project Date: Not reported

Actual:
42 ft.

LUST:

Project Number: 2650-ST
 Project Date: 05/01/1991
 Facility Id: 18518
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

SPILLS:

Report Number: 93-018
 Report Date: 27-09-1993
 Material Spilled: QA-4 quenching oil
 Inspector: Kevin Gillen
 Source: Not reported
 Complaint Number: Not reported
 Complaint Date: Not reported
 Inspect ID: Not reported
 Inspection Date: Not reported
 Founded: Not reported
 Amount Spilled: +/- 25
 Units Spilled: Gallons
 Nature Of Spill: Not reported
 Nature Of Spill 2: Not reported

BROWNFIELDS:

Project: CCPA-HWM
 Facility Status: Not reported
 Status: I
 Project Date: Not reported

72
 North
 1/2-1
 0.990 mi.
 5226 ft.

DENNIS PRINTING COMPANY
69 MONTGOMERY STREET
PAWTUCKET, RI

RI SHWS S104410790
RI AUL N/A
RI BROWNFIELDS

Relative:
Higher

SHWS:
 Project Code: DENP-HWM
 Siterem Site Number: SR-26-0369
Facility Status: Inactive
 Project Code Desc: DENP-HWM
 Project Date: 01/27/2000

Actual:
77 ft.

AUL:

ELUR Date: 11/02/2000
 Count Of Town: 1
 Facility Size (Acres): 0.170

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENNIS PRINTING COMPANY (Continued)

S104410790

Project Code: DENP-HWM
SA Date: 10/04/2000
Plat: 43B
Lot: 614
Siterem Site Number:SR-26-0369

BROWNFIELDS:

Project: DENP-HWM
Facility Status: LOC
Status: I
Project Date: 01/27/2000

73
ENE
1/2-1
0.991 mi.
5230 ft.

**L'HEUREUX PROPERTY
512 YORK AVENUE
PAWTUCKET, RI**

**RI SHWS S103247270
RI BROWNFIELDS N/A**

**Relative:
Higher**

SHWS:

Project Code: LHP-HWM
Siterem Site Number: SR-26-0739

**Actual:
83 ft.**

Facility Status: Inactive
Project Code Desc: LHP-HWM
Project Date: Not reported

BROWNFIELDS:

Project: LHP-HWM
Facility Status: Not reported
Status: I
Project Date: Not reported

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LINCOLN	1000433026	MANVILLE WELL FIELD	ALBION ROAD	02860	CERC-NFRAP, RI SHWS, RI BROWNFIELDS
PAWTUCKET	S107673499	HORD CRYSTAL CORPORATION	33 & 45 YORK AVENUE		RI SHWS, RI BROWNFIELDS
PAWTUCKET	S110043332	PAWTUCKET BRIDGE #550 REMEDIATION	ROUTE 95 OVER TAFT AND PLEASAN		RI SHWS, RI BROWNFIELDS
PAWTUCKET	S106664224	BEATTY STREET (ALSO SEE PETULA)	BEATTY STREET		RI SHWS, RI BROWNFIELDS
PAWTUCKET	S106664228	PETULA ASSOCIATES (ALSO SEE BEATTY	BROAD/MASON & GOFF STREETS		RI SHWS, RI BROWNFIELDS
PAWTUCKET	1000353013	CONRAIL PROVIDENCE ENGINE TERM	COLFAX ST TOWER A 21	02860	RCRA NonGen / NLR
PAWTUCKET	S108962988	CONANT STREET MILL SITE - LOT 569	CONANT STREET		RI SHWS, RI BROWNFIELDS
PAWTUCKET	1016144990	C & S TRUCK	30 DUNNELL LN EAST UNIT 2 & 3		RCRA-SQG, FINDS
PAWTUCKET	1000144293	TEXACO STA	FALCON & EAST STS	02860	RCRA NonGen / NLR
PAWTUCKET	S109015339	GROTTO AVENUE LOT 236 (ALSO PROCAC	GROTTO AVENUE		RI SHWS, RI BROWNFIELDS
PAWTUCKET	S106664227	MOSHASSUCK VALLEY INDUSTRIAL PARK	MULTI-SITE		RI SHWS, RI BROWNFIELDS
PAWTUCKET	1016297015	EDWARD J CREAMER ADMINISTRATION	PARK PL		FINDS
PAWTUCKET	1005625635	EDWARD J CREAMER ADMINISTRATION	PARK PL	02860	FTTS, HIST FTTS
PAWTUCKET	1007646464	PLEASANT STREET MERCURY SPILL	PLEASANT STREET	02860	CERC-NFRAP
PAWTUCKET	S103247277	SAMUEL AVE. DISPOSAL	SAMUEL AVE.		RI SHWS, RI BROWNFIELDS
PAWTUCKET	S104306255	FESTIVAL PIER	SCHOOL STREET		RI SHWS, RI SPILLS, RI BROWNFIELDS
PAWTUCKET	1014834756	TOWN LANDING	TAFT STREET	02860	US BROWNFIELDS
PAWTUCKET	S106664225	BLACKSTONE VALLEY ELECT STOR (FORM	YORK AVENUE		RI SHWS, RI BROWNFIELDS
PROVIDENCE COUNTY	M300001864	P. J. KEATING CO.	CRANSTON QUARRY		US MINES
PROVIDENCE COUNTY	M300005822	J. H. LYNCH & SON, INC.	LYNCH PIT		US MINES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/11/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 06/05/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/22/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 06/05/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/22/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/26/2014	Source: Department of the Navy
Date Data Arrived at EDR: 02/28/2014	Telephone: 843-820-7326
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 05/19/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: List of CERCLIS and State Sites in RI

This list includes sites that have been investigated under the Federal CERCLIS program (SFA sites) as well as sites that have notified under the state program or have been investigated for hazardous substances (HWM sites).

Date of Government Version: 03/25/2014	Source: Department of Environmental Management
Date Data Arrived at EDR: 04/17/2014	Telephone: 401-222-3872
Date Made Active in Reports: 05/16/2014	Last EDR Contact: 04/17/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/15/2014	Source: Department of Environmental Management
Date Data Arrived at EDR: 04/18/2014	Telephone: 401-222-2797
Date Made Active in Reports: 05/06/2014	Last EDR Contact: 04/18/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Quarterly

LCP: Landfill Closure Program Sites in RI

This inventory contains both formerly permitted landfills that are closed as well as dumps that were never licensed by the Department. This list does not include Superfund Sites and current or former Federal Facilities. This list includes lat/long data that has not been field verified.

Date of Government Version: 03/25/2014	Source: Department of Environmental Management
Date Data Arrived at EDR: 04/18/2014	Telephone: 401-222-2797
Date Made Active in Reports: 05/06/2014	Last EDR Contact: 04/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: LUST Case List

The LUST Case List is a summary of UST Facilities in RI with leaking USTs, which includes information on the date of release discovery and the status of the LUST Case (active, soil removal only, or inactive).

Date of Government Version: 02/07/2014	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/14/2014	Telephone: 401-222-3872
Date Made Active in Reports: 03/24/2014	Last EDR Contact: 04/14/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 02/21/2014	Telephone: 913-551-7003
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/21/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 05/02/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/28/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-8677
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-7439
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013	Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: UST Master List

The UST Master List is a summary of registered UST Facilities in RI, which includes information on abandoned, in use, permanently closed and temporarily closed USTs.

Date of Government Version: 02/07/2014	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/14/2014	Telephone: 401-222-2797
Date Made Active in Reports: 03/24/2014	Last EDR Contact: 04/14/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2013
Date Data Arrived at EDR: 06/26/2013
Date Made Active in Reports: 08/06/2013
Number of Days to Update: 41

Source: Department of Environmental Management
Telephone: 401-222-3872
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 42

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/15/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Waste Management Sites with Environmental Land Use Restrictions

This list was developed by RIDEM for use as a general reference and are not meant to be legally authoritative source for the location of hazardous materials, nor for the status, condition or permissible use of a site.

Date of Government Version: 01/27/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 14

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2013	Telephone: 617-918-1102
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/01/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

Brownfields are real properties where the expansion, redevelopment or reuse may be complicated by the actual or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 01/27/2014	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/13/2014	Telephone: 401-222-2797
Date Made Active in Reports: 03/25/2014	Last EDR Contact: 05/15/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2014	Telephone: 202-566-2777
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 03/20/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/07/2014
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/28/2014
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/02/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/18/2014
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/10/2013	Telephone: 202-307-1000
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 06/04/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Information Listing
A listing of clandestine drug lab site locations.

Date of Government Version: 10/03/2006	Source: Dept of Environmental Management
Date Data Arrived at EDR: 12/04/2006	Telephone: 401-274-4400
Date Made Active in Reports: 12/18/2006	Last EDR Contact: 03/24/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 06/04/2014
Number of Days to Update: 131	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2014	Telephone: 202-366-4555
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/01/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

SPILLS: Oil & Hazardous Material Response Log/Spill Report

Spills reported to the Office of Emergency Response.

Date of Government Version: 11/15/2004	Source: Dept. of Environmental Management
Date Data Arrived at EDR: 02/04/2005	Telephone: 401-222-3872
Date Made Active in Reports: 03/24/2005	Last EDR Contact: 04/01/2014
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/30/2014
	Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 01/04/2001	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/13/2014	Telephone: (888) 372-7341
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 03/13/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/18/2014
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/29/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (617) 918-1111
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 03/14/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/12/2013	Telephone: 202-564-8600
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 05/30/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Biennially

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/21/2013	Telephone: 401-222-2797
Date Made Active in Reports: 08/05/2013	Last EDR Contact: 05/27/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner locations.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/02/2013
Number of Days to Update: 32

Source: Department of Environmental Management
Telephone: 401-222-2808
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

NPDES: Permit and Facility Data

A listing of permitted wastewater facilities

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 47

Source: Department of Environmental Management
Telephone: 401-222-4700
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

AIRS: Air Emissions Listing

A listing of facilities with air emissions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/02/2013
Number of Days to Update: 32

Source: Department of Environmental Management
Telephone: 401-222-2808
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

LEAD: Lead Inspections Database

The listing includes Highest Risk Premises which are properties declared unsafe for habitation by children under age six (6), and Properties with Multiple Poisonings, which are properties that have been the source of multiple lead poisonings and are not currently lead safe.

Date of Government Version: 03/24/2014
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/22/2014
Number of Days to Update: 28

Source: Department of Health, Environmental Lead Program
Telephone: 401-222-5960
Last EDR Contact: 03/25/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Quarterly

LEAD CERT: Lead Safe Housing Registry

Properties with Active "Lead Free", "Lead Safe", "Acceptable Dust" and "Annual Re-inspection" certificates.

Date of Government Version: 02/12/2014
Date Data Arrived at EDR: 03/14/2014
Date Made Active in Reports: 04/22/2014
Number of Days to Update: 39

Source: Department of Health
Telephone: 401-222-7791
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 03/31/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 03/31/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2014	Telephone: 202-566-1917
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 05/16/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Quarterly

Financial Assurance: Financial Assurance Information

Financial assurance information for hazardous waste facilities.

Date of Government Version: 05/14/2010	Source: Department of Environmental Management
Date Data Arrived at EDR: 05/14/2010	Telephone: 401-222-2797
Date Made Active in Reports: 06/21/2010	Last EDR Contact: 05/09/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 08/18/2014
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/11/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/02/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 05/16/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/25/2014
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Rhode Island.

Date of Government Version: N/A	Source: Department of Environmental Management
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/17/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 200	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Rhode Island.

Date of Government Version: N/A	Source: Department of Environmental Management
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Rhode Island.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 191

Source: Department of Environmental Management
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/23/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/28/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 02/11/2014
Date Made Active in Reports: 03/11/2014
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012

Date Data Arrived at EDR: 08/09/2013

Date Made Active in Reports: 09/27/2013

Number of Days to Update: 49

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Provider Listing

Source: Department of Children, Youth & Families

Telephone: 401-528-3624

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Classification Data

Source: Dept. of Administration/Statewide Planning

Telephone: 401-222-6483

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FRANCIS J. VARIEUR ELEMENTARY
486 PLEASANT STREET
PAWTUCKET, RI 02860

TARGET PROPERTY COORDINATES

Latitude (North): 41.8661 - 41° 51' 57.96"
Longitude (West): 71.3832 - 71° 22' 59.52"
Universal Tranverse Mercator: Zone 19
UTM X (Meters): 302204.0
UTM Y (Meters): 4637442.5
Elevation: 45 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 41071-G4 PROVIDENCE, RI
Most Recent Revision: 1987

North Map: 41071-H4 PAWTUCKET, RI MA
Most Recent Revision: 1987

Northeast Map: 41071-H3 ATTLEBORO, MA RI
Most Recent Revision: 1987

East Map: 41071-G3 EAST PROVIDENCE, RI MA
Most Recent Revision: 1987

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

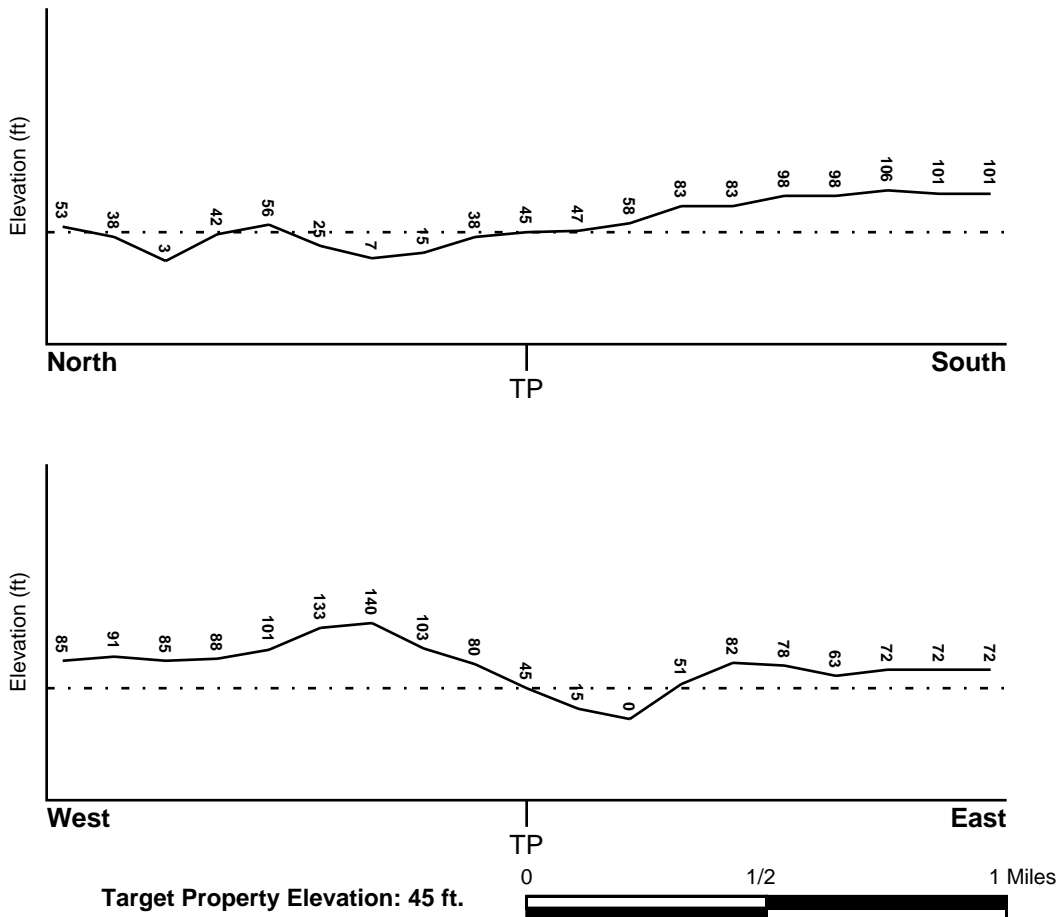
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> PROVIDENCE, RI	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	44007C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> PROVIDENCE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

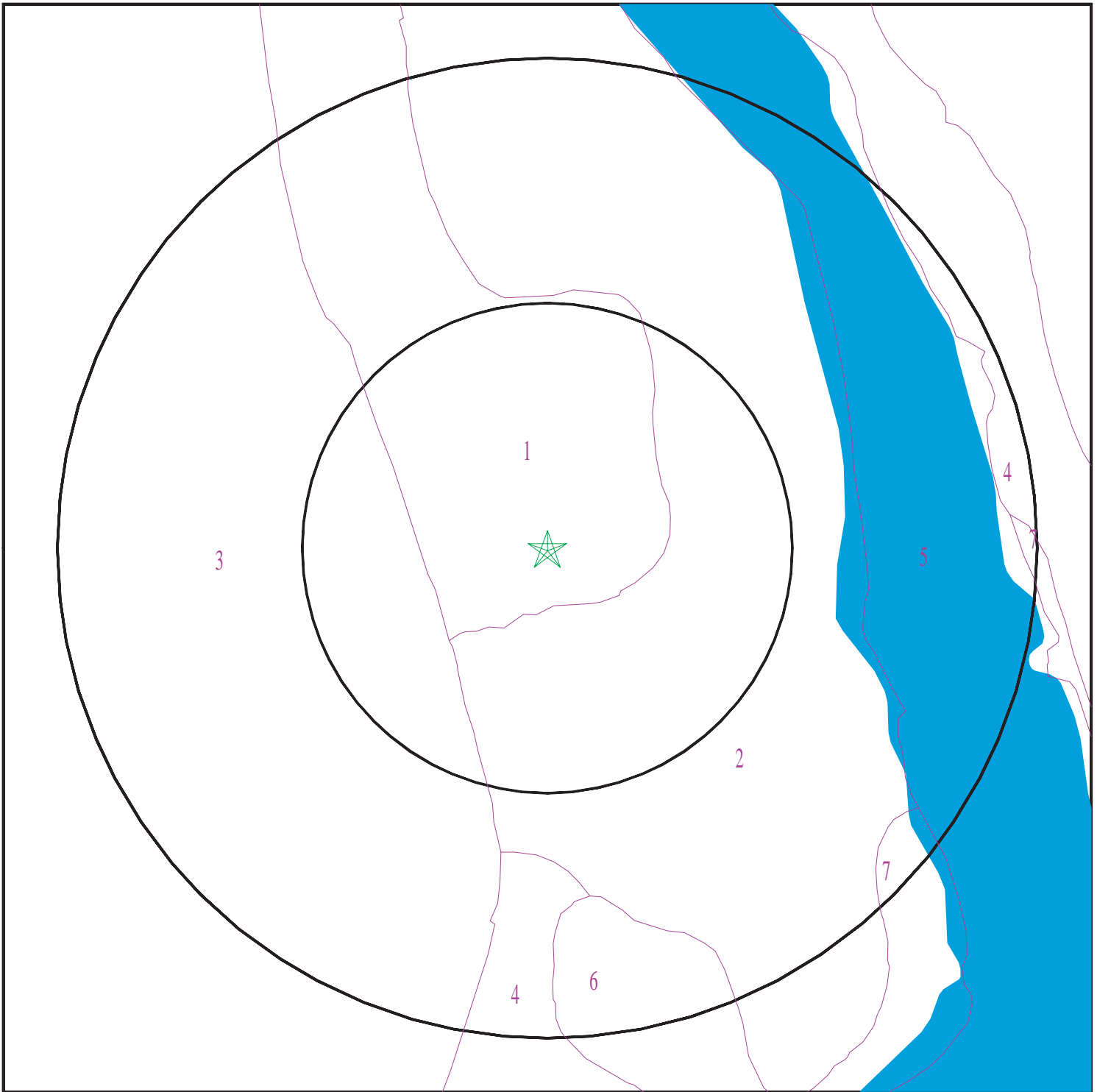
Era:	Paleozoic
System:	Pennsylvanian
Series:	Pennsylvanian
Code:	PP <i>(decoded above as Era, System & Series)</i>

GEOLOGIC AGE IDENTIFICATION

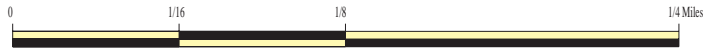
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3965720.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Francis J. Varieur Elementary
ADDRESS: 486 Pleasant Street
Pawtucket RI 02860
LAT/LONG: 41.8661 / 71.3832

CLIENT: EA Engineering Science & Tech.
CONTACT: Mary Russo
INQUIRY #: 3965720.2s
DATE: June 06, 2014 3:51 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Udorthents

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches		Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6
2	11 inches	25 inches		Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6
3	25 inches	59 inches		Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

Soil Map ID: 3

Soil Component Name: Paxton

Soil Surface Texture:
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	5 inches	22 inches		Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
3	22 inches	64 inches		Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Hinckley

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches		Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	9 inches	16 inches		Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	16 inches	59 inches		Not reported	Not reported	Max: 705 Min: 141.14	Max: 6 Min: 3.6

Soil Map ID: 5

Soil Component Name: Water

Soil Surface Texture:

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Pits

Soil Surface Texture:

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 7

Soil Component Name: Hinckley

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches		Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	9 inches	16 inches		Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	16 inches	59 inches		Not reported	Not reported	Max: 705 Min: 141.14	Max: 6 Min: 3.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001049701	0 - 1/8 Mile East
A2	USGS40001049696	0 - 1/8 Mile SW
A3	USGS40001049697	1/8 - 1/4 Mile WSW
4	USGS40001049689	1/8 - 1/4 Mile SSE
5	USGS40001049710	1/8 - 1/4 Mile NNW
6	USGS40001049694	1/8 - 1/4 Mile WSW
7	USGS40001049709	1/4 - 1/2 Mile ENE
8	USGS40001049695	1/4 - 1/2 Mile ESE
9	USGS40001049716	1/4 - 1/2 Mile NNE
10	USGS40001049684	1/4 - 1/2 Mile ESE
11	USGS40001049720	1/4 - 1/2 Mile NNE
12	USGS40001049721	1/4 - 1/2 Mile NNW
B13	USGS40001049732	1/4 - 1/2 Mile North
B14	USGS40001049733	1/4 - 1/2 Mile North
15	USGS40001049726	1/2 - 1 Mile NNW
16	USGS40001049672	1/2 - 1 Mile SE
C17	USGS40001049727	1/2 - 1 Mile NW
18	USGS40001049742	1/2 - 1 Mile North
19	USGS40001049741	1/2 - 1 Mile North
C20	USGS40001049724	1/2 - 1 Mile NW
21	USGS40001049677	1/2 - 1 Mile WSW
22	USGS40001049748	1/2 - 1 Mile North
23	USGS40001049658	1/2 - 1 Mile SE
D24	USGS40001049728	1/2 - 1 Mile NW
25	USGS40001049705	1/2 - 1 Mile East
26	USGS40001049673	1/2 - 1 Mile ESE
D27	USGS40001049729	1/2 - 1 Mile NW
E28	USGS40001049740	1/2 - 1 Mile NW
29	USGS40001049725	1/2 - 1 Mile NW
E30	USGS40001049743	1/2 - 1 Mile NW
31	USGS40001049688	1/2 - 1 Mile ESE
33	USGS40001049753	1/2 - 1 Mile NNE
34	USGS40001049669	1/2 - 1 Mile ESE
35	USGS40001049657	1/2 - 1 Mile SE
36	USGS40001049756	1/2 - 1 Mile North
37	USGS40001049723	1/2 - 1 Mile WNW
38	USGS40001049674	1/2 - 1 Mile WSW
39	USGS40001049704	1/2 - 1 Mile West
40	USGS40001049690	1/2 - 1 Mile East
41	USGS40001049758	1/2 - 1 Mile North
42	USGS40001049718	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
43	USGS40001049668	1/2 - 1 Mile ESE
44	USGS40001049763	1/2 - 1 Mile North
45	USGS40001049650	1/2 - 1 Mile SE
46	USGS40001049769	1/2 - 1 Mile NNE
47	USGS40001049772	1/2 - 1 Mile North
48	USGS40001049735	1/2 - 1 Mile ENE
49	USGS40001049711	1/2 - 1 Mile West
50	USGS40001049670	1/2 - 1 Mile WSW
51	USGS40001049685	1/2 - 1 Mile WSW
52	USGS40001049691	1/2 - 1 Mile West
53	USGS40001049678	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

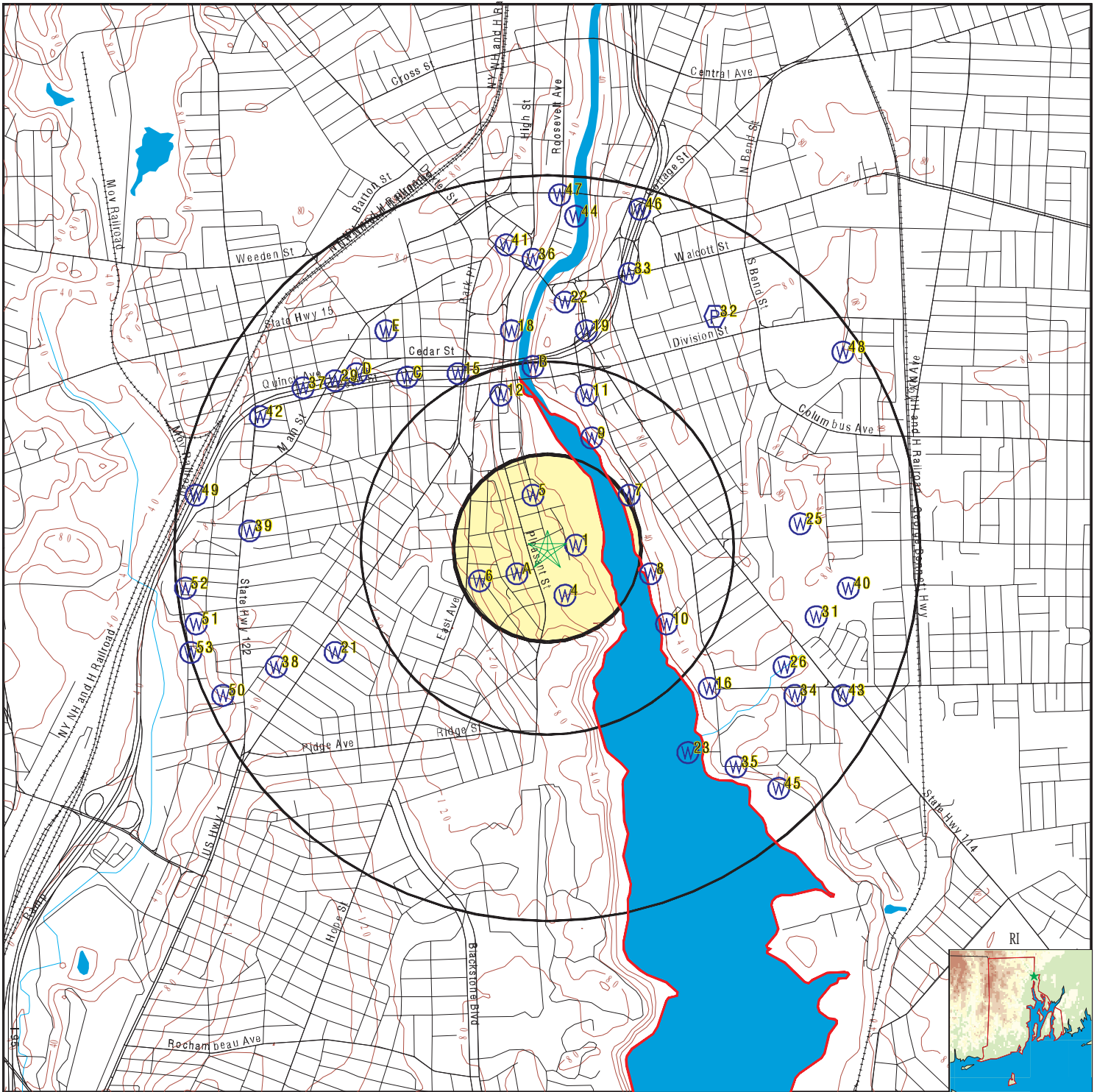
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
32	RI2788030	1/2 - 1 Mile NE

Note: PWS System location is not always the same as well location.

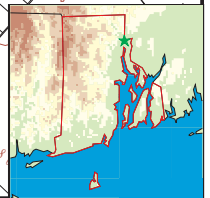
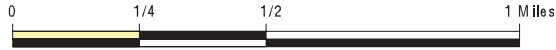
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3965720.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- EPA Designated Sole Src. Aq.



SITE NAME: Francis J. Variere Elementary
 ADDRESS: 486 Pleasant Street
 Pawtucket RI 02860
 LAT/LONG: 41.8661 / 71.3832

CLIENT: EA Engineering Science & Tech.
 CONTACT: Mary Russo
 INQUIRY #: 3965720.2s
 DATE: June 06, 2014 3:51 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
East
0 - 1/8 Mile
Lower

FED USGS USGS40001049701

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415158071225601		
Monloc name:	RI-PAX 190		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8662111
Longitude:	-71.3817222	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	36.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	29
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
SW
0 - 1/8 Mile
Higher

FED USGS USGS40001049696

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415154071230501		
Monloc name:	RI-PAX 297		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8651
Longitude:	-71.3842223	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	46.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	41
Construction date:	1953	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-11-01	20.00	

A3
WSW
1/8 - 1/4 Mile
Higher

FED USGS USGS40001049697

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415154071230901		
Monloc name:	RI-PAX 299		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8651
Longitude:	-71.3853335	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	70.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1953	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-10-01	22.00	

4
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS40001049689

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415151071225801		
Monloc name:	RI-PAW 441		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8642667
Longitude:	-71.3822778	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1957	Welldepth:	76
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

5
NNW
1/8 - 1/4 Mile
Lower

FED USGS USGS40001049710

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415205071230401		
Monloc name:	RI-PAX 192		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8681555
Longitude:	-71.3839446	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	32.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	25
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
WSW
1/8 - 1/4 Mile
Higher

FED USGS USGS40001049694

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415153071231401		
Monloc name:	RI-PAX 300		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8648222
Longitude:	-71.3867224	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	92.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1953	Welldepth:	88
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-11-01	24.00	

7

ENE

1/4 - 1/2 Mile

Lower

FED USGS

USGS40001049709

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415205071224601		
Monloc name:	RI-PAX 331		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8681555
Longitude:	-71.3789444	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1949	Welldepth:	15
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

8

ESE

1/4 - 1/2 Mile

Lower

FED USGS

USGS40001049695

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415154071224201		
Monloc name:	RI-PAX 324		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8651
Longitude:	-71.3778332	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1949	Welldepth:	11
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

9

NNE
1/4 - 1/2 Mile
Lower

FED USGS

USGS40001049716

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415213071225301		
Monloc name:	RI-PAX 334		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8703777
Longitude:	-71.3808889	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1949	Welldepth:	15
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

10
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS40001049684

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415147071223901		
Monloc name:	RI-PAX 319		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8631556
Longitude:	-71.3769998	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	32.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1949	Welldepth:	37
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS40001049720

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415219071225401		
Monloc name:	RI-PAX 337		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8720444
Longitude:	-71.3811667	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	28
Construction date:	1949	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1949-01-01	6.00	

12
NNW
1/4 - 1/2 Mile
Higher

FED USGS USGS40001049721

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415219071231001		
Monloc name:	RI-PAX 197		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8720443
Longitude:	-71.3856113	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	52.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	41
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B13
North
1/4 - 1/2 Mile
Higher

FED USGS USGS40001049732

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415223071230301		
Monloc name:	RI-PAB 229		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8731555
Longitude:	-71.3836668	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	31.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	36
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B14
North
1/4 - 1/2 Mile
Lower

FED USGS USGS40001049733

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415223071230501		
Monloc name:	RI-PAB 234		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8731555
Longitude:	-71.3842224	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	9.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	26
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

15
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40001049726

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415222071231801		
Monloc name:	RI-PAB 245		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8728777
Longitude:	-71.3878337	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	44
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**16
SE
1/2 - 1 Mile
Lower**

FED USGS USGS40001049672

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415138071223101		
Monloc name:	RI-PAX 317		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8606556
Longitude:	-71.3747774	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	39.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1949	Welldepth:	37
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1949-01-01	33.00	

**C17
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001049727

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415222071232601		
Monloc name:	RI-PAB 249		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8728777
Longitude:	-71.390056	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	93.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	27
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

18
North
1/2 - 1 Mile
Lower

FED USGS USGS40001049742

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415228071230801		
Monloc name:	RI-PAX 200		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8745443
Longitude:	-71.3850558	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

19
North
1/2 - 1 Mile
Higher

FED USGS USGS40001049741

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415228071225401		
Monloc name:	RI-PAB 215		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8745443
Longitude:	-71.3811667	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	35
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1952-01-01	27.00	

C20
NW
1/2 - 1 Mile
Higher

FED USGS USGS40001049724

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415221071232901		
Monloc name:	RI-PAB 256		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8725999
Longitude:	-71.3908894	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	99.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	35
Construction date:	1952	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

21
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001049677

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415143071234101		
Monloc name:	RI-PAX 305		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8620444
Longitude:	-71.3942227	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	90.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1953	Welldepth:	83
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-11-01	11.00	

22
North
1/2 - 1 Mile
Higher

FED USGS USGS40001049748

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415232071225801		
Monloc name:	RI-PAW 83		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8756554
Longitude:	-71.3822779	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1930	Welldepth:	52
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1945-07-01	18.00	

D23
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001049658

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415129071223501		
Monloc name:	RI-PAW 630		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8581556
Longitude:	-71.3758886	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1966	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1966-07-01	11.00	

D24
NW
1/2 - 1 Mile
Higher

FED USGS USGS40001049728

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415222071233501		
Monloc name:	RI-PAR 572		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8728776
Longitude:	-71.3925561	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	102.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1961	Welldepth:	19
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1961-02-01	9.00	

**25
East
1/2 - 1 Mile
Higher**

FED USGS USGS40001049705

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415201071221401		
Monloc name:	RI-PAW 14		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8670445
Longitude:	-71.370055	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	70.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	230
Construction date:	1910	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

26
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40001049673

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415141071221701		
Monloc name:	RI-PAW 35		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.861489
Longitude:	-71.3708884	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1916	Welldepth:	203
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1945-04-01	25.00	

D27
NW
1/2 - 1 Mile
Higher

FED USGS USGS40001049729

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415222071233901		
Monloc name:	RI-PAR 609		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8728776
Longitude:	-71.3936673	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	101.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1961	Welldepth:	19
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E28
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001049740

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415227071233201		
Monloc name:	RI-PAW 160		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8742665
Longitude:	-71.3917227	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	95.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1934	Welldepth:	19
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1952-09-01	16.00	

**29
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001049725

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415221071234101		
Monloc name:	RI-PAR 524		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8725999
Longitude:	-71.3942228	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	95.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1961	Welldepth:	20
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1961-03-01	8.00	

**E30
NW
1/2 - 1 Mile
Higher**

FED USGS USGS40001049743

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415229071233101		
Monloc name:	RI-PAW 446		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8748221
Longitude:	-71.391445	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	85.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	93
Construction date:	1957	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-03-01	14.00	

31
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40001049688

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415148071221101		
Monloc name:	RI-PAW 444		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8634334
Longitude:	-71.3692217	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	59.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1957	Welldepth:	98
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-03-01	6.00	

32
NE
1/2 - 1 Mile
Higher

FRDS PWS RI2788030

Pwsid:	RI2788030	Epa region:	01
State:	RI	County:	Providence
Pws name:	MELODY HILL GOLF COURSE		
Population Served:	165	Pwssvconn:	2
PWS Source:	Groundwater		
Pws type:	TNCWS		
Status:	Active	Owner type:	Private
Facility id:	2325		
Facility name:	STORAGE TANK - MAIN		
Facility type:	Storage	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name: MANDEVILLE, MARION
 Original name: MANDEVILLE, MARION
 Contact phone: 401-949-1218
 Contact address2: Not Reported
 Contact city: HARMONY
 Contact zip: 02829
 Contact address1: PO BOX 369, 55 MELODY HILL LN

Facility id: 780
 Facility name: DRILLED WELL #1
 Facility type: Well
 Treatment objective: particulate removal
 Treatment process: filtration, cartridge

Facility id: 1642
 Facility name: DISTRIBUTION SYSTEM
 Facility type: Distribution_system_zone
 Treatment objective: particulate removal
 Treatment process: filtration, cartridge

Facility id: 166
 Facility name: TREATMENT PLANT WELL#1
 Facility type: Treatment_plant
 Treatment objective: particulate removal
 Treatment process: filtration, cartridge

PWS ID: RI2788030
 Date Initiated: 7901
 Date Deactivated: Not Reported
 PWS Name: MELODY HILL COUNTRY CLUB, INC.
 POLE 93 OFF SAW MILL RD
 GLOCESTER, RI 02814

Addressee / Facility: System Owner/Responsible Party
 MRS. MARION MANDEVILLE
 P.O. BOX 369
 HARMONY, RI 02829

Facility Latitude: 41 52 30
 City Served: Not Reported
 Treatment Class: Untreated
 Facility Longitude: 071 22 30
 Population: 00000300

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165
 Void: 1127204
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00
 Enf action: State Compliance Achieved
 Violmeasur: Not Reported
 Pwsid: RI2788030
 Pwstypecod: NC
 Contaminant: COLIFORM (TCR)
 Enfdate: 12/22/2003 0:00:00

Truedate: 03/31/2009
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165
 Void: 1127204
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00
 Enf action: State Public Notif Received
 Violmeasur: Not Reported
 Pwsid: RI2788030
 Pwstypecod: NC
 Contaminant: COLIFORM (TCR)
 Enfdate: 12/12/2003 0:00:00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vooid: 1127204 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00 Enfdate: 11/17/2003 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vooid: 1127204 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00 Enfdate: 11/17/2003 0:00:00
 Enf action: State Tech Assistance Visit
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vooid: 1127204 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00 Enfdate: 11/17/2003 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vooid: 1127204 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00 Enfdate: 11/17/2003 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vooid: 1127204 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00 Enfdate: 11/17/2003 0:00:00
 Enf action: State Boil Water Order
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vooid: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 7/10/2005 0:00:00
 Enf action: State Public Notif Received
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 12/22/2004 0:00:00
 Enf action: State Tech Assistance Visit
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 12/2/2004 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 12/2/2004 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 12/2/2004 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 12/2/2004 0:00:00
 Enf action: State Boil Water Order
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 7/10/2005 0:00:00
 Enf action: State Compliance Achieved
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127305 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2004 0:00:00
 Complperen: 12/31/2004 0:00:00 Enfdate: 12/14/2004 0:00:00
 Enf action: State Tech Assistance Visit
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127405 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 7/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 8/2/2005 0:00:00
 Enf action: State Boil Water Order
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127405 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 7/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 8/2/2005 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127405 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 7/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 8/22/2005 0:00:00
 Enf action: State Compliance Achieved
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127405 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 7/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 8/22/2005 0:00:00
 Enf action: State Public Notif Received
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Void: 1127405 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 7/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 8/2/2005 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127405 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 7/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 8/2/2005 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127505 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 8/1/2005 0:00:00
 Complperen: 8/31/2005 0:00:00 Enfdate: 8/29/2005 0:00:00
 Enf action: State Boil Water Order
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127505 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 8/1/2005 0:00:00
 Complperen: 8/31/2005 0:00:00 Enfdate: 8/29/2005 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127505 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 8/1/2005 0:00:00
 Complperen: 8/31/2005 0:00:00 Enfdate: 8/29/2005 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127505 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 8/1/2005 0:00:00
 Complperen: 8/31/2005 0:00:00 Enfdate: 8/29/2005 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127505 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 8/1/2005 0:00:00
 Complperen: 8/31/2005 0:00:00 Enfdate: 9/26/2005 0:00:00
 Enf action: State Public Notif Received
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127505 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 8/1/2005 0:00:00
 Complperen: 8/31/2005 0:00:00 Enfdate: 9/26/2005 0:00:00
 Enf action: State Compliance Achieved
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127605 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 9/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 9/12/2005 0:00:00
 Enf action: State Boil Water Order
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127605 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 9/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 9/21/2005 0:00:00
 Enf action: State Public Notif Received
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127605 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 9/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 9/12/2005 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127605 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 9/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 9/12/2005 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: RI2788030
 Pwsname: MELODY HILL COUNTRY CLUB, INC.
 Retpopsrvd: 165 Pwstypecod: NC
 Vioid: 1127605 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 9/1/2005 0:00:00
 Complperen: 9/30/2005 0:00:00 Enfdate: 9/12/2005 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	RI2788030
Pwsname:	MELODY HILL COUNTRY CLUB, INC.		
Retpopsrvd:	165	Pwstypecod:	NC
Vioid:	1127605	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	9/1/2005 0:00:00		
Complperen:	9/30/2005 0:00:00	Enfdate:	9/21/2005 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Boil Water Order

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Formal NOV Issued

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Violation/Reminder Notice

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Tech Assistance Visit

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Public Notif Requested

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	12/12/2003 0:00:00	Enf. Action:	State Public Notif Received

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	12/22/2003 0:00:00	Enf. Action:	State Compliance Achieved

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Tech Assistance Visit
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	11/17/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	12/12/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	1127204		
Enforcement Date:	12/22/2003 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/14/2004 0:00:00	Enf. Action:	State Tech Assistance Visit
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/14/2004 0:00:00	Enf. Action:	State Tech Assistance Visit

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	7/10/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/22/2004 0:00:00	Enf. Action:	State Tech Assistance Visit
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Formal NOV Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	7/10/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	7/10/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	7/10/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/2/2004 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1127305		
Enforcement Date:	12/22/2004 0:00:00	Enf. Action:	State Tech Assistance Visit
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/22/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/22/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Boil Water Order

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/22/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/22/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127405		
Enforcement Date:	8/2/2005 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Boil Water Order

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	9/26/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	9/26/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	8/29/2005 0:00:00	Enf. Action:	State Public Notif Requested

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	9/26/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2005 0:00:00 - 8/31/2005 0:00:00		
Violation ID:	1127505		
Enforcement Date:	9/26/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/21/2005 0:00:00	Enf. Action:	State Public Notif Received
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL COUNTRY CLUB, INC.		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/21/2005 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/21/2005 0:00:00	Enf. Action:	State Public Notif Received

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/12/2005 0:00:00	Enf. Action:	State Boil Water Order
System Name:	MELODY HILL GOLF COURSE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2005 0:00:00 - 9/30/2005 0:00:00		
Violation ID:	1127605		
Enforcement Date:	9/21/2005 0:00:00	Enf. Action:	State Compliance Achieved

CONTACT INFORMATION:

Name:	MELODY HILL COUNTRY CLUB, INC.	Population:	165
Contact:	MANDEVILLE, MARION	Phone:	Not Reported
Address:	PO BOX 369		
Address 2:	HARMONY		
	RI, 02 401-9		

**33
NNE
1/2 - 1 Mile
Higher**

FED USGS USGS40001049753

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415236071224601		
Monloc name:	RI-PAB 211		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8767666
Longitude:	-71.3789444	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	89.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1952-01-01	18.00	

34
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40001049669

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415137071221501		
Monloc name:	RI-PAW 34		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8603779
Longitude:	-71.3703328	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1942	Welldepth:	334
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1942-01-01	34.00	

35
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001049657

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415127071222601		
Monloc name:	RI-EPX 278		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8576001
Longitude:	-71.3733884	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	36.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1948	Welldepth:	41
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

36
North
1/2 - 1 Mile
Lower

FED USGS USGS40001049756

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415238071230401		
Monloc name:	RI-PAX 129		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8773221
Longitude:	-71.3839447	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1945	Welldepth:	43
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

37
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40001049723

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415220071234701		
Monloc name:	RI-PAR 522		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8723221
Longitude:	-71.3958896	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	94.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1961	Welldepth:	41
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1961-03-01	20.00	

38
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001049674

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415141071235201		
Monloc name:	RI-PAX 307		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8614888
Longitude:	-71.3972784	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	74.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	64
Construction date:	1953	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-10-01	14.00	

39
West
1/2 - 1 Mile
Higher

FED USGS USGS40001049704

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415200071235701		
Monloc name:	RI-PAW 33		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8667666
Longitude:	-71.3986674	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	90.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1916	Welldepth:	159
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1945-04-01	40.00	

40
East
1/2 - 1 Mile
Higher

FED USGS USGS40001049690

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415152071220501		
Monloc name:	RI-PAW 445		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8645445
Longitude:	-71.3675549	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	59.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1957	Welldepth:	103
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-04-01	15.00	

41
North
1/2 - 1 Mile
Higher

FED USGS USGS40001049758

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415240071230901		
Monloc name:	RI-PAX 629		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8778776
Longitude:	-71.3853336	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1964	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

42
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40001049718

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415216071235501		
Monloc name:	RI-PAR 512		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.871211
Longitude:	-71.3981119	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	91.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1961	Welldepth:	103
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

43
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40001049668

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415137071220601		
Monloc name:	RI-PAW 37		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8603779
Longitude:	-71.3678327	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	75.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	350
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

44
North
1/2 - 1 Mile
Lower

FED USGS USGS40001049763

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415244071225601		
Monloc name:	RI-PAX 98		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8789887
Longitude:	-71.3817224	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.00
Vert measure units:	feet	Vertacc measure val:	1.
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1938	Welldepth:	20
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

45
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001049650

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415124071221801		
Monloc name:	RI-EPX 275		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8567668
Longitude:	-71.3711661	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	12.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	30
Construction date:	1948	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

46
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40001049769

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415245071224401		
Monloc name:	RI-PAB 206		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8792665
Longitude:	-71.3783889	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	88.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	32
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1952-01-01	16.00	

47
North
1/2 - 1 Mile
Higher

FED USGS USGS40001049772

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415247071225901		
Monloc name:	RI-PAW 27		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8798221
Longitude:	-71.3825557	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1936	Welldepth:	595
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1936-01-01	25.00	

48
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40001049735

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415225071220601		
Monloc name:	RI-PAW 449		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8737111
Longitude:	-71.3678328	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	78.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1957	Welldepth:	54
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-03-01	4.00	

49
West
1/2 - 1 Mile
Higher

FED USGS USGS40001049711

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415205071240701		
Monloc name:	RI-PAR 574		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8681554
Longitude:	-71.4014453	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	68.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1961	Welldepth:	52
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1961-03-01	34.00	

50
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001049670

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415137071240201		
Monloc name:	RI-PAX 310		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8603777
Longitude:	-71.4000563	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	50
Construction date:	1953	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-11-01	20.00	

51
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001049685

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415147071240701		
Monloc name:	RI-PAW 3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8631555
Longitude:	-71.4014453	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1909	Welldepth:	240
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

52
West
1/2 - 1 Mile
Higher

FED USGS USGS40001049691

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415152071240901		
Monloc name:	RI-PAW 79		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8645443
Longitude:	-71.4020009	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	82.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1945	Welldepth:	410
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1945-07-01	55.00	

53
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40001049678

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-415143071240801		
Monloc name:	RI-PAX 359		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8620444
Longitude:	-71.401723	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	48.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1954	Welldepth:	69
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1954-07-01	25.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: RI Radon

Radon Test Results

Zipcode	Num Tests	# < 4 pCi/L	4 to 20	# > 20 pCi/L	Maximum
02860	1018	863	152	3	57.7

Federal EPA Radon Zone for PROVIDENCE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 02860

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.917 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Classification Data

Source: Dept. of Administration/Statewide Planning

Telephone: 401-222-6483

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Community and Non-Community Wells

Source: Department of Environmental Management

Telephone: 401-277-2234

Includes Community, Non-Transient Non-Community and Transient Non-Community.

EPA-Approved Sole Source Aquifers in Rhode Island

Source: EPA

Sole source aquifers are defined as an aquifer designated as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for the area and for which there are no reasonable alternative sources should the aquifer become contaminated.

OTHER STATE DATABASE INFORMATION

RADON

State Database: RI Radon

Source: Department of Health

Telephone: 401-222-2438

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix F
Utility Location Report



July 7, 2014

Ron Mack
EA Engineering, Science, and Technology, Inc.
2374 Post Road, Suite 102
Warwick, RI 02886

Project: Geophysical Survey – 486 Pleasant St, Pawtucket, RI

Dear Ron;

The following is a brief letter report detailing the results of the geophysical survey performed at the above referenced site. Site maps and/or pertinent ground penetrating radar (GPR) transects are contained in the report and Appendix A. It would be helpful to review Appendix A and the site maps when reading this report. TPI's standard practice is to indicate the results of the geophysical survey by marking all identified utility lines, tanks, and GPR anomalies etc. with chalk, paint or flags. It should be noted that this report is a means of transferring data and results of data interpretation, which was performed during the time allotted for the fieldwork

Project Scope and Visual Site Inspection

TPI Environmental, Inc. (TPI) was contracted by EA Engineering, Science, and Technology, Inc. (client) to locate private utilities. The site consists of an elementary school located at the above address and as indicated in Figure 1. Upon arrival to the site on June 25, 2014, TPI reviewed the site history with the client and performed a site walk to review evidence of on-site utilities. During the site walk the following areas of interest were noted;

- According to the client, public sanitary sewer mains cross the southern and eastern extents of the property.
- Utilities to be investigated during this survey include private electric, water, sanitary sewer, storm sewer, telecommunication, and gas.

Methodology

Geophysical surveys are typically accomplished by employing the following techniques; GPR, Fisher TW6 electromagnetic metal detection (TW6 EM), a Geonics EM61-MK2 Time – Domain Electromagnetic Detector unit (EM61), radio frequency line locating (RF), and magnetics. The EM61 is a high power, high sensitivity metal detector capable of detecting both ferrous and non-ferrous metal. The TW6 EM unit sounds an audible alarm in the presence of a large mass of metal such as an UST. A description and discussion of these geophysical methods as well as TPI's standard procedures for performing geophysical surveys is found in Appendix A. In general, "blind surveys" are typically performed by initially scanning the site with a TW6 EM unit and/or an EM61 unit and noting areas of relatively high EM response. Locations with a high EM response are further investigated with GPR. Known utilities are typically traced with the RF

unit, GPR, and the TW6 EM unit depending on the size, matrix and conductive properties of the line. EM units are typically not effective and practical in areas underlain with reinforced concrete and/or the presence of ubiquitous metallic objects.

Geophysical Survey Results

The geophysical survey at this site was accomplished with the RF and GPR units. Known utilities were traced with RF and confirmed with GPR. Results of the geophysical survey were marked on the ground with paint and a map of the survey results is contained in this report. Results of the geophysical survey are as follows;

- Private electric, water, storm sewer, telecommunication, sanitary sewer, and gas utilities were located and marked in addition to a linear, pipe-style anomaly.
- Due to the significant depth of the public sewer mains (~18' below ground surface) the location of the mains was determined solely by the visual inspection of manholes.

TPI completes non-intrusive geophysical surveys using equipment and techniques representing best available technology. TPI does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen and varying site-specific conditions such as metal-reinforced concrete. In practical terms, TPI serves to reduce the risk of encountering subsurface utilities during excavation operations or greatly increase the chance of locating man made subsurface objects depending on the goal of the project. The results of this investigation should only be used as a tool and should not be considered a guarantee regarding the presence or absence of USTs or piping.

If you should require additional information or have any questions, please do not hesitate to contact me at the above phone number or email me at mrobbins@tpienv.com.

Sincerely,



Frank Fendler, M.S, P.G.
President



Michael Robbins, M.S.
Geologist/Boston Branch Manager



LEGEND

- Linear anomaly (likely utility)
- Communication
- Storm sewer
- Sanitary sewer
- Electric
- Gas
- Water
- ▮ Electric interference
- - -> GPR transect

*Dashes indicate inferred location



Scale
NTS

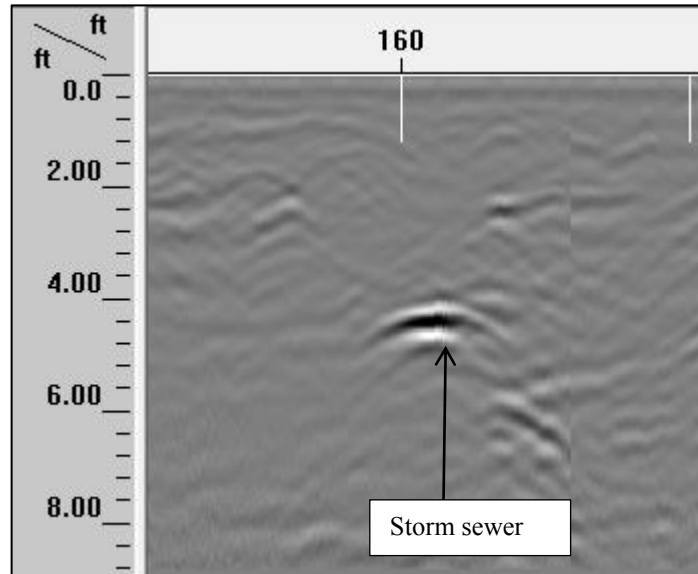
Francis J. Varieur School, Pawtucket, RI
Client: EA Date: 6/25/14

Figure 1
Geophysical Survey Results

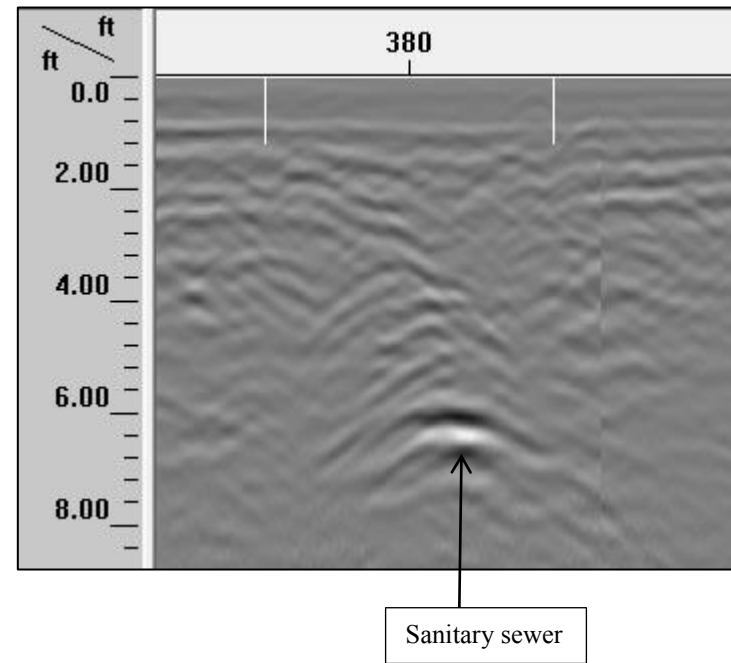
Appendix A

GPR Transects and Survey Methods

GPR Transect 256
See Figure 1 for Location



GPR Transect 260
See Figure 1 for Location



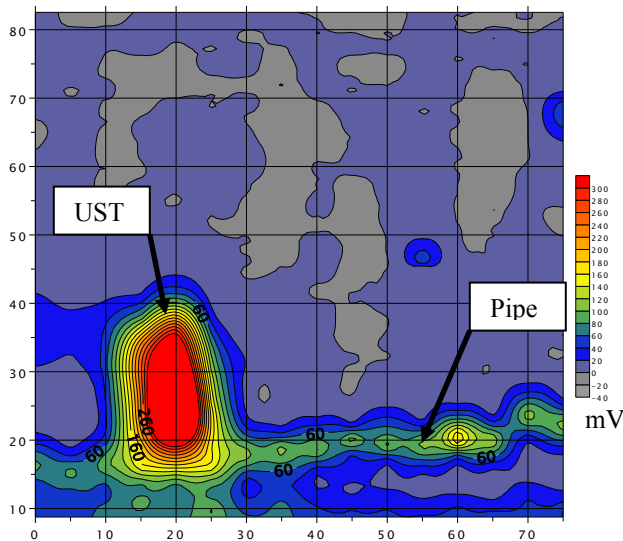
Attachment A

TPI's Geophysical Survey Equipment & Methods

Geonics EM61-MK2

The EM61 is a high resolution time-domain metal detector which is used to detect ferrous and non-ferrous metallic objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field, which induces eddy currents in nearby metallic objects. The decay of these currents is measured by two receiver coils mounted on the coil assembly. The responses are recorded and displayed by an integrated computer based digital data logger with real time numeric and graphic display. Two ports on the logger allows simultaneous collection of EM and GPS data. For further processing and interpretation data can be transferred to a laptop computer in the field and a color contoured map of the EM61 response is prepared (see below).

EM61 Color Contoured Map



The EM61-MK2 detects a single 55 gallon drum at a depth of over 10-feet beneath the instrument, yet it is relatively insensitive to interference from nearby surface metal such as fences, buildings, cars, etc. By making the measurement at a relatively long time after termination of the primary pulse, the response is practically independent of the electrical conductivity of the ground.

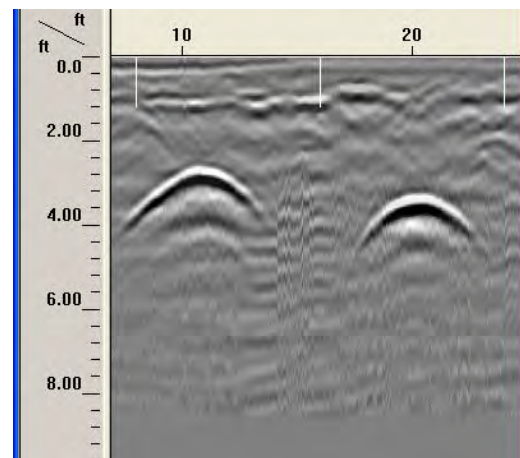
Due to its unique coil arrangements, the response curve is a single well defined positive peak

greatly facilitating quick and accurate location of the target, the depth of which can usually be estimated from the width of the response and/or from relative response from each of the two receiver coils.

GPR

This method is one of the most powerful and cost effective methods of locating man made objects and stratigraphic layers in the subsurface. It is an active method that transmits electromagnetic pulses into the ground, the radar pulses are reflected from materials or layers of differing dielectric and electrical conductive properties. The GPR computer measures the elapsed time in billionths of a second (nanoseconds) from when the pulses are sent and when they are received back at the surface that can then be converted to depth. Results of the radar scan are displayed as a continuous cross-section of the subsurface on the computer screen in real time. Metallic materials such as tanks, pipes, conduits, rebar etc. have vastly different dielectric properties than soils so these reflections are striking and relatively easy to identify. Pipes and tanks constructed of PVC, concrete, and terracotta also produce distinct reflections, however, these reflections are typically not as striking as metallic materials. A typical radar image of two metallic underground storage tanks is found below.

GPR Image of Two Metallic USTs



GPR surveys are conducted with the most advanced GPR equipment currently available

Attachment A TPI's Geophysical Survey Equipment & Methods

including a Geophysical Survey Systems (GSSI) SIR-3000 subsurface radar unit with a 400 MHz antenna. The 400 MHz antenna has a depth range of approximately 20-feet and other antennas may be employed with the system depending on specific site conditions and objectives of the survey. The GPR transect data may be saved on the internal hard drive and transferred to a PC for storage, printing, and post processing. GSSI is the world leader in the development of GPR systems and was the first company to commercialize GPR in 1970. GPR hardware and software has improved dramatically over the last several years allowing for relatively rapid and economical GPR surveys. With 3-dimensional capabilities, the latest GPR software takes data processing a step farther than the former 2-dimensional viewing method. Three-dimensional visualization helps you to see the whole picture, giving you a powerful tool to interpret complex utility layouts and identify subtle linear features that may have otherwise been missed.

GPR surveys are typically conducted by searching for GPR hyperbolas indicative of subsurface pipes or tanks signatures in the vicinity of known entities. These signatures are marked on the ground and areas progressively further from the known entity are scanned and marked. This process is continued until the GPR operator performed enough scans to determine and mark the subsurface pipe, tank or anomaly. During this process the GPR data is typically not saved due to the immense size of the data files. After this phase of the GPR survey is completed, representative GPR transects or grids are performed and saved for the report and post processing. Some of the factors that may negatively affect GPR results include clay soils, rebar in concrete, high moisture content, depth of the target, and the integrity, size, and material of the target.

TW-6 EM Unit

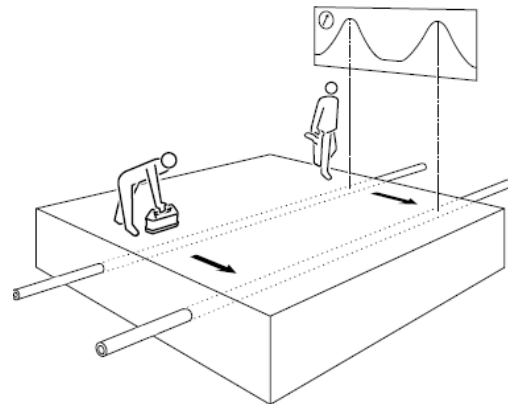
TPI routinely employs a Fisher TW-6 electromagnetic metal detector when performing GPR surveys. The TW-6 creates an electromagnetic field with a transmitting coil and measures the strength of that field with a receiving coil. As the TW-6 passes over electrically conductive materials such as metal tanks or drums the field is distorted and the instrument produces an audible alarm based on

the degree of the distortion. The TW-6 can detect conductive materials the size of drums or small tanks to depths of 10-feet. The instrument is actually a relatively poor metal detector which makes it ideal for locating large conductive materials such as metal drums, medium to large metal pipes, reinforced concrete pipes, and metal tanks. A more sensitive metal detector would produce "false positives" on small pieces of metal that are typically found in fill and throughout developed sites. If the survey area is underlain by reinforced concrete or cars and other large surficial metallic features are within 10-feet, the TW-6 will not be useful.

Line Locating

Line locating is performed with a Radiodetection RD400 PXL-2 line locator with a 433 HCTX-2 transmitter. The transmitter emits a specific radio or electromagnetic signal which is indirectly induced or directly conducted onto the metallic line. The transmitter is capable of producing frequencies of 512 Hz, 8 kHz, or 33 kHz and the receiver is configured for the specific transmitted frequency. The induced signal is coupled with the line by either using an induction clamp which surrounds an exposed line or placing the transmitter above a buried line and transmitting the signal to it. The receiver may also be used in a passive locate mode (power) to identify the presence of current carrying lines. Nonmetallic lines may also be located by snaking a sonde down accessible lines with push rods. A sonde is a small transmitter that emits a specific electromagnetic frequency which can be detected by the receiver at depths of 12 to 16-feet.

Inductive Sweep With Transmitter/Receiver



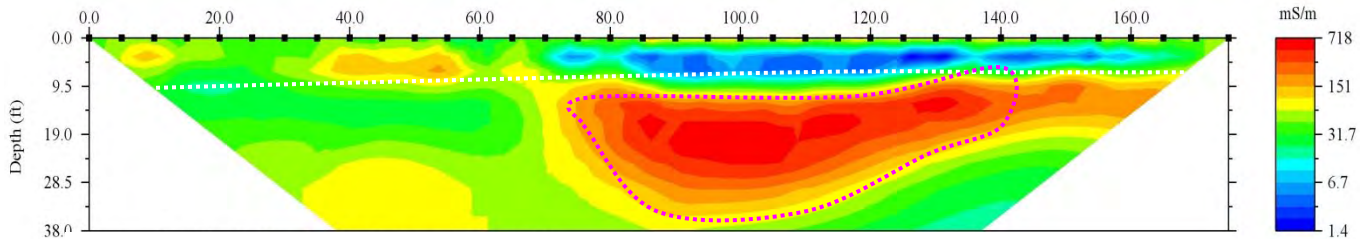
Attachment A TPI's Geophysical Survey Equipment & Methods

Resistivity

TPI conducts subsurface resistivity surveys using the AGI SuperSting R8 IP Earth Resistivity and IP Meter. The SuperSting unit measures the voltage drop of an induced electrical current across numerous electrodes as it travels through the electrically heterogeneous subsurface. Multiple survey profiles are completed in this manner based upon the specific conditions of the field area in order to assemble a complete characterization of the ground resistivity properties. The resistivity data is then processed and examined for evidence of significant subsurface features including bedrock surfaces, perched groundwater tables, cavities/sinkholes, or potential contaminant plumes.



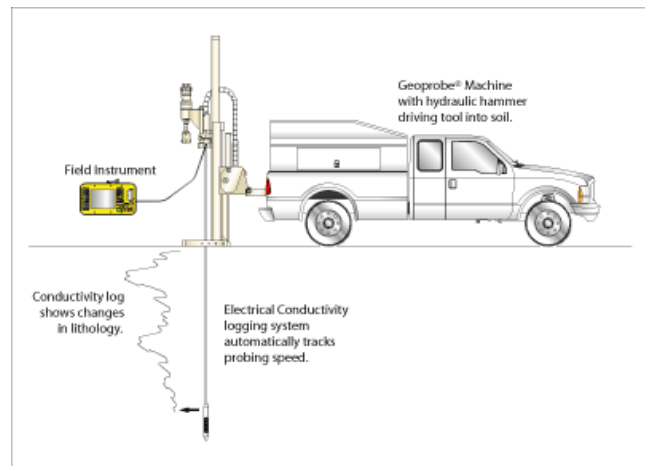
AGI SuperSting R8 IP Earth Resistivity and IP Meter assembly.



Resistivity pseudosection across a backfilled canal. Approximately 10' of high resistivity/low conductivity surficial fill (blue) over low resistivity/high conductivity canal backfill (orange-red).

Down-hole Conductivity

TPI is also able to collect down-hole soil conductivity data with an electric conductivity probe. The EC probe is driven into the subsurface by a direct push unit. A current is induced in the native soil between two contacts at opposite ends of the probe. The soil conductivity is then calculated based upon the ratio of induced current to resultant voltage across the probe. Down-hole EC profiling is particularly useful in the efficient determination of soil grain size (permeable sands vs impermeable clays), water content, and metal content.



Electrical conductivity probe

Appendix G

Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L1417006
Client:	EA Engineering, Science and Technology 2374 Post Road Suite 102 Warwick, RI 02886
ATTN:	Ron Mack
Phone:	(401) 736-3440
Project Name:	VARIEUR ELEMENTARY
Project Number:	14993.04
Report Date:	08/06/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1417006-01	DAILY COMPOSITE 1	AIR	PAWTUCKET, RI	07/23/14 16:12	07/30/14
L1417006-02	DAILY COMPOSITE 2	AIR	PAWTUCKET, RI	07/24/14 15:43	07/30/14
L1417006-03	SVP-1S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 10:12	07/30/14
L1417006-04	SVP-2S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 10:38	07/30/14
L1417006-05	SVP-3S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 11:23	07/30/14
L1417006-06	SVP-4S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 11:53	07/30/14
L1417006-07	SVP-5S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 12:32	07/30/14
L1417006-08	SVP-6S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 13:33	07/30/14
L1417006-09	SVP-7S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 13:58	07/30/14
L1417006-10	SVP-9S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 14:41	07/30/14
L1417006-11	SVP-8S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 15:16	07/30/14
L1417006-12	SVP-10S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 15:46	07/30/14
L1417006-13	SVP-12S	SOIL_VAPOR	PAWTUCKET, RI	07/25/14 16:11	07/30/14
L1417006-14	SVP-11S	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 09:05	07/30/14
L1417006-15	SVP-13S	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 09:32	07/30/14
L1417006-16	SVP-14S	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 10:01	07/30/14
L1417006-17	SVP-17S	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 10:25	07/30/14
L1417006-18	SVP-16S	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 10:54	07/30/14
L1417006-19	SVP-15D	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 11:34	07/30/14
L1417006-20	SVP-18S	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 12:01	07/30/14
L1417006-21	SVP-5D	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 14:04	07/30/14
L1417006-22	SVP-9D	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 14:39	07/30/14
L1417006-23	DUPLICATE	SOIL_VAPOR	PAWTUCKET, RI	07/29/14 00:00	07/30/14

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 21, 2014. The canister certification results are provided as an addendum.

Samples L1417006-03, -07, -08 and -09 were diluted and re-analyzed to quantify the samples within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compounds that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

Samples L1417006--03, -07, -08, -09, -10, -12 and -13 have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Samples L1417006-17, -18, -20 and WG711386-5 Laboratory Duplicate were diluted and re-analyzed to quantify the samples within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

Samples L1417006-17, -18, -20, and -21 have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

The WG711111-3 LCS recovery for Hexachlorobutadiene (132%) is above the upper 130% acceptance limit. The response for this compound was elevated however it was not detected in any of the associated samples therefore no further action was taken.

Laboratory Duplicate WG711111-5: The relative percent difference for Dichlorodifluoromethane (29%) is above the RPD limit of 25%. This compound represented less than 10% of the compounds detected, therefore no further action was taken.

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Case Narrative (continued)

Sample Receipt

The sample designated SVP-8S (L1417006-11) was received with the valve open. The client was contacted and the analysis of the sample was cancelled.

The sample designated SVP-6S (L1417006-08) had a RPD for the pre- and post-flow controller calibration check (38% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 67 mL/minute; the final flow rate was 98 mL/minute. The final pressure recorded by the laboratory of the associated canister was -2.0 inches of mercury.

The sample designated SVP-17S (L1417006-17) had a RPD for the pre- and post-flow controller calibration check (21% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 71 mL/minute; the final flow rate was 88 mL/minute. The final pressure recorded by the laboratory of the associated canister was -2.9 inches of mercury.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 08/06/14

AIR

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-01
 Client ID: DAILY COMPOSITE 1
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 18:27
 Analyst: MB

Date Collected: 07/23/14 16:12
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.159	0.050	--	0.786	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.030	0.020	--	0.066	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	0.214	0.050	--	1.20	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	1.05	1.00	--	3.65	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.064	0.050	--	0.491	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.023	0.020	--	0.112	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.147	0.100	--	0.470	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	0.030	0.020	--	0.161	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-01

Date Collected: 07/23/14 16:12

Client ID: DAILY COMPOSITE 1

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.52	0.050	--	5.73	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.028	0.020	--	0.190	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.069	0.020	--	0.300	0.087	--		1
p/m-Xylene	0.192	0.040	--	0.834	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.075	0.020	--	0.326	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.040	0.020	--	0.197	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	107		60-140
bromochloromethane	130		60-140
chlorobenzene-d5	116		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-02
 Client ID: DAILY COMPOSITE 2
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 19:03
 Analyst: MB

Date Collected: 07/24/14 15:43
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.247	0.050	--	1.22	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.039	0.020	--	0.086	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	0.215	0.050	--	1.21	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.066	0.050	--	0.506	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.020	0.020	--	0.098	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.139	0.100	--	0.444	0.319	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-02
 Client ID: DAILY COMPOSITE 2
 Sample Location: PAWTUCKET, RI

Date Collected: 07/24/14 15:43
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.57	0.050	--	5.92	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.131	0.020	--	0.569	0.087	--		1
p/m-Xylene	0.469	0.040	--	2.04	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.178	0.020	--	0.773	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.043	0.020	--	0.211	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	121		60-140
chlorobenzene-d5	111		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-03 D
 Client ID: SVP-1S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 19:36
 Analyst: MB

Date Collected: 07/25/14 10:12
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.585	0.250	--	2.89	1.24	--		5
Chloromethane	ND	2.50	--	ND	5.16	--		5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.250	--	ND	1.75	--		5
Vinyl chloride	ND	0.100	--	ND	0.256	--		5
1,3-Butadiene	0.185	0.100	--	0.409	0.221	--		5
Bromomethane	ND	0.100	--	ND	0.388	--		5
Chloroethane	ND	0.100	--	ND	0.264	--		5
Trichlorofluoromethane	398	0.250	--	2240	1.40	--	E	5
1,1-Dichloroethene	ND	0.100	--	ND	0.396	--		5
Methylene chloride	ND	5.00	--	ND	17.4	--		5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.250	--	ND	1.92	--		5
trans-1,2-Dichloroethene	ND	0.100	--	ND	0.396	--		5
1,1-Dichloroethane	ND	0.100	--	ND	0.405	--		5
Methyl tert butyl ether	ND	0.100	--	ND	0.361	--		5
cis-1,2-Dichloroethene	ND	0.100	--	ND	0.396	--		5
Chloroform	0.255	0.100	--	1.25	0.488	--		5
1,2-Dichloroethane	ND	0.100	--	ND	0.405	--		5
1,1,1-Trichloroethane	ND	0.100	--	ND	0.546	--		5
Benzene	ND	0.500	--	ND	1.60	--		5
Carbon tetrachloride	ND	0.100	--	ND	0.629	--		5
1,2-Dichloropropane	ND	0.100	--	ND	0.462	--		5
Bromodichloromethane	ND	0.100	--	ND	0.670	--		5
Trichloroethene	ND	0.100	--	ND	0.537	--		5
cis-1,3-Dichloropropene	ND	0.100	--	ND	0.454	--		5



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-03 D
 Client ID: SVP-1S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 10:12
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.100	--	ND	0.454	--		5
1,1,2-Trichloroethane	ND	0.100	--	ND	0.546	--		5
Toluene	2.34	0.250	--	8.82	0.942	--		5
Dibromochloromethane	ND	0.100	--	ND	0.852	--		5
1,2-Dibromoethane	ND	0.100	--	ND	0.769	--		5
Tetrachloroethene	0.405	0.100	--	2.75	0.678	--		5
1,1,1,2-Tetrachloroethane	ND	0.100	--	ND	0.687	--		5
Chlorobenzene	ND	0.100	--	ND	0.461	--		5
Ethylbenzene	0.650	0.100	--	2.82	0.434	--		5
p/m-Xylene	2.05	0.200	--	8.90	0.869	--		5
Bromoform	ND	0.100	--	ND	1.03	--		5
Styrene	0.175	0.100	--	0.745	0.426	--		5
1,1,2,2-Tetrachloroethane	ND	0.100	--	ND	0.687	--		5
o-Xylene	0.965	0.100	--	4.19	0.434	--		5
4-Ethyltoluene	0.190	0.100	--	0.934	0.492	--		5
1,3,5-Trimethylbenzene	0.185	0.100	--	0.909	0.492	--		5
1,2,4-Trimethylbenzene	0.745	0.100	--	3.66	0.492	--		5
1,3-Dichlorobenzene	1.20	0.100	--	7.21	0.601	--		5
1,4-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
1,2-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
1,2,4-Trichlorobenzene	ND	0.250	--	ND	1.86	--		5
Hexachlorobutadiene	ND	0.250	--	ND	2.67	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	121		60-140
chlorobenzene-d5	112		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-03 D2
Client ID: SVP-1S
Sample Location: PAWTUCKET, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/05/14 04:24
Analyst: MB

Date Collected: 07/25/14 10:12
Date Received: 07/30/14
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	459	0.500	--	2580	2.81	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	97		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-04
 Client ID: SVP-2S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 20:12
 Analyst: MB

Date Collected: 07/25/14 10:38
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.131	0.050	--	0.648	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.064	0.020	--	0.164	0.051	--		1
1,3-Butadiene	0.670	0.020	--	1.48	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.052	0.020	--	0.137	0.053	--		1
Trichlorofluoromethane	26.3	0.050	--	148	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.085	0.050	--	0.651	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.098	0.020	--	0.479	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	0.028	0.020	--	0.153	0.109	--		1
Benzene	3.32	0.100	--	10.6	0.319	--		1
Carbon tetrachloride	0.049	0.020	--	0.308	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	0.032	0.020	--	0.172	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-04
 Client ID: SVP-2S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 10:38
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	43.9	0.050	--	165	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	1.81	0.020	--	12.3	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	4.06	0.020	--	17.6	0.087	--		1
p/m-Xylene	14.2	0.040	--	61.7	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.243	0.020	--	1.03	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	5.16	0.020	--	22.4	0.087	--		1
4-Ethyltoluene	0.185	0.020	--	0.909	0.098	--		1
1,3,5-Trimethylbenzene	0.160	0.020	--	0.787	0.098	--		1
1,2,4-Trimethylbenzene	0.472	0.020	--	2.32	0.098	--		1
1,3-Dichlorobenzene	0.228	0.020	--	1.37	0.120	--		1
1,4-Dichlorobenzene	0.023	0.020	--	0.138	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	110		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-05
 Client ID: SVP-3S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 20:47
 Analyst: MB

Date Collected: 07/25/14 11:23
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.102	0.050	--	0.504	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.032	0.020	--	0.082	0.051	--		1
1,3-Butadiene	0.167	0.020	--	0.369	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.083	0.020	--	0.219	0.053	--		1
Trichlorofluoromethane	13.4	0.050	--	75.3	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.086	0.050	--	0.659	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	0.202	0.020	--	0.728	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.351	0.020	--	1.71	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	1.59	0.100	--	5.08	0.319	--		1
Carbon tetrachloride	0.043	0.020	--	0.270	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-05
 Client ID: SVP-3S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 11:23
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	8.57	0.050	--	32.3	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.596	0.020	--	4.04	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	4.03	0.020	--	17.5	0.087	--		1
p/m-Xylene	13.2	0.040	--	57.3	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.179	0.020	--	0.762	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	6.11	0.020	--	26.5	0.087	--		1
4-Ethyltoluene	0.169	0.020	--	0.831	0.098	--		1
1,3,5-Trimethylbenzene	0.167	0.020	--	0.821	0.098	--		1
1,2,4-Trimethylbenzene	0.505	0.020	--	2.48	0.098	--		1
1,3-Dichlorobenzene	0.981	0.020	--	5.90	0.120	--		1
1,4-Dichlorobenzene	0.021	0.020	--	0.126	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	120		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-06
Client ID: SVP-4S
Sample Location: PAWTUCKET, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/04/14 21:23
Analyst: MB

Date Collected: 07/25/14 11:53
Date Received: 07/30/14
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.155	0.050	--	0.766	0.247	--		1
Chloromethane	0.753	0.500	--	1.55	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.032	0.020	--	0.082	0.051	--		1
1,3-Butadiene	1.15	0.020	--	2.54	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.051	0.020	--	0.135	0.053	--		1
Trichlorofluoromethane	7.49	0.050	--	42.1	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.106	0.050	--	0.812	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.176	0.020	--	0.859	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	0.049	0.020	--	0.267	0.109	--		1
Benzene	4.07	0.100	--	13.0	0.319	--		1
Carbon tetrachloride	0.065	0.020	--	0.409	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-06
 Client ID: SVP-4S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 11:53
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	12.0	0.050	--	45.2	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.889	0.020	--	6.03	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	45.8	0.020	--	199	0.087	--		1
p/m-Xylene	17.2	0.040	--	74.7	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.382	0.020	--	1.63	0.085	--		1
1,1,2,2-Tetrachloroethane	0.080	0.020	--	0.549	0.137	--		1
o-Xylene	6.21	0.020	--	27.0	0.087	--		1
4-Ethyltoluene	0.759	0.020	--	3.73	0.098	--		1
1,3,5-Trimethylbenzene	0.209	0.020	--	1.03	0.098	--		1
1,2,4-Trimethylbenzene	0.630	0.020	--	3.10	0.098	--		1
1,3-Dichlorobenzene	2.45	0.020	--	14.7	0.120	--		1
1,4-Dichlorobenzene	0.030	0.020	--	0.180	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	108		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-07 D
 Client ID: SVP-5S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 22:33
 Analyst: MB

Date Collected: 07/25/14 12:32
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.232	0.100	--	1.15	0.494	--		2
Chloromethane	ND	1.00	--	ND	2.07	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.100	--	ND	0.699	--		2
Vinyl chloride	ND	0.040	--	ND	0.102	--		2
1,3-Butadiene	ND	0.040	--	ND	0.089	--		2
Bromomethane	ND	0.040	--	ND	0.155	--		2
Chloroethane	0.054	0.040	--	0.142	0.106	--		2
Trichlorofluoromethane	0.518	0.100	--	2.91	0.562	--		2
1,1-Dichloroethene	ND	0.040	--	ND	0.159	--		2
Methylene chloride	ND	2.00	--	ND	6.95	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.144	0.100	--	1.10	0.766	--		2
trans-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,1-Dichloroethane	ND	0.040	--	ND	0.162	--		2
Methyl tert butyl ether	ND	0.040	--	ND	0.144	--		2
cis-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
Chloroform	0.366	0.040	--	1.79	0.195	--		2
1,2-Dichloroethane	ND	0.040	--	ND	0.162	--		2
1,1,1-Trichloroethane	0.920	0.040	--	5.02	0.218	--		2
Benzene	0.562	0.200	--	1.80	0.639	--		2
Carbon tetrachloride	0.106	0.040	--	0.667	0.252	--		2
1,2-Dichloropropane	ND	0.040	--	ND	0.185	--		2
Bromodichloromethane	ND	0.040	--	ND	0.268	--		2
Trichloroethene	25.6	0.040	--	138	0.215	--		2
cis-1,3-Dichloropropene	ND	0.040	--	ND	0.182	--		2



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-07 D
 Client ID: SVP-5S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 12:32
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.040	--	ND	0.182	--		2
1,1,2-Trichloroethane	ND	0.040	--	ND	0.218	--		2
Toluene	3.58	0.100	--	13.5	0.377	--		2
Dibromochloromethane	ND	0.040	--	ND	0.341	--		2
1,2-Dibromoethane	ND	0.040	--	ND	0.307	--		2
Tetrachloroethene	129	0.040	--	875	0.271	--	E	2
1,1,1,2-Tetrachloroethane	ND	0.040	--	ND	0.275	--		2
Chlorobenzene	ND	0.040	--	ND	0.184	--		2
Ethylbenzene	2.60	0.040	--	11.3	0.174	--		2
p/m-Xylene	7.15	0.080	--	31.1	0.347	--		2
Bromoform	ND	0.040	--	ND	0.414	--		2
Styrene	0.260	0.040	--	1.11	0.170	--		2
1,1,2,2-Tetrachloroethane	ND	0.040	--	ND	0.275	--		2
o-Xylene	3.33	0.040	--	14.5	0.174	--		2
4-Ethyltoluene	0.794	0.040	--	3.90	0.197	--		2
1,3,5-Trimethylbenzene	0.658	0.040	--	3.23	0.197	--		2
1,2,4-Trimethylbenzene	2.27	0.040	--	11.2	0.197	--		2
1,3-Dichlorobenzene	3.77	0.040	--	22.7	0.240	--		2
1,4-Dichlorobenzene	0.048	0.040	--	0.289	0.240	--		2
1,2-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2
1,2,4-Trichlorobenzene	ND	0.100	--	ND	0.742	--		2
Hexachlorobutadiene	ND	0.100	--	ND	1.07	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-07 D2

Date Collected: 07/25/14 12:32

Client ID: SVP-5S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/05/14 04:59

Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Tetrachloroethene	136	0.100	--	922	0.678	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	92		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-08 D
 Client ID: SVP-6S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 23:06
 Analyst: MB

Date Collected: 07/25/14 13:33
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.640	0.500	--	3.16	2.47	--		10
Chloromethane	ND	5.00	--	ND	10.3	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,3-Butadiene	ND	0.200	--	ND	0.442	--		10
Bromomethane	ND	0.200	--	ND	0.777	--		10
Chloroethane	ND	0.200	--	ND	0.528	--		10
Trichlorofluoromethane	680	0.500	--	3820	2.81	--	E	10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Chloroform	ND	0.200	--	ND	0.977	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Benzene	ND	1.00	--	ND	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Bromodichloromethane	ND	0.200	--	ND	1.34	--		10
Trichloroethene	2.48	0.200	--	13.3	1.07	--		10
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-08 D

Date Collected: 07/25/14 13:33

Client ID: SVP-6S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Toluene	8.23	0.500	--	31.0	1.88	--		10
Dibromochloromethane	ND	0.200	--	ND	1.70	--		10
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		10
Tetrachloroethene	1.41	0.200	--	9.56	1.36	--		10
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
Chlorobenzene	ND	0.200	--	ND	0.921	--		10
Ethylbenzene	2.59	0.200	--	11.2	0.869	--		10
p/m-Xylene	8.73	0.400	--	37.9	1.74	--		10
Bromoform	ND	0.200	--	ND	2.07	--		10
Styrene	0.290	0.200	--	1.23	0.852	--		10
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
o-Xylene	3.87	0.200	--	16.8	0.869	--		10
4-Ethyltoluene	0.720	0.200	--	3.54	0.983	--		10
1,3,5-Trimethylbenzene	0.650	0.200	--	3.20	0.983	--		10
1,2,4-Trimethylbenzene	2.63	0.200	--	12.9	0.983	--		10
1,3-Dichlorobenzene	3.42	0.200	--	20.6	1.20	--		10
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		10
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	101		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-08 D2
 Client ID: SVP-6S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 10:46
 Analyst: MB

Date Collected: 07/25/14 13:33
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	949	1.00	--	5330	5.62	--		20

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	95		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-09 D
 Client ID: SVP-7S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/04/14 23:39
 Analyst: MB

Date Collected: 07/25/14 13:58
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.830	0.500	--	4.10	2.47	--		10
Chloromethane	ND	5.00	--	ND	10.3	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,3-Butadiene	ND	0.200	--	ND	0.442	--		10
Bromomethane	ND	0.200	--	ND	0.777	--		10
Chloroethane	ND	0.200	--	ND	0.528	--		10
Trichlorofluoromethane	682	0.500	--	3830	2.81	--	E	10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Chloroform	0.220	0.200	--	1.07	0.977	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Benzene	ND	1.00	--	ND	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Bromodichloromethane	ND	0.200	--	ND	1.34	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-09 D
 Client ID: SVP-7S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 13:58
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Toluene	2.89	0.500	--	10.9	1.88	--		10
Dibromochloromethane	ND	0.200	--	ND	1.70	--		10
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		10
Tetrachloroethene	1.02	0.200	--	6.92	1.36	--		10
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
Chlorobenzene	ND	0.200	--	ND	0.921	--		10
Ethylbenzene	1.13	0.200	--	4.91	0.869	--		10
p/m-Xylene	5.60	0.400	--	24.3	1.74	--		10
Bromoform	ND	0.200	--	ND	2.07	--		10
Styrene	0.200	0.200	--	0.852	0.852	--		10
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
o-Xylene	3.56	0.200	--	15.5	0.869	--		10
4-Ethyltoluene	0.310	0.200	--	1.52	0.983	--		10
1,3,5-Trimethylbenzene	0.300	0.200	--	1.47	0.983	--		10
1,2,4-Trimethylbenzene	1.29	0.200	--	6.34	0.983	--		10
1,3-Dichlorobenzene	2.75	0.200	--	16.5	1.20	--		10
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		10
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	100		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-09 D2
 Client ID: SVP-7S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 11:22
 Analyst: MB

Date Collected: 07/25/14 13:58
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	900	1.00	--	5060	5.62	--		20

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	96		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-10 D
 Client ID: SVP-9S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 00:13
 Analyst: MB

Date Collected: 07/25/14 14:41
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		10
Chloromethane	ND	5.00	--	ND	10.3	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,3-Butadiene	ND	0.200	--	ND	0.442	--		10
Bromomethane	ND	0.200	--	ND	0.777	--		10
Chloroethane	ND	0.200	--	ND	0.528	--		10
Trichlorofluoromethane	204	0.500	--	1150	2.81	--		10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Chloroform	3.96	0.200	--	19.3	0.977	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Benzene	ND	1.00	--	ND	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Bromodichloromethane	ND	0.200	--	ND	1.34	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-10 D
 Client ID: SVP-9S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 14:41
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Toluene	4.56	0.500	--	17.2	1.88	--		10
Dibromochloromethane	ND	0.200	--	ND	1.70	--		10
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		10
Tetrachloroethene	0.530	0.200	--	3.59	1.36	--		10
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
Chlorobenzene	ND	0.200	--	ND	0.921	--		10
Ethylbenzene	2.27	0.200	--	9.86	0.869	--		10
p/m-Xylene	8.61	0.400	--	37.4	1.74	--		10
Bromoform	ND	0.200	--	ND	2.07	--		10
Styrene	0.230	0.200	--	0.979	0.852	--		10
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
o-Xylene	4.21	0.200	--	18.3	0.869	--		10
4-Ethyltoluene	0.810	0.200	--	3.98	0.983	--		10
1,3,5-Trimethylbenzene	0.750	0.200	--	3.69	0.983	--		10
1,2,4-Trimethylbenzene	3.10	0.200	--	15.2	0.983	--		10
1,3-Dichlorobenzene	5.19	0.200	--	31.2	1.20	--		10
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		10
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	98		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-12 D
 Client ID: SVP-10S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 01:21
 Analyst: MB

Date Collected: 07/25/14 15:46
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.710	0.500	--	3.51	2.47	--		10
Chloromethane	ND	5.00	--	ND	10.3	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,3-Butadiene	ND	0.200	--	ND	0.442	--		10
Bromomethane	ND	0.200	--	ND	0.777	--		10
Chloroethane	ND	0.200	--	ND	0.528	--		10
Trichlorofluoromethane	471	0.500	--	2650	2.81	--		10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Chloroform	ND	0.200	--	ND	0.977	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	0.370	0.200	--	2.02	1.09	--		10
Benzene	ND	1.00	--	ND	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Bromodichloromethane	ND	0.200	--	ND	1.34	--		10
Trichloroethene	1.61	0.200	--	8.65	1.07	--		10
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-12 D
 Client ID: SVP-10S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/25/14 15:46
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Toluene	5.75	0.500	--	21.7	1.88	--		10
Dibromochloromethane	ND	0.200	--	ND	1.70	--		10
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		10
Tetrachloroethene	0.590	0.200	--	4.00	1.36	--		10
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
Chlorobenzene	ND	0.200	--	ND	0.921	--		10
Ethylbenzene	1.95	0.200	--	8.47	0.869	--		10
p/m-Xylene	7.21	0.400	--	31.3	1.74	--		10
Bromoform	ND	0.200	--	ND	2.07	--		10
Styrene	0.210	0.200	--	0.894	0.852	--		10
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
o-Xylene	3.36	0.200	--	14.6	0.869	--		10
4-Ethyltoluene	0.810	0.200	--	3.98	0.983	--		10
1,3,5-Trimethylbenzene	0.770	0.200	--	3.79	0.983	--		10
1,2,4-Trimethylbenzene	3.20	0.200	--	15.7	0.983	--		10
1,3-Dichlorobenzene	4.68	0.200	--	28.1	1.20	--		10
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		10
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	96		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-13 D
 Client ID: SVP-12S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 01:57
 Analyst: MB

Date Collected: 07/25/14 16:11
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	3.02	--	ND	14.9	--		60.48
Chloromethane	ND	30.2	--	ND	62.4	--		60.48
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.02	--	ND	21.1	--		60.48
Vinyl chloride	ND	1.21	--	ND	3.09	--		60.48
1,3-Butadiene	ND	1.21	--	ND	2.68	--		60.48
Bromomethane	ND	1.21	--	ND	4.70	--		60.48
Chloroethane	ND	1.21	--	ND	3.19	--		60.48
Trichlorofluoromethane	1900	3.02	--	10700	17.0	--		60.48
1,1-Dichloroethene	ND	1.21	--	ND	4.80	--		60.48
Methylene chloride	ND	60.5	--	ND	210	--		60.48
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	3.02	--	ND	23.1	--		60.48
trans-1,2-Dichloroethene	ND	1.21	--	ND	4.80	--		60.48
1,1-Dichloroethane	ND	1.21	--	ND	4.90	--		60.48
Methyl tert butyl ether	ND	1.21	--	ND	4.36	--		60.48
cis-1,2-Dichloroethene	ND	1.21	--	ND	4.80	--		60.48
Chloroform	ND	1.21	--	ND	5.91	--		60.48
1,2-Dichloroethane	ND	1.21	--	ND	4.90	--		60.48
1,1,1-Trichloroethane	3.26	1.21	--	17.8	6.60	--		60.48
Benzene	ND	6.05	--	ND	19.3	--		60.48
Carbon tetrachloride	ND	1.21	--	ND	7.61	--		60.48
1,2-Dichloropropane	ND	1.21	--	ND	5.59	--		60.48
Bromodichloromethane	ND	1.21	--	ND	8.11	--		60.48
Trichloroethene	10.4	1.21	--	55.9	6.50	--		60.48
cis-1,3-Dichloropropene	ND	1.21	--	ND	5.49	--		60.48



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-13 D

Date Collected: 07/25/14 16:11

Client ID: SVP-12S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	1.21	--	ND	5.49	--		60.48
1,1,2-Trichloroethane	ND	1.21	--	ND	6.60	--		60.48
Toluene	12.2	3.02	--	46.0	11.4	--		60.48
Dibromochloromethane	ND	1.21	--	ND	10.3	--		60.48
1,2-Dibromoethane	ND	1.21	--	ND	9.30	--		60.48
Tetrachloroethene	1.21	1.21	--	8.21	8.21	--		60.48
1,1,1,2-Tetrachloroethane	ND	1.21	--	ND	8.31	--		60.48
Chlorobenzene	ND	1.21	--	ND	5.57	--		60.48
Ethylbenzene	1.87	1.21	--	8.12	5.26	--		60.48
p/m-Xylene	5.56	2.42	--	24.2	10.5	--		60.48
Bromoform	ND	1.21	--	ND	12.5	--		60.48
Styrene	ND	1.21	--	ND	5.15	--		60.48
1,1,2,2-Tetrachloroethane	ND	1.21	--	ND	8.31	--		60.48
o-Xylene	2.48	1.21	--	10.8	5.26	--		60.48
4-Ethyltoluene	ND	1.21	--	ND	5.95	--		60.48
1,3,5-Trimethylbenzene	ND	1.21	--	ND	5.95	--		60.48
1,2,4-Trimethylbenzene	2.48	1.21	--	12.2	5.95	--		60.48
1,3-Dichlorobenzene	3.87	1.21	--	23.3	7.27	--		60.48
1,4-Dichlorobenzene	ND	1.21	--	ND	7.27	--		60.48
1,2-Dichlorobenzene	ND	1.21	--	ND	7.27	--		60.48
1,2,4-Trichlorobenzene	ND	3.02	--	ND	22.4	--		60.48
Hexachlorobutadiene	ND	3.02	--	ND	32.2	--		60.48

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	97		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-14
 Client ID: SVP-11S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 02:33
 Analyst: MB

Date Collected: 07/29/14 09:05
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.105	0.050	--	0.519	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.026	0.020	--	0.067	0.051	--		1
1,3-Butadiene	0.091	0.020	--	0.201	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.047	0.020	--	0.124	0.053	--		1
Trichlorofluoromethane	32.8	0.050	--	184	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.300	0.050	--	2.30	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.398	0.020	--	1.94	0.098	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
1,1,1-Trichloroethane	5.30	0.020	--	28.9	0.109	--		1
Benzene	0.154	0.100	--	0.492	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.038	0.020	--	0.255	0.134	--		1
Trichloroethene	1.86	0.020	--	10.0	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-14
 Client ID: SVP-11S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 09:05
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.91	0.050	--	7.20	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	1.29	0.020	--	8.75	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.611	0.020	--	2.65	0.087	--		1
p/m-Xylene	2.16	0.040	--	9.38	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.352	0.020	--	1.50	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.947	0.020	--	4.11	0.087	--		1
4-Ethyltoluene	0.225	0.020	--	1.11	0.098	--		1
1,3,5-Trimethylbenzene	0.215	0.020	--	1.06	0.098	--		1
1,2,4-Trimethylbenzene	0.722	0.020	--	3.55	0.098	--		1
1,3-Dichlorobenzene	0.983	0.020	--	5.91	0.120	--		1
1,4-Dichlorobenzene	0.033	0.020	--	0.198	0.120	--		1
1,2-Dichlorobenzene	0.039	0.020	--	0.234	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	97		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-15
 Client ID: SVP-13S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 03:10
 Analyst: MB

Date Collected: 07/29/14 09:32
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.167	0.050	--	0.826	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.048	0.020	--	0.106	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.025	0.020	--	0.066	0.053	--		1
Trichlorofluoromethane	13.5	0.050	--	75.9	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.086	0.050	--	0.659	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.485	0.020	--	2.37	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.826	0.100	--	2.64	0.319	--		1
Carbon tetrachloride	0.047	0.020	--	0.296	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.053	0.020	--	0.355	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-15
 Client ID: SVP-13S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 09:32
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	4.41	0.050	--	16.6	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.688	0.020	--	4.67	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	1.09	0.020	--	4.73	0.087	--		1
p/m-Xylene	3.67	0.040	--	15.9	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.429	0.020	--	1.83	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	1.49	0.020	--	6.47	0.087	--		1
4-Ethyltoluene	0.305	0.020	--	1.50	0.098	--		1
1,3,5-Trimethylbenzene	0.299	0.020	--	1.47	0.098	--		1
1,2,4-Trimethylbenzene	0.954	0.020	--	4.69	0.098	--		1
1,3-Dichlorobenzene	1.10	0.020	--	6.61	0.120	--		1
1,4-Dichlorobenzene	0.028	0.020	--	0.168	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	96		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-16
 Client ID: SVP-14S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 03:48
 Analyst: MB

Date Collected: 07/29/14 10:01
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.134	0.050	--	0.663	0.247	--		1
Chloromethane	0.628	0.500	--	1.30	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.030	0.020	--	0.077	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.069	0.020	--	0.182	0.053	--		1
Trichlorofluoromethane	10.4	0.050	--	58.4	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.086	0.050	--	0.659	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.128	0.020	--	0.625	0.098	--		1
1,2-Dichloroethane	0.035	0.020	--	0.142	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.233	0.100	--	0.744	0.319	--		1
Carbon tetrachloride	0.058	0.020	--	0.365	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-16
 Client ID: SVP-14S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 10:01
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	3.45	0.050	--	13.0	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.079	0.020	--	0.536	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.873	0.020	--	3.79	0.087	--		1
p/m-Xylene	3.14	0.040	--	13.6	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.593	0.020	--	2.52	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	1.35	0.020	--	5.86	0.087	--		1
4-Ethyltoluene	0.321	0.020	--	1.58	0.098	--		1
1,3,5-Trimethylbenzene	0.327	0.020	--	1.61	0.098	--		1
1,2,4-Trimethylbenzene	1.13	0.020	--	5.56	0.098	--		1
1,3-Dichlorobenzene	1.74	0.020	--	10.5	0.120	--		1
1,4-Dichlorobenzene	0.028	0.020	--	0.168	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	90		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-17 D
 Client ID: SVP-17S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 20:32
 Analyst: MB

Date Collected: 07/29/14 10:25
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.248	0.100	--	1.23	0.494	--		2
Chloromethane	ND	1.00	--	ND	2.07	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.100	--	ND	0.699	--		2
Vinyl chloride	0.056	0.040	--	0.143	0.102	--		2
1,3-Butadiene	0.178	0.040	--	0.394	0.089	--		2
Bromomethane	ND	0.040	--	ND	0.155	--		2
Chloroethane	0.078	0.040	--	0.206	0.106	--		2
Trichlorofluoromethane	183	0.100	--	1030	0.562	--	E	2
1,1-Dichloroethene	ND	0.040	--	ND	0.159	--		2
Methylene chloride	ND	2.00	--	ND	6.95	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.152	0.100	--	1.17	0.766	--		2
trans-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,1-Dichloroethane	ND	0.040	--	ND	0.162	--		2
Methyl tert butyl ether	ND	0.040	--	ND	0.144	--		2
cis-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
Chloroform	2.50	0.040	--	12.2	0.195	--		2
1,2-Dichloroethane	ND	0.040	--	ND	0.162	--		2
1,1,1-Trichloroethane	ND	0.040	--	ND	0.218	--		2
Benzene	2.40	0.200	--	7.67	0.639	--		2
Carbon tetrachloride	ND	0.040	--	ND	0.252	--		2
1,2-Dichloropropane	ND	0.040	--	ND	0.185	--		2
Bromodichloromethane	ND	0.040	--	ND	0.268	--		2
Trichloroethene	0.296	0.040	--	1.59	0.215	--		2
cis-1,3-Dichloropropene	ND	0.040	--	ND	0.182	--		2



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-17 D

Date Collected: 07/29/14 10:25

Client ID: SVP-17S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.040	--	ND	0.182	--		2
1,1,2-Trichloroethane	ND	0.040	--	ND	0.218	--		2
Toluene	28.8	0.100	--	109	0.377	--		2
Dibromochloromethane	ND	0.040	--	ND	0.341	--		2
1,2-Dibromoethane	ND	0.040	--	ND	0.307	--		2
Tetrachloroethene	0.878	0.040	--	5.95	0.271	--		2
1,1,1,2-Tetrachloroethane	ND	0.040	--	ND	0.275	--		2
Chlorobenzene	0.048	0.040	--	0.221	0.184	--		2
Ethylbenzene	2.64	0.040	--	11.5	0.174	--		2
p/m-Xylene	6.59	0.080	--	28.6	0.347	--		2
Bromoform	ND	0.040	--	ND	0.414	--		2
Styrene	0.388	0.040	--	1.65	0.170	--		2
1,1,2,2-Tetrachloroethane	ND	0.040	--	ND	0.275	--		2
o-Xylene	2.33	0.040	--	10.1	0.174	--		2
4-Ethyltoluene	0.202	0.040	--	0.993	0.197	--		2
1,3,5-Trimethylbenzene	0.208	0.040	--	1.02	0.197	--		2
1,2,4-Trimethylbenzene	0.828	0.040	--	4.07	0.197	--		2
1,3-Dichlorobenzene	1.33	0.040	--	8.00	0.240	--		2
1,4-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2
1,2-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2
1,2,4-Trichlorobenzene	ND	0.100	--	ND	0.742	--		2
Hexachlorobutadiene	ND	0.100	--	ND	1.07	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	75		60-140
chlorobenzene-d5	94		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-17 D2
 Client ID: SVP-17S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/06/14 09:14
 Analyst: MB

Date Collected: 07/29/14 10:25
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	170	0.500	--	955	2.81	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	77		60-140
chlorobenzene-d5	94		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-18 D
 Client ID: SVP-16S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/06/14 11:21
 Analyst: MB

Date Collected: 07/29/14 10:54
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	1.05	0.592	--	5.19	2.93	--		11.85
Chloromethane	ND	5.92	--	ND	12.2	--		11.85
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.592	--	ND	4.14	--		11.85
Vinyl chloride	ND	0.237	--	ND	0.606	--		11.85
1,3-Butadiene	ND	0.237	--	ND	0.524	--		11.85
Bromomethane	ND	0.237	--	ND	0.920	--		11.85
Chloroethane	ND	0.237	--	ND	0.625	--		11.85
Trichlorofluoromethane	685	0.592	--	3850	3.33	--	E	11.85
1,1-Dichloroethene	ND	0.237	--	ND	0.940	--		11.85
Methylene chloride	ND	11.8	--	ND	41.0	--		11.85
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.592	--	ND	4.54	--		11.85
trans-1,2-Dichloroethene	ND	0.237	--	ND	0.940	--		11.85
1,1-Dichloroethane	ND	0.237	--	ND	0.959	--		11.85
Methyl tert butyl ether	ND	0.237	--	ND	0.854	--		11.85
cis-1,2-Dichloroethene	0.249	0.237	--	0.987	0.940	--		11.85
Chloroform	ND	0.237	--	ND	1.16	--		11.85
1,2-Dichloroethane	ND	0.237	--	ND	0.959	--		11.85
1,1,1-Trichloroethane	ND	0.237	--	ND	1.29	--		11.85
Benzene	ND	1.18	--	ND	3.77	--		11.85
Carbon tetrachloride	ND	0.237	--	ND	1.49	--		11.85
1,2-Dichloropropane	ND	0.237	--	ND	1.10	--		11.85
Bromodichloromethane	ND	0.237	--	ND	1.59	--		11.85
Trichloroethene	ND	0.237	--	ND	1.27	--		11.85
cis-1,3-Dichloropropene	ND	0.237	--	ND	1.08	--		11.85



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-18 D
 Client ID: SVP-16S
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 10:54
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.237	--	ND	1.08	--		11.85
1,1,2-Trichloroethane	ND	0.237	--	ND	1.29	--		11.85
Toluene	1.43	0.592	--	5.39	2.23	--		11.85
Dibromochloromethane	ND	0.237	--	ND	2.02	--		11.85
1,2-Dibromoethane	ND	0.237	--	ND	1.82	--		11.85
Tetrachloroethene	0.450	0.237	--	3.05	1.61	--		11.85
1,1,1,2-Tetrachloroethane	ND	0.237	--	ND	1.63	--		11.85
Chlorobenzene	ND	0.237	--	ND	1.09	--		11.85
Ethylbenzene	0.485	0.237	--	2.11	1.03	--		11.85
p/m-Xylene	1.67	0.474	--	7.25	2.06	--		11.85
Bromoform	ND	0.237	--	ND	2.45	--		11.85
Styrene	0.272	0.237	--	1.16	1.01	--		11.85
1,1,2,2-Tetrachloroethane	ND	0.237	--	ND	1.63	--		11.85
o-Xylene	0.746	0.237	--	3.24	1.03	--		11.85
4-Ethyltoluene	ND	0.237	--	ND	1.17	--		11.85
1,3,5-Trimethylbenzene	ND	0.237	--	ND	1.17	--		11.85
1,2,4-Trimethylbenzene	0.687	0.237	--	3.38	1.17	--		11.85
1,3-Dichlorobenzene	0.687	0.237	--	4.13	1.42	--		11.85
1,4-Dichlorobenzene	ND	0.237	--	ND	1.42	--		11.85
1,2-Dichlorobenzene	ND	0.237	--	ND	1.42	--		11.85
1,2,4-Trichlorobenzene	ND	0.592	--	ND	4.39	--		11.85
Hexachlorobutadiene	ND	0.592	--	ND	6.31	--		11.85

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	79		60-140
chlorobenzene-d5	89		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-18 D2

Date Collected: 07/29/14 10:54

Client ID: SVP-16S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/06/14 11:52

Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	641	1.18	--	3600	6.63	--		23.69

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	93		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-19
 Client ID: SVP-15D
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 22:07
 Analyst: MB

Date Collected: 07/29/14 11:34
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.289	0.050	--	1.43	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.037	0.020	--	0.095	0.051	--		1
1,3-Butadiene	0.033	0.020	--	0.073	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.032	0.020	--	0.084	0.053	--		1
Trichlorofluoromethane	13.2	0.050	--	74.2	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	1.08	1.00	--	3.75	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.080	0.050	--	0.613	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.052	0.020	--	0.254	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.168	0.100	--	0.537	0.319	--		1
Carbon tetrachloride	0.065	0.020	--	0.409	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-19
 Client ID: SVP-15D
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 11:34
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.60	0.050	--	6.03	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.188	0.020	--	1.27	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	0.027	0.020	--	0.124	0.092	--		1
Ethylbenzene	0.479	0.020	--	2.08	0.087	--		1
p/m-Xylene	1.79	0.040	--	7.77	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.220	0.020	--	0.937	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.974	0.020	--	4.23	0.087	--		1
4-Ethyltoluene	0.379	0.020	--	1.86	0.098	--		1
1,3,5-Trimethylbenzene	0.402	0.020	--	1.98	0.098	--		1
1,2,4-Trimethylbenzene	1.45	0.020	--	7.13	0.098	--		1
1,3-Dichlorobenzene	1.40	0.020	--	8.42	0.120	--		1
1,4-Dichlorobenzene	0.025	0.020	--	0.150	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	84		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	91		60-140



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-20 D
 Client ID: SVP-18S
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 22:38
 Analyst: MB

Date Collected: 07/29/14 12:01
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.920	0.500	--	4.55	2.47	--		10
Chloromethane	ND	5.00	--	ND	10.3	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,3-Butadiene	ND	0.200	--	ND	0.442	--		10
Bromomethane	ND	0.200	--	ND	0.777	--		10
Chloroethane	ND	0.200	--	ND	0.528	--		10
Trichlorofluoromethane	596	0.500	--	3350	2.81	--	E	10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Chloroform	0.240	0.200	--	1.17	0.977	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Benzene	ND	1.00	--	ND	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Bromodichloromethane	ND	0.200	--	ND	1.34	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-20 D

Date Collected: 07/29/14 12:01

Client ID: SVP-18S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		10
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Toluene	1.92	0.500	--	7.24	1.88	--		10
Dibromochloromethane	ND	0.200	--	ND	1.70	--		10
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		10
Tetrachloroethene	0.580	0.200	--	3.93	1.36	--		10
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
Chlorobenzene	ND	0.200	--	ND	0.921	--		10
Ethylbenzene	0.640	0.200	--	2.78	0.869	--		10
p/m-Xylene	2.06	0.400	--	8.95	1.74	--		10
Bromoform	ND	0.200	--	ND	2.07	--		10
Styrene	0.300	0.200	--	1.28	0.852	--		10
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
o-Xylene	0.980	0.200	--	4.26	0.869	--		10
4-Ethyltoluene	0.230	0.200	--	1.13	0.983	--		10
1,3,5-Trimethylbenzene	0.260	0.200	--	1.28	0.983	--		10
1,2,4-Trimethylbenzene	1.03	0.200	--	5.06	0.983	--		10
1,3-Dichlorobenzene	1.72	0.200	--	10.3	1.20	--		10
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		10
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	74		60-140
chlorobenzene-d5	88		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-20 D2

Date Collected: 07/29/14 12:01

Client ID: SVP-18S

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/06/14 10:49

Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	538	1.00	--	3020	5.62	--		20

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-21 D
 Client ID: SVP-5D
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/05/14 23:10
 Analyst: MB

Date Collected: 07/29/14 14:04
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.447	0.167	--	2.21	0.826	--		3.333
Chloromethane	ND	1.67	--	ND	3.45	--		3.333
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.167	--	ND	1.17	--		3.333
Vinyl chloride	ND	0.067	--	ND	0.171	--		3.333
1,3-Butadiene	ND	0.067	--	ND	0.148	--		3.333
Bromomethane	ND	0.067	--	ND	0.259	--		3.333
Chloroethane	ND	0.067	--	ND	0.176	--		3.333
Trichlorofluoromethane	0.860	0.167	--	4.83	0.938	--		3.333
1,1-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
Methylene chloride	ND	3.33	--	ND	11.6	--		3.333
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.167	--	ND	1.28	--		3.333
trans-1,2-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
1,1-Dichloroethane	ND	0.067	--	ND	0.270	--		3.333
Methyl tert butyl ether	ND	0.067	--	ND	0.240	--		3.333
cis-1,2-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
Chloroform	1.36	0.067	--	6.64	0.326	--		3.333
1,2-Dichloroethane	ND	0.067	--	ND	0.270	--		3.333
1,1,1-Trichloroethane	0.770	0.067	--	4.20	0.364	--		3.333
Benzene	0.357	0.333	--	1.14	1.06	--		3.333
Carbon tetrachloride	0.100	0.067	--	0.629	0.420	--		3.333
1,2-Dichloropropane	ND	0.067	--	ND	0.308	--		3.333
Bromodichloromethane	ND	0.067	--	ND	0.447	--		3.333
Trichloroethene	23.5	0.067	--	126	0.358	--		3.333
cis-1,3-Dichloropropene	ND	0.067	--	ND	0.303	--		3.333



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-21 D

Date Collected: 07/29/14 14:04

Client ID: SVP-5D

Date Received: 07/30/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.067	--	ND	0.303	--		3.333
1,1,2-Trichloroethane	ND	0.067	--	ND	0.364	--		3.333
Toluene	1.30	0.167	--	4.90	0.629	--		3.333
Dibromochloromethane	ND	0.067	--	ND	0.568	--		3.333
1,2-Dibromoethane	ND	0.067	--	ND	0.513	--		3.333
Tetrachloroethene	97.9	0.067	--	664	0.452	--		3.333
1,1,1,2-Tetrachloroethane	ND	0.067	--	ND	0.458	--		3.333
Chlorobenzene	ND	0.067	--	ND	0.307	--		3.333
Ethylbenzene	0.420	0.067	--	1.82	0.290	--		3.333
p/m-Xylene	1.54	0.133	--	6.69	0.578	--		3.333
Bromoform	ND	0.067	--	ND	0.690	--		3.333
Styrene	0.170	0.067	--	0.724	0.284	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.067	--	ND	0.458	--		3.333
o-Xylene	0.733	0.067	--	3.18	0.290	--		3.333
4-Ethyltoluene	0.200	0.067	--	0.983	0.328	--		3.333
1,3,5-Trimethylbenzene	0.237	0.067	--	1.17	0.328	--		3.333
1,2,4-Trimethylbenzene	0.970	0.067	--	4.77	0.328	--		3.333
1,3-Dichlorobenzene	2.08	0.067	--	12.5	0.401	--		3.333
1,4-Dichlorobenzene	ND	0.067	--	ND	0.401	--		3.333
1,2-Dichlorobenzene	ND	0.067	--	ND	0.401	--		3.333
1,2,4-Trichlorobenzene	ND	0.167	--	ND	1.24	--		3.333
Hexachlorobutadiene	ND	0.167	--	ND	1.78	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	74		60-140
chlorobenzene-d5	89		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-22
Client ID: SVP-9D
Sample Location: PAWTUCKET, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/05/14 23:42
Analyst: MB

Date Collected: 07/29/14 14:39
Date Received: 07/30/14
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.507	0.050	--	2.51	0.247	--		1
Chloromethane	1.06	0.500	--	2.19	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	0.045	0.020	--	0.115	0.051	--		1
1,3-Butadiene	0.021	0.020	--	0.047	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.048	0.020	--	0.127	0.053	--		1
Trichlorofluoromethane	1.53	0.050	--	8.60	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.095	0.050	--	0.728	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.128	0.020	--	0.625	0.098	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.305	0.100	--	0.974	0.319	--		1
Carbon tetrachloride	0.102	0.020	--	0.642	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	0.113	0.020	--	0.607	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

SAMPLE RESULTS

Lab ID: L1417006-22
 Client ID: SVP-9D
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 14:39
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.85	0.050	--	6.97	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	1.29	0.020	--	8.75	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	0.032	0.020	--	0.147	0.092	--		1
Ethylbenzene	0.307	0.020	--	1.33	0.087	--		1
p/m-Xylene	1.20	0.040	--	5.21	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.124	0.020	--	0.528	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.623	0.020	--	2.71	0.087	--		1
4-Ethyltoluene	0.208	0.020	--	1.02	0.098	--		1
1,3,5-Trimethylbenzene	0.247	0.020	--	1.21	0.098	--		1
1,2,4-Trimethylbenzene	0.943	0.020	--	4.64	0.098	--		1
1,3-Dichlorobenzene	1.72	0.020	--	10.3	0.120	--		1
1,4-Dichlorobenzene	0.024	0.020	--	0.144	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	61		60-140
chlorobenzene-d5	90		60-140



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-23
 Client ID: DUPLICATE
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/06/14 00:13
 Analyst: MB

Date Collected: 07/29/14 00:00
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.050	--	2.31	0.247	--		1
Chloromethane	0.843	0.500	--	1.74	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.041	0.020	--	0.108	0.053	--		1
Trichlorofluoromethane	1.25	0.050	--	7.02	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.095	0.050	--	0.728	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.067	0.020	--	0.327	0.098	--		1
1,2-Dichloroethane	0.032	0.020	--	0.130	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.505	0.100	--	1.61	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY**Lab Number:** L1417006**Project Number:** 14993.04**Report Date:** 08/06/14**SAMPLE RESULTS**

Lab ID: L1417006-23
 Client ID: DUPLICATE
 Sample Location: PAWTUCKET, RI

Date Collected: 07/29/14 00:00
 Date Received: 07/30/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.64	0.050	--	6.18	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.106	0.020	--	0.719	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	0.047	0.020	--	0.216	0.092	--		1
Ethylbenzene	0.721	0.020	--	3.13	0.087	--		1
p/m-Xylene	2.71	0.040	--	11.8	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.369	0.020	--	1.57	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.988	0.020	--	4.29	0.087	--		1
4-Ethyltoluene	0.186	0.020	--	0.914	0.098	--		1
1,3,5-Trimethylbenzene	0.188	0.020	--	0.924	0.098	--		1
1,2,4-Trimethylbenzene	0.795	0.020	--	3.91	0.098	--		1
1,3-Dichlorobenzene	1.14	0.020	--	6.85	0.120	--		1
1,4-Dichlorobenzene	0.026	0.020	--	0.156	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	63		60-140
chlorobenzene-d5	93		60-140



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/04/14 16:43

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-10,12-16 Batch: WG711111-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/04/14 16:43

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-10,12-16 Batch: WG711111-4								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/04/14 16:43

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-10,12-16 Batch: WG711111-4								
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/05/14 15:52

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 17-23 Batch: WG711387-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/05/14 15:52

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 17-23 Batch: WG711387-4								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/05/14 15:52

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 17-23 Batch: WG711387-4								
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Parameter	LCS		LCS D		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	Limits	
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-10,12-16 Batch: WG711111-3								
Dichlorodifluoromethane	94	-	-	-	70-130	-	25	25
Chloromethane	112	-	-	-	70-130	-	25	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	109	-	-	-	70-130	-	25	25
Vinyl chloride	117	-	-	-	70-130	-	25	25
1,3-Butadiene	115	-	-	-	70-130	-	25	25
Bromomethane	119	-	-	-	70-130	-	25	25
Chloroethane	113	-	-	-	70-130	-	25	25
Acetone	106	-	-	-	70-130	-	25	25
Trichlorofluoromethane	106	-	-	-	70-130	-	25	25
Acrylonitrile	105	-	-	-	70-130	-	25	25
1,1-Dichloroethene	105	-	-	-	70-130	-	25	25
Methylene chloride	104	-	-	-	70-130	-	25	25
1,1,2-Trichloro-1,2,2-Trifluoroethane	111	-	-	-	70-130	-	25	25
Halothane	123	-	-	-	70-130	-	25	25
trans-1,2-Dichloroethene	87	-	-	-	70-130	-	25	25
1,1-Dichloroethane	104	-	-	-	70-130	-	25	25
Methyl tert butyl ether	97	-	-	-	70-130	-	25	25
2-Butanone	87	-	-	-	70-130	-	25	25
cis-1,2-Dichloroethene	109	-	-	-	70-130	-	25	25
Chloroform	106	-	-	-	70-130	-	25	25
1,2-Dichloroethane	93	-	-	-	70-130	-	25	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	------------------	------	---------------------	-----	------	---------------

Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-10,12-16 Batch: WG711111-3

1,1,1-Trichloroethane	94	-	-	-	70-130	-	-	25
Benzene	97	-	-	-	70-130	-	-	25
Carbon tetrachloride	95	-	-	-	70-130	-	-	25
1,2-Dichloropropane	97	-	-	-	70-130	-	-	25
Bromodichloromethane	92	-	-	-	70-130	-	-	25
1,4-Dioxane	87	-	-	-	70-130	-	-	25
Trichloroethene	102	-	-	-	70-130	-	-	25
cis-1,3-Dichloropropene	98	-	-	-	70-130	-	-	25
4-Methyl-2-pentanone	84	-	-	-	70-130	-	-	25
trans-1,3-Dichloropropene	84	-	-	-	70-130	-	-	25
1,1,2-Trichloroethane	101	-	-	-	70-130	-	-	25
Toluene	120	-	-	-	70-130	-	-	25
Dibromochloromethane	114	-	-	-	70-130	-	-	25
1,2-Dibromoethane	119	-	-	-	70-130	-	-	25
Tetrachloroethene	121	-	-	-	70-130	-	-	25
1,1,1,2-Tetrachloroethane	108	-	-	-	70-130	-	-	25
Chlorobenzene	122	-	-	-	70-130	-	-	25
Ethylbenzene	120	-	-	-	70-130	-	-	25
p/m-Xylene	123	-	-	-	70-130	-	-	25
Bromoform	118	-	-	-	70-130	-	-	25
Styrene	124	-	-	-	70-130	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Parameter	LCS		LCS D		%Recovery		RPD	Qual	RPD	Limits
	%Recovery	Qual	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-10,12-16 Batch: WG711111-3										
1,1,2,2-Tetrachloroethane	120		-		70-130		-		-	25
o-Xylene	122		-		70-130		-		-	25
Isopropylbenzene	121		-		70-130		-		-	25
4-Ethyltoluene	111		-		70-130		-		-	25
1,3,5-Trimethylbenzene	121		-		70-130		-		-	25
1,2,4-Trimethylbenzene	125		-		70-130		-		-	25
1,3-Dichlorobenzene	122		-		70-130		-		-	25
1,4-Dichlorobenzene	116		-		70-130		-		-	25
sec-Butylbenzene	115		-		70-130		-		-	25
p-Isopropyltoluene	111		-		70-130		-		-	25
1,2-Dichlorobenzene	123		-		70-130		-		-	25
n-Butylbenzene	117		-		70-130		-		-	25
1,2,4-Trichlorobenzene	130		-		70-130		-		-	25
Naphthalene	122		-		70-130		-		-	25
1,2,3-Trichlorobenzene	123		-		70-130		-		-	25
Hexachlorobutadiene	132	Q	-		70-130		-		-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	LCS		LCS D		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	Limits	
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 Batch: WG711387-3								
Dichlorodifluoromethane	81	-	-	-	70-130	-	25	25
Chloromethane	80	-	-	-	70-130	-	25	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	94	-	-	-	70-130	-	25	25
Vinyl chloride	88	-	-	-	70-130	-	25	25
1,3-Butadiene	82	-	-	-	70-130	-	25	25
Bromomethane	91	-	-	-	70-130	-	25	25
Chloroethane	84	-	-	-	70-130	-	25	25
Acetone	91	-	-	-	70-130	-	25	25
Trichlorofluoromethane	97	-	-	-	70-130	-	25	25
Acrylonitrile	85	-	-	-	70-130	-	25	25
1,1-Dichloroethene	91	-	-	-	70-130	-	25	25
Methylene chloride	85	-	-	-	70-130	-	25	25
1,1,2-Trichloro-1,2,2-Trifluoroethane	94	-	-	-	70-130	-	25	25
Halothane	98	-	-	-	70-130	-	25	25
trans-1,2-Dichloroethene	84	-	-	-	70-130	-	25	25
1,1-Dichloroethane	97	-	-	-	70-130	-	25	25
Methyl tert butyl ether	86	-	-	-	70-130	-	25	25
2-Butanone	81	-	-	-	70-130	-	25	25
cis-1,2-Dichloroethene	104	-	-	-	70-130	-	25	25
Chloroform	100	-	-	-	70-130	-	25	25
1,2-Dichloroethane	95	-	-	-	70-130	-	25	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	LCS		LCSD		%Recovery		RPD	Qual	RPD	Limits
	%Recovery	Qual	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 Batch: WG711387-3										
1,1,1-Trichloroethane	93	-	-	-	70-130	-	-	-	-	25
Benzene	79	-	-	-	70-130	-	-	-	-	25
Carbon tetrachloride	97	-	-	-	70-130	-	-	-	-	25
1,2-Dichloropropane	91	-	-	-	70-130	-	-	-	-	25
Bromodichloromethane	89	-	-	-	70-130	-	-	-	-	25
1,4-Dioxane	76	-	-	-	70-130	-	-	-	-	25
Trichloroethene	95	-	-	-	70-130	-	-	-	-	25
cis-1,3-Dichloropropene	96	-	-	-	70-130	-	-	-	-	25
4-Methyl-2-pentanone	86	-	-	-	70-130	-	-	-	-	25
trans-1,3-Dichloropropene	84	-	-	-	70-130	-	-	-	-	25
1,1,2-Trichloroethane	98	-	-	-	70-130	-	-	-	-	25
Toluene	95	-	-	-	70-130	-	-	-	-	25
Dibromochloromethane	98	-	-	-	70-130	-	-	-	-	25
1,2-Dibromoethane	101	-	-	-	70-130	-	-	-	-	25
Tetrachloroethene	101	-	-	-	70-130	-	-	-	-	25
1,1,1,2-Tetrachloroethane	102	-	-	-	70-130	-	-	-	-	25
Chlorobenzene	99	-	-	-	70-130	-	-	-	-	25
Ethylbenzene	99	-	-	-	70-130	-	-	-	-	25
p/m-Xylene	100	-	-	-	70-130	-	-	-	-	25
Bromoform	98	-	-	-	70-130	-	-	-	-	25
Styrene	104	-	-	-	70-130	-	-	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	LCS		LCS		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	RPD	Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 Batch: WG711387-3								
1,1,2,2-Tetrachloroethane	104	-	-	-	70-130	-	-	25
o-Xylene	100	-	-	-	70-130	-	-	25
Isopropylbenzene	103	-	-	-	70-130	-	-	25
4-Ethyltoluene	88	-	-	-	70-130	-	-	25
1,3,5-Trimethylbenzene	99	-	-	-	70-130	-	-	25
1,2,4-Trimethylbenzene	103	-	-	-	70-130	-	-	25
1,3-Dichlorobenzene	106	-	-	-	70-130	-	-	25
1,4-Dichlorobenzene	101	-	-	-	70-130	-	-	25
sec-Butylbenzene	102	-	-	-	70-130	-	-	25
p-Isopropyltoluene	98	-	-	-	70-130	-	-	25
1,2-Dichlorobenzene	103	-	-	-	70-130	-	-	25
n-Butylbenzene	111	-	-	-	70-130	-	-	25
1,2,4-Trichlorobenzene	115	-	-	-	70-130	-	-	25
Naphthalene	117	-	-	-	70-130	-	-	25
1,2,3-Trichlorobenzene	124	-	-	-	70-130	-	-	25
Hexachlorobutadiene	114	-	-	-	70-130	-	-	25

Lab Duplicate Analysis Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-10,12-16 QC Batch ID: WG711111-5 QC Sample: L1417006-06 Client ID: SVP-4S						
Dichlorodifluoromethane	0.155	0.116	ppbV	29	Q	25
Chloromethane	0.753	0.756	ppbV	0		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	0.032	0.034	ppbV	6		25
1,3-Butadiene	1.15	1.25	ppbV	8		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	0.051	0.058	ppbV	13		25
Trichlorofluoromethane	7.49	8.21	ppbV	9		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.106	0.112	ppbV	6		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.176	0.176	ppbV	0		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	0.049	0.049	ppbV	0		25
Benzene	4.07	4.13	ppbV	1		25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
4S					
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-10,12-16 QC Batch ID: WG711111-5 QC Sample: L1417006-06 Client ID: SVP-					
Carbon tetrachloride	0.065	0.067	ppbV	3	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	12.0	12.2	ppbV	2	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.889	0.896	ppbV	1	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	45.8	46.5	ppbV	2	25
p/m-Xylene	17.2	17.5	ppbV	2	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.382	0.387	ppbV	1	25
1,1,2,2-Tetrachloroethane	0.080	ND	ppbV	NC	25
o-Xylene	6.21	6.29	ppbV	1	25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-10,12-16 QC Batch ID: WG7111111-5 QC Sample: L1417006-06 Client ID: SVP-4S					
4-Ethyltoluene	0.759	0.772	ppbV	2	25
1,3,5-Trimethylbenzene	0.209	0.212	ppbV	1	25
1,2,4-Trimethylbenzene	0.630	0.645	ppbV	2	25
1,3-Dichlorobenzene	2.45	2.49	ppbV	2	25
1,4-Dichlorobenzene	0.030	0.028	ppbV	7	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 QC Batch ID: WG711387-5 QC Sample: L1417006-17 Client ID: SVP-17S					
Dichlorodifluoromethane	0.248	0.242	ppbV	2	25
Chloromethane	ND	ND	ppbV	NC	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC	25
Vinyl chloride	0.056	0.060	ppbV	7	25
1,3-Butadiene	0.178	0.200	ppbV	12	25
Bromomethane	ND	ND	ppbV	NC	25
Chloroethane	0.078	0.084	ppbV	7	25
Trichlorofluoromethane	183E	185E	ppbV	1	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
Methylene chloride	ND	ND	ppbV	NC	25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.152	0.152	ppbV	0	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Chloroform	2.50	2.51	ppbV	0	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	2.40	2.38	ppbV	1	25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 QC Batch ID: WG711387-5 QC Sample: L1417006-17 Client ID: SVP-17S					
Carbon tetrachloride	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	0.296	0.294	ppbV	1	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	28.8	29.4	ppbV	2	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.878	0.900	ppbV	2	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	0.048	0.048	ppbV	0	25
Ethylbenzene	2.64	2.73	ppbV	3	25
p/m-Xylene	6.59	6.81	ppbV	3	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.388	0.410	ppbV	6	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	2.33	2.41	ppbV	3	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 QC Batch ID: WG711387-5 QC Sample: L1417006-17 Client ID: SVP-17S					
4-Ethyltoluene	0.202	0.208	ppbV	3	25
1,3,5-Trimethylbenzene	0.208	0.216	ppbV	4	25
1,2,4-Trimethylbenzene	0.828	0.868	ppbV	5	25
1,3-Dichlorobenzene	1.33	1.37	ppbV	3	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 17-23 QC Batch ID: WG711387-5 QC Sample: L1417006-17 Client ID: SVP-17S					
Trichlorofluoromethane	170	192	ppbV	12	25

Serial_No:08061415:10
 Lab Number: L1417006
 Report Date: 08/06/14

Project Name: VARIEUR ELEMENTARY
 Project Number: 14993.04

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1417006-01	DAILY COMPOSITE 1	0021	#16 AMB	07/17/14	105425		-	-	-	Pass	4.4	4.6	4
L1417006-01	DAILY COMPOSITE 1	482	2.7L Can	07/17/14	105425	L1414937-02	Pass	-29.6	-9.7	-	-	-	-
L1417006-02	DAILY COMPOSITE 2	0387	#16 AMB	07/17/14	105425		-	-	-	Pass	4.5	4.4	2
L1417006-02	DAILY COMPOSITE 2	108	2.7L Can	07/17/14	105425	L1414937-02	Pass	-29.6	-8.6	-	-	-	-
L1417006-03	SVP-1S	0486	#20 SV	07/21/14	105426		-	-	-	Pass	72	84	15
L1417006-03	SVP-1S	336	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.7	-0.2	-	-	-	-
L1417006-04	SVP-2S	0466	#90 SV	07/21/14	105426		-	-	-	Pass	68	83	20
L1417006-04	SVP-2S	489	2.7L Can	07/21/14	105426	L1415762-01	Pass	-28.3	-4.8	-	-	-	-
L1417006-05	SVP-3S	0342	#90 SV	07/21/14	105426		-	-	-	Pass	68	72	6
L1417006-05	SVP-3S	179	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.6	-7.7	-	-	-	-
L1417006-06	SVP-4S	0389	#90 SV	07/21/14	105426		-	-	-	Pass	72	87	19
L1417006-06	SVP-4S	519	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.5	-1.3	-	-	-	-
L1417006-07	SVP-5S	0392	#90 SV	07/21/14	105426		-	-	-	Pass	71	74	4
L1417006-07	SVP-5S	181	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.5	-7.1	-	-	-	-
L1417006-08	SVP-6S	0206	#90 SV	07/21/14	105426		-	-	-	Pass	67	98	38



Serial_No:08061415:10
 Lab Number: L1417006
 Report Date: 08/06/14

Project Name: VARIEUR ELEMENTARY
 Project Number: 14993.04

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1417006-08	SVP-6S	377	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.5	-2.0	-	-	-	-
L1417006-09	SVP-7S	0404	#30 AMB	07/21/14	105426		-	-	-	Pass	72	77	7
L1417006-09	SVP-7S	144	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.5	-4.6	-	-	-	-
L1417006-10	SVP-9S	0449	#90 SV	07/21/14	105426		-	-	-	Pass	71	76	7
L1417006-10	SVP-9S	491	2.7L Can	07/21/14	105426	L1415762-01	Pass	-29.6	-10.3	-	-	-	-
L1417006-11	SVP-8S	0341	#90 SV	07/21/14	105426		-	-	-	Pass	72	75	4
L1417006-11	SVP-8S	416	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-0.1	-	-	-	-
L1417006-12	SVP-10S	0368	#90 SV	07/21/14	105426		-	-	-	Pass	68	71	4
L1417006-12	SVP-10S	119	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.6	-11.8	-	-	-	-
L1417006-13	SVP-12S	0038	#90 SV	07/21/14	105426		-	-	-	Pass	70	81	15
L1417006-13	SVP-12S	402	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.6	-7.5	-	-	-	-
L1417006-14	SVP-11S	0023	#90 SV	07/21/14	105426		-	-	-	Pass	72	78	8
L1417006-14	SVP-11S	133	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-1.7	-	-	-	-
L1417006-15	SVP-13S	0015	#90 SV	07/21/14	105426		-	-	-	Pass	66	73	10
L1417006-15	SVP-13S	1744	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-7.8	-	-	-	-



Serial_No:08061415:10
 Lab Number: L1417006
 Report Date: 08/06/14

Project Name: VARIEUR ELEMENTARY
 Project Number: 14993.04

Canister and Flow Controller Information

Samplemum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1417006-16	SVP-14S	0235	#90 SV	07/21/14	105426		-	-	-	Pass	66	62	6
L1417006-16	SVP-14S	374	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.7	-12.4	-	-	-	-
L1417006-17	SVP-17S	0165	#90 AMB	07/21/14	105426		-	-	-	Pass	71	88	21
L1417006-17	SVP-17S	212	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.6	-2.9	-	-	-	-
L1417006-18	SVP-16S	0154	#90 SV	07/21/14	105426		-	-	-	Pass	68	82	19
L1417006-18	SVP-16S	202	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-11.9	-	-	-	-
L1417006-19	SVP-15D	0078	#90 SV	07/21/14	105426		-	-	-	Pass	69	79	14
L1417006-19	SVP-15D	343	2.7L Can	07/21/14	105426	L1415762-01	Pass	-28.0	-5.0	-	-	-	-
L1417006-20	SVP-18S	0137	#90 SV	07/21/14	105426		-	-	-	Pass	72	83	14
L1417006-20	SVP-18S	1740	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-4.7	-	-	-	-
L1417006-21	SVP-5D	0045	#90 SV	07/21/14	105426		-	-	-	Pass	72	79	9
L1417006-21	SVP-5D	515	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.2	-5.2	-	-	-	-
L1417006-22	SVP-9D	0005	#30 AMB	07/21/14	105426		-	-	-	Pass	70	76	8
L1417006-22	SVP-9D	373	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-4.0	-	-	-	-
L1417006-23	DUPLICATE	0267	#90 SV	07/21/14	105426		-	-	-	Pass	69	78	12



Serial_No:08061415:10
 Lab Number: L1417006
 Report Date: 08/06/14

Project Name: VARIEUR ELEMENTARY
 Project Number: 14993.04

Canister and Flow Controller Information

Sample Number	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1417006-23	DUPLICATE	257	2.7L Can	07/21/14	105426	L1416039-02	Pass	-29.4	-2.7	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1414937
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1414937-02
 Client ID: CAN 148 SHELF 9
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 07/08/14 15:23
 Analyst: RY

Date Collected: 07/02/14 14:52
 Date Received: 07/03/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1414937
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1414937-02
 Client ID: CAN 148 SHELF 9
 Sample Location:

Date Collected: 07/02/14 14:52
 Date Received: 07/03/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1414937
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1414937-02
 Client ID: CAN 148 SHELF 9
 Sample Location:

Date Collected: 07/02/14 14:52
 Date Received: 07/03/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1414937
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1414937-02
 Client ID: CAN 148 SHELF 9
 Sample Location:

Date Collected: 07/02/14 14:52
 Date Received: 07/03/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1414937**Project Number:** CANISTER QC BAT**Report Date:** 08/06/14**Air Canister Certification Results**

Lab ID: L1414937-02

Date Collected: 07/02/14 14:52

Client ID: CAN 148 SHELF 9

Date Received: 07/03/14

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	76		60-140
Bromochloromethane	79		60-140
chlorobenzene-d5	84		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1414937
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1414937-02
 Client ID: CAN 148 SHELF 9
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/08/14 15:23
 Analyst: RY

Date Collected: 07/02/14 14:52
 Date Received: 07/03/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1414937
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1414937-02
 Client ID: CAN 148 SHELF 9
 Sample Location:

Date Collected: 07/02/14 14:52
 Date Received: 07/03/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1414937**Project Number:** CANISTER QC BAT**Report Date:** 08/06/14**Air Canister Certification Results**

Lab ID: L1414937-02

Date Collected: 07/02/14 14:52

Client ID: CAN 148 SHELF 9

Date Received: 07/03/14

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	90		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 07/16/14 18:24
 Analyst: RY

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01 Date Collected: 07/15/14 16:33
 Client ID: CAN 477 SHELF 1 Date Received: 07/16/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/16/14 18:24
 Analyst: RY

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1415762
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1415762-01
 Client ID: CAN 477 SHELF 1
 Sample Location:

Date Collected: 07/15/14 16:33
 Date Received: 07/16/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	99		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02
 Client ID: CAN 239 SHELF 3
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 07/19/14 16:25
 Analyst: RY

Date Collected: 07/16/14 17:23
 Date Received: 07/18/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02
 Client ID: CAN 239 SHELF 3
 Sample Location:

Date Collected: 07/16/14 17:23
 Date Received: 07/18/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02
 Client ID: CAN 239 SHELF 3
 Sample Location:

Date Collected: 07/16/14 17:23
 Date Received: 07/18/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02
 Client ID: CAN 239 SHELF 3
 Sample Location:

Date Collected: 07/16/14 17:23
 Date Received: 07/18/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02 Date Collected: 07/16/14 17:23
 Client ID: CAN 239 SHELF 3 Date Received: 07/18/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	81		60-140
chlorobenzene-d5	90		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02
 Client ID: CAN 239 SHELF 3
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/19/14 16:25
 Analyst: RY

Date Collected: 07/16/14 17:23
 Date Received: 07/18/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1416039
Report Date: 08/06/14

Air Canister Certification Results

Lab ID: L1416039-02
 Client ID: CAN 239 SHELF 3
 Sample Location:

Date Collected: 07/16/14 17:23
 Date Received: 07/18/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1416039**Project Number:** CANISTER QC BAT**Report Date:** 08/06/14**Air Canister Certification Results**

Lab ID: L1416039-02

Date Collected: 07/16/14 17:23

Client ID: CAN 239 SHELF 3

Date Received: 07/18/14

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	94		60-140



Project Name: VARIEUR ELEMENTARY

Lab Number: L1417006

Project Number: 14993.04

Report Date: 08/06/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1417006-01A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-02A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-03A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-04A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-05A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-06A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-07A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-08A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-09A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-10A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-11A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	CANCELLED()
L1417006-12A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-13A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-14A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-15A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-16A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-17A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-18A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-19A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-20A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-21A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-22A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1417006-23A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.

Report Format: Data Usability Report



Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

Data Qualifiers

- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: VARIEUR ELEMENTARY
Project Number: 14993.04

Lab Number: L1417006
Report Date: 08/06/14

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,

SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYSIS
CHAIN OF CUSTODY
ANALYTICAL

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Project Name: Varieur Elementry
 Project Location: Pawtucket, RI
 Project #: 14993.04
 Project Manager: Ron Mack

ALPHA Quote #: contract #3205227
Turn-Around-Time
 Standard Rush (only confirmed if pre-approved)

Address: 235 Promenade Street
 Providence, RI
 Phone: Joe Martella: 401-222-4700 x7109
 Fax:
 Email:

These samples have been Previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 Report to EA Engineering. Project Manager: Ron Mack email: rmack@east.com

DATE REC'D IN LAB: **7/30/14**
 ALPHA Job #: **L1417006**

Report/Data Deliverables Information
 FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits
 State/Fed Program Criteria

Billing Information
 Same as Client info
 PO #: 3383769

Alpha Lab Use Only	Sample ID	Collection				Date	Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller	Analysis				Sample Specific Comments (i.e. PID) PID w/benzene response	
		Start Time	End Time	Initial Vac	Final Vac							TO-14 by TO-15	TO-15	TO-15 SIM	APH		FIXED GASES
170601 Daily Composite 1		0908	1612	29.0	9.02	7-23-14	AA	CS	2.7L	482	0021	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a
02 Daily Composite 2		0808	1543	29.90	9.23	7-24-14	AA	CS	2.7L	106	0387	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a
03 SVP-15		0940	1012	30.04	0.12	7-25-14	SV	CS		336	0486	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.9 ppm
04 SVP-25		1008	1038	29.28	4.38					489	466	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13.2 ppm
05 SVP-35		1053	1123	30.43	7.08					179	048	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.9 ppm
06 SVP-45		1123	1153	30.54	0.32					519	0389	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.2 ppm

***SAMPLE MATRIX CODES:**
 AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Relinquished By:
 [Signature]
 Date/Time: 7/30/14 11:30
 Received By:
 [Signature]
 Date/Time: 7/30/14 11:30

Container Type: CS

Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Client Information
 320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Project Information
 Project Name: Varieur Elementry
 Project Location: Pawtucket, RI
 Project #: 14993.04
 Project Manager: Ron Mack
 ALPHA Quote #: contract #3205227

Regulatory Requirements/Report Limits
 State/Fed: _____ Program: _____ Criteria: _____

Turn-Around-Time
 Standard Rush (only confirmed if pre-approved)

Date Rec'd in Lab: _____ Date Due: _____ Time: _____

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments:
 Report to EA Engineering. Project Manager: Ron Mack email: rmack@eaest.com

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Collection				Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller	Sample Specific Comments (i.e. PID) PID w/ benzene response																
		Date	Start Time	End Time	Final Vac																						
17006.01	SVP-5S	7-25-14	1201	1232	30.69	6.34	SV	CS	2.7L	181	0392	TO-14 by TO-15	<input type="checkbox"/>	TO-15	<input type="checkbox"/>	TO-15 SIM	<input checked="" type="checkbox"/>	APH	<input type="checkbox"/>	FIXED GASES	<input type="checkbox"/>	TO-13A	<input type="checkbox"/>	TO-4 / TO-10	<input type="checkbox"/>		
08	SVP-6S		1304	1333	29.42	0.12			377	0206				<input type="checkbox"/>													
09	SVP-7S		1328	1358	30.74	4.31			144	0404				<input type="checkbox"/>													
10	SVP-9S		1409	1441	30.05	9.41			191	0449				<input type="checkbox"/>													
11	SVP-8S		1445	1516	29.97	6.22			416	0341				<input type="checkbox"/>													
12	SVP-10S		1514	1546	28.48	9.80			119	0368				<input type="checkbox"/>													

***SAMPLE MATRIX CODES:**
 AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Relinquished By: *Cathryn M...*
 Date/Time: 7/30/14 1130
 Received By: *U.S.M. ...*
 Date/Time: 7/30/14 1130

Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

ALPHA ANALYTICAL
 320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

CHAIN OF CUSTODY
 Project Name: Varieur Elementry
 Project Location: Pawtucket, RI
 Project #: 14993.04
 Project Manager: Ron Mack
 ALPHA Quote #: contract #3205227

ALPHA Job #: **1417006**

Client Information
 Client: Rhode Island DEM
 Address: 235 Promenade Street
 Providence, RI
 Phone: Joe Mantella: 401-222-4700 x7109
 Fax:
 Email:

Project Information
 Project Name: Varieur Elementry
 Project Location: Pawtucket, RI
 Project #: 14993.04
 Project Manager: Ron Mack
 ALPHA Quote #: contract #3205227

Date Rec'd in Lab:
 Report/Data Deliverables Information
 FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits
 State/Fed:
 Program:
 Criteria:

Turn-Around-Time
 Standard Rush (only confirmed if pre-approved)
 Date Due: Time:

Analysis
 These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 Report to EA Engineering. Project Manager: Ron Mack email: rmack@eaest.com
duplicate sample was 33 mins long

Report/Date Deliverables Information
 FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits
 State/Fed:
 Program:
 Criteria:

Turn-Around-Time
 Standard Rush (only confirmed if pre-approved)
 Date Due: Time:

Alpha Lab Use Only	Sample ID	Date	Start Time	End Time	Initial Vac	Final Vac	Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller	Container Type
17006.14	SVP-15D	7-29-14	1104	1134	27.87	3.86	SV	CS	2.7L	340	0078	
20	SVP-18S		1131	1201	30.15	3.20	SV	CS		1740	0137	
21	SVP-5D		1334	1404	29.93	4.26	SV	CS		515	0045	
22	SVP-9D		1409	1439	28.87	2.77	SV	CS		373	0005	
23	Duplicate				29.55	1.80	SV	CS		257	0267	

TO-144 by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4/TO-10	Sample Specific Comments (i.e. PID)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

***SAMPLE MATRIX CODES:**
 AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Relinquished By: *Ron Mack*
Date/Time: 7-30-14 11:30
Received By: *[Signature]*
Date/Time: 7/31/14 12:13

Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.



ANALYTICAL REPORT

Lab Number:	L1419510
Client:	EA Engineering, Science and Technology 2374 Post Road Suite 102 Warwick, RI 02886
ATTN:	Ron Mack
Phone:	(401) 736-3440
Project Name:	VARIEUR ELEMENTRY
Project Number:	14993.04
Report Date:	09/03/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1419510-01	DAILY COMPOSITE 3	AIR	PAWTUCKET, RI	08/20/14 15:03	08/26/14
L1419510-02	DAILY COMPOSITE 5	AIR	PAWTUCKET, RI	08/22/14 15:09	08/26/14
L1419510-03	SVP-85	SOIL_VAPOR	PAWTUCKET, RI	08/25/14 11:34	08/26/14
L1419510-04	DAILY COMPOSITE 4	AIR	PAWTUCKET, RI	08/21/14 17:03	08/26/14
L1419510-05	CAN 244	AIR	PAWTUCKET, RI		08/26/14



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on August 18 and 19, 2014. The canister certification results are provided as an addendum.

Sample L1419510-01 : The canister vacuum measured on receipt at the laboratory was > 15 in. Hg and a smaller sample volume was used for analysis. The reporting limits have been elevated accordingly.

Sample L1419510-03 and WG718129-5 Laboratory Duplicate have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Sample L1419510-03 and WG718129-5 Laboratory Duplicate were diluted and re-analyzed to quantify the samples within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Christopher J. Anderson

Title: Technical Director/Representative

Date: 09/03/14

AIR

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

SAMPLE RESULTS

Lab ID: L1419510-01 D
 Client ID: DAILY COMPOSITE 3
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/29/14 18:31
 Analyst: RY

Date Collected: 08/20/14 15:03
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.342	0.150	--	1.69	0.742	--		3
Chloromethane	ND	1.50	--	ND	3.10	--		3
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.150	--	ND	1.05	--		3
Vinyl chloride	ND	0.060	--	ND	0.153	--		3
1,3-Butadiene	ND	0.060	--	ND	0.133	--		3
Bromomethane	ND	0.060	--	ND	0.233	--		3
Chloroethane	ND	0.060	--	ND	0.158	--		3
Trichlorofluoromethane	0.306	0.150	--	1.72	0.843	--		3
1,1-Dichloroethene	ND	0.060	--	ND	0.238	--		3
Methylene chloride	ND	3.00	--	ND	10.4	--		3
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.150	--	ND	1.15	--		3
trans-1,2-Dichloroethene	ND	0.060	--	ND	0.238	--		3
1,1-Dichloroethane	ND	0.060	--	ND	0.243	--		3
Methyl tert butyl ether	ND	0.060	--	ND	0.216	--		3
cis-1,2-Dichloroethene	ND	0.060	--	ND	0.238	--		3
Chloroform	ND	0.060	--	ND	0.293	--		3
1,2-Dichloroethane	ND	0.060	--	ND	0.243	--		3
1,1,1-Trichloroethane	ND	0.060	--	ND	0.327	--		3
Benzene	ND	0.300	--	ND	0.958	--		3
Carbon tetrachloride	0.090	0.060	--	0.566	0.377	--		3
1,2-Dichloropropane	ND	0.060	--	ND	0.277	--		3
Bromodichloromethane	ND	0.060	--	ND	0.402	--		3
Trichloroethene	ND	0.060	--	ND	0.322	--		3
cis-1,3-Dichloropropene	ND	0.060	--	ND	0.272	--		3



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-01 D
 Client ID: DAILY COMPOSITE 3
 Sample Location: PAWTUCKET, RI

Date Collected: 08/20/14 15:03
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.060	--	ND	0.272	--		3
1,1,2-Trichloroethane	ND	0.060	--	ND	0.327	--		3
Toluene	1.95	0.150	--	7.35	0.565	--		3
Dibromochloromethane	ND	0.060	--	ND	0.511	--		3
1,2-Dibromoethane	ND	0.060	--	ND	0.461	--		3
Tetrachloroethene	ND	0.060	--	ND	0.407	--		3
1,1,1,2-Tetrachloroethane	ND	0.060	--	ND	0.412	--		3
Chlorobenzene	ND	0.060	--	ND	0.276	--		3
Ethylbenzene	0.075	0.060	--	0.326	0.261	--		3
p/m-Xylene	0.186	0.120	--	0.808	0.521	--		3
Bromoform	ND	0.060	--	ND	0.620	--		3
Styrene	0.285	0.060	--	1.21	0.255	--		3
1,1,2,2-Tetrachloroethane	ND	0.060	--	ND	0.412	--		3
o-Xylene	0.099	0.060	--	0.430	0.261	--		3
4-Ethyltoluene	ND	0.060	--	ND	0.295	--		3
1,3,5-Trimethylbenzene	ND	0.060	--	ND	0.295	--		3
1,2,4-Trimethylbenzene	0.147	0.060	--	0.723	0.295	--		3
1,3-Dichlorobenzene	ND	0.060	--	ND	0.361	--		3
1,4-Dichlorobenzene	ND	0.060	--	ND	0.361	--		3
1,2-Dichlorobenzene	ND	0.060	--	ND	0.361	--		3
1,2,4-Trichlorobenzene	ND	0.150	--	ND	1.11	--		3
Naphthalene	ND	0.150	--	ND	0.787	--		3
Hexachlorobutadiene	ND	0.150	--	ND	1.60	--		3



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-01 D

Date Collected: 08/20/14 15:03

Client ID: DAILY COMPOSITE 3

Date Received: 08/26/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

SAMPLE RESULTS

Lab ID: L1419510-02
 Client ID: DAILY COMPOSITE 5
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/29/14 19:03
 Analyst: RY

Date Collected: 08/22/14 15:09
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.441	0.050	--	2.18	0.247	--		1
Chloromethane	0.524	0.500	--	1.08	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	0.029	0.020	--	0.077	0.053	--		1
Trichlorofluoromethane	0.335	0.050	--	1.88	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.091	0.050	--	0.697	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.036	0.020	--	0.176	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.084	0.020	--	0.528	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

SAMPLE RESULTS

Lab ID: L1419510-02
 Client ID: DAILY COMPOSITE 5
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 15:09
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.05	0.050	--	3.96	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.036	0.020	--	0.156	0.087	--		1
p/m-Xylene	0.104	0.040	--	0.452	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.061	0.020	--	0.260	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.044	0.020	--	0.191	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.064	0.020	--	0.315	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-02

Date Collected: 08/22/14 15:09

Client ID: DAILY COMPOSITE 5

Date Received: 08/26/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	76		60-140
chlorobenzene-d5	89		60-140



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

SAMPLE RESULTS

Lab ID: L1419510-03 D
 Client ID: SVP-85
 Sample Location: PAWTUCKET, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/29/14 20:06
 Analyst: RY

Date Collected: 08/25/14 11:34
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.910	0.250	--	4.50	1.24	--		5
Chloromethane	ND	2.50	--	ND	5.16	--		5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.250	--	ND	1.75	--		5
Vinyl chloride	ND	0.100	--	ND	0.256	--		5
1,3-Butadiene	ND	0.100	--	ND	0.221	--		5
Bromomethane	ND	0.100	--	ND	0.388	--		5
Chloroethane	ND	0.100	--	ND	0.264	--		5
Trichlorofluoromethane	313	0.250	--	1760	1.40	--	E	5
1,1-Dichloroethene	ND	0.100	--	ND	0.396	--		5
Methylene chloride	ND	5.00	--	ND	17.4	--		5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.250	--	ND	1.92	--		5
trans-1,2-Dichloroethene	ND	0.100	--	ND	0.396	--		5
1,1-Dichloroethane	ND	0.100	--	ND	0.405	--		5
Methyl tert butyl ether	ND	0.100	--	ND	0.361	--		5
cis-1,2-Dichloroethene	ND	0.100	--	ND	0.396	--		5
Chloroform	ND	0.100	--	ND	0.488	--		5
1,2-Dichloroethane	ND	0.100	--	ND	0.405	--		5
1,1,1-Trichloroethane	ND	0.100	--	ND	0.546	--		5
Benzene	ND	0.500	--	ND	1.60	--		5
Carbon tetrachloride	ND	0.100	--	ND	0.629	--		5
1,2-Dichloropropane	ND	0.100	--	ND	0.462	--		5
Bromodichloromethane	ND	0.100	--	ND	0.670	--		5
Trichloroethene	ND	0.100	--	ND	0.537	--		5
cis-1,3-Dichloropropene	ND	0.100	--	ND	0.454	--		5



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-03 D

Date Collected: 08/25/14 11:34

Client ID: SVP-85

Date Received: 08/26/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.100	--	ND	0.454	--		5
1,1,2-Trichloroethane	ND	0.100	--	ND	0.546	--		5
Toluene	0.405	0.250	--	1.53	0.942	--		5
Dibromochloromethane	ND	0.100	--	ND	0.852	--		5
1,2-Dibromoethane	ND	0.100	--	ND	0.769	--		5
Tetrachloroethene	0.415	0.100	--	2.81	0.678	--		5
1,1,1,2-Tetrachloroethane	ND	0.100	--	ND	0.687	--		5
Chlorobenzene	0.110	0.100	--	0.507	0.461	--		5
Ethylbenzene	0.215	0.100	--	0.934	0.434	--		5
p/m-Xylene	0.750	0.200	--	3.26	0.869	--		5
Bromoform	ND	0.100	--	ND	1.03	--		5
Styrene	0.470	0.100	--	2.00	0.426	--		5
1,1,2,2-Tetrachloroethane	ND	0.100	--	ND	0.687	--		5
o-Xylene	0.295	0.100	--	1.28	0.434	--		5
4-Ethyltoluene	ND	0.100	--	ND	0.492	--		5
1,3,5-Trimethylbenzene	ND	0.100	--	ND	0.492	--		5
1,2,4-Trimethylbenzene	0.215	0.100	--	1.06	0.492	--		5
1,3-Dichlorobenzene	0.215	0.100	--	1.29	0.601	--		5
1,4-Dichlorobenzene	0.160	0.100	--	0.962	0.601	--		5
1,2-Dichlorobenzene	1.55	0.100	--	9.32	0.601	--		5
1,2,4-Trichlorobenzene	ND	0.250	--	ND	1.86	--		5
Naphthalene	ND	0.250	--	ND	1.31	--		5
Hexachlorobutadiene	ND	0.250	--	ND	2.67	--		5



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-03 D

Date Collected: 08/25/14 11:34

Client ID: SVP-85

Date Received: 08/26/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	89		60-140



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-03 D2

Date Collected: 08/25/14 11:34

Client ID: SVP-85

Date Received: 08/26/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/30/14 08:40

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Trichlorofluoromethane	304	0.500	--	1710	2.81	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	88		60-140



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

SAMPLE RESULTS

Lab ID: L1419510-04
 Client ID: DAILY COMPOSITE 4
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/29/14 19:34
 Analyst: RY

Date Collected: 08/21/14 17:03
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.360	0.050	--	1.78	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	0.294	0.050	--	1.65	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.082	0.050	--	0.628	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.032	0.020	--	0.156	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.089	0.020	--	0.560	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-04
 Client ID: DAILY COMPOSITE 4
 Sample Location: PAWTUCKET, RI

Date Collected: 08/21/14 17:03
 Date Received: 08/26/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.207	0.050	--	0.780	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.027	0.020	--	0.117	0.087	--		1
p/m-Xylene	0.071	0.040	--	0.308	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.027	0.020	--	0.117	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.022	0.020	--	0.108	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**SAMPLE RESULTS**

Lab ID: L1419510-04

Date Collected: 08/21/14 17:03

Client ID: DAILY COMPOSITE 4

Date Received: 08/26/14

Sample Location: PAWTUCKET, RI

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	89		60-140



Project Name: VARIEUR ELEMENTRY

Lab Number: L1419510

Project Number: 14993.04

Report Date: 09/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/29/14 15:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-04 Batch: WG718129-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: VARIEUR ELEMENTRY

Lab Number: L1419510

Project Number: 14993.04

Report Date: 09/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/29/14 15:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-04 Batch: WG718129-4								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: VARIEUR ELEMENTRY

Lab Number: L1419510

Project Number: 14993.04

Report Date: 09/03/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/29/14 15:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-04 Batch: WG718129-4								
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Parameter	LCS		LCS D		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	RPD	Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 Batch: WG718129-3								
Dichlorodifluoromethane	110	-	-	-	70-130	-	-	25
Chloromethane	84	-	-	-	70-130	-	-	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110	-	-	-	70-130	-	-	25
Vinyl chloride	96	-	-	-	70-130	-	-	25
1,3-Butadiene	97	-	-	-	70-130	-	-	25
Bromomethane	104	-	-	-	70-130	-	-	25
Chloroethane	94	-	-	-	70-130	-	-	25
Acetone	108	-	-	-	70-130	-	-	25
Trichlorofluoromethane	124	-	-	-	70-130	-	-	25
Acrylonitrile	87	-	-	-	70-130	-	-	25
1,1-Dichloroethene	108	-	-	-	70-130	-	-	25
Methylene chloride	96	-	-	-	70-130	-	-	25
1,1,2-Trichloro-1,2,2-Trifluoroethane	112	-	-	-	70-130	-	-	25
Halothane	106	-	-	-	70-130	-	-	25
trans-1,2-Dichloroethene	97	-	-	-	70-130	-	-	25
1,1-Dichloroethane	104	-	-	-	70-130	-	-	25
Methyl tert butyl ether	104	-	-	-	70-130	-	-	25
2-Butanone	87	-	-	-	70-130	-	-	25
cis-1,2-Dichloroethene	112	-	-	-	70-130	-	-	25
Chloroform	114	-	-	-	70-130	-	-	25
1,2-Dichloroethane	114	-	-	-	70-130	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Parameter	LCS		LCS		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	%Recovery	Limits	RPD	Qual
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 Batch: WG718129-3								
1,1,1-Trichloroethane	107	-	-	-	70-130		-	25
Benzene	79	-	-	-	70-130		-	25
Carbon tetrachloride	114	-	-	-	70-130		-	25
1,2-Dichloropropane	90	-	-	-	70-130		-	25
Bromodichloromethane	107	-	-	-	70-130		-	25
1,4-Dioxane	83	-	-	-	70-130		-	25
Trichloroethene	101	-	-	-	70-130		-	25
cis-1,3-Dichloropropene	101	-	-	-	70-130		-	25
4-Methyl-2-pentanone	91	-	-	-	70-130		-	25
trans-1,3-Dichloropropene	92	-	-	-	70-130		-	25
1,1,2-Trichloroethane	101	-	-	-	70-130		-	25
Toluene	93	-	-	-	70-130		-	25
Dibromochloromethane	116	-	-	-	70-130		-	25
1,2-Dibromoethane	104	-	-	-	70-130		-	25
Tetrachloroethene	107	-	-	-	70-130		-	25
1,1,1,2-Tetrachloroethane	103	-	-	-	70-130		-	25
Chlorobenzene	98	-	-	-	70-130		-	25
Ethylbenzene	100	-	-	-	70-130		-	25
p/m-Xylene	102	-	-	-	70-130		-	25
Bromoform	120	-	-	-	70-130		-	25
Styrene	101	-	-	-	70-130		-	25



Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Parameter	LCS		LCS		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	%Recovery	Limits	RPD	Qual
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 Batch: WG718129-3								
1,1,2,2-Tetrachloroethane	102	-	-	-	70-130	-	-	25
o-Xylene	102	-	-	-	70-130	-	-	25
Isopropylbenzene	98	-	-	-	70-130	-	-	25
4-Ethyltoluene	101	-	-	-	70-130	-	-	25
1,3,5-Trimethylbenzene	102	-	-	-	70-130	-	-	25
1,2,4-Trimethylbenzene	104	-	-	-	70-130	-	-	25
1,3-Dichlorobenzene	109	-	-	-	70-130	-	-	25
1,4-Dichlorobenzene	105	-	-	-	70-130	-	-	25
sec-Butylbenzene	99	-	-	-	70-130	-	-	25
p-Isopropyltoluene	94	-	-	-	70-130	-	-	25
1,2-Dichlorobenzene	108	-	-	-	70-130	-	-	25
n-Butylbenzene	105	-	-	-	70-130	-	-	25
1,2,4-Trichlorobenzene	124	-	-	-	70-130	-	-	25
Naphthalene	113	-	-	-	70-130	-	-	25
1,2,3-Trichlorobenzene	126	-	-	-	70-130	-	-	25
Hexachlorobutadiene	128	-	-	-	70-130	-	-	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG718129-5 QC Sample: L1419510-03 Client ID: SVP-85						
Dichlorodifluoromethane	0.910	0.865	ppbV	5		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Trichlorofluoromethane	313E	309E	ppbV	1		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG718129-5 QC Sample: L1419510-03 Client ID: SVP-85					
Carbon tetrachloride	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	0.405	0.415	ppbV	2	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.415	0.405	ppbV	2	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	0.110	0.115	ppbV	4	25
Ethylbenzene	0.215	0.210	ppbV	2	25
p/m-Xylene	0.750	0.745	ppbV	1	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.470	0.450	ppbV	4	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.295	0.290	ppbV	2	25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG718129-5 QC Sample: L1419510-03 Client ID: SVP-85					
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.215	0.210	ppbV	2	25
1,3-Dichlorobenzene	0.215	0.210	ppbV	2	25
1,4-Dichlorobenzene	0.160	0.160	ppbV	0	25
1,2-Dichlorobenzene	1.55	1.56	ppbV	1	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Naphthalene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG718129-5 QC Sample: L1419510-03 Client ID: SVP-85					
Trichlorofluoromethane	304	299	ppbV	2	25



Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1419510-01	DAILY COMPOSITE 3	0037	#16 AMB	08/19/14	107155		-	-	-	Pass	4.4	3.9	12
L1419510-01	DAILY COMPOSITE 3	348	2.7L Can	08/18/14	107156	L1418520-01	Pass	-29.2	-22.5	-	-	-	-
L1419510-02	DAILY COMPOSITE 5	0622	#16 AMB	08/19/14	107155		-	-	-	Pass	4.5	4.6	2
L1419510-02	DAILY COMPOSITE 5	214	2.7L Can	08/19/14	107155	L1418402-01	Pass	-29.5	-8.7	-	-	-	-
L1419510-03	SVP-85	0318	#90 SV	08/19/14	107155		-	-	-	Pass	70	81	15
L1419510-03	SVP-85	261	2.7L Can	08/19/14	107155	L1418402-01	Pass	-29.6	-6.8	-	-	-	-
L1419510-04	DAILY COMPOSITE 4	0542	#16 AMB	08/19/14	107155		-	-	-	Pass	4.0	4.2	5
L1419510-04	DAILY COMPOSITE 4	331	2.7L Can	08/19/14	107155	L1418402-01	Pass	-29.5	-3.9	-	-	-	-
L1419510-05	CAN 244	244	2.7L Can	08/19/14	107155	L1418402-01	Pass	-29.6	-29.0	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 08/14/14 16:09
 Analyst: MB

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatiles Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1418402**Project Number:** CANISTER QC BAT**Report Date:** 09/03/14**Air Canister Certification Results**

Lab ID: L1418402-01

Date Collected: 08/13/14 14:00

Client ID: CAN 261 SHELF 8

Date Received: 08/13/14

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/14/14 16:09
 Analyst: MB

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418402
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418402-01
 Client ID: CAN 261 SHELF 8
 Sample Location:

Date Collected: 08/13/14 14:00
 Date Received: 08/13/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01
 Client ID: CAN 348 SHELF 2
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 08/15/14 10:47
 Analyst: RY

Date Collected: 08/14/14 17:41
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01
 Client ID: CAN 348 SHELF 2
 Sample Location:

Date Collected: 08/14/14 17:41
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01
 Client ID: CAN 348 SHELF 2
 Sample Location:

Date Collected: 08/14/14 17:41
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01
 Client ID: CAN 348 SHELF 2
 Sample Location:

Date Collected: 08/14/14 17:41
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01 Date Collected: 08/14/14 17:41
 Client ID: CAN 348 SHELF 2 Date Received: 08/15/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	99		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01
 Client ID: CAN 348 SHELF 2
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/15/14 10:47
 Analyst: RY

Date Collected: 08/14/14 17:41
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 09/03/14

Air Canister Certification Results

Lab ID: L1418520-01
 Client ID: CAN 348 SHELF 2
 Sample Location:

Date Collected: 08/14/14 17:41
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1418520**Project Number:** CANISTER QC BAT**Report Date:** 09/03/14**Air Canister Certification Results**

Lab ID: L1418520-01

Date Collected: 08/14/14 17:41

Client ID: CAN 348 SHELF 2

Date Received: 08/15/14

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	99		60-140



Project Name: VARIEUR ELEMENTRY**Lab Number:** L1419510**Project Number:** 14993.04**Report Date:** 09/03/14**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1419510-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-SIM(30)
L1419510-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-SIM(30)
L1419510-03A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-SIM(30)
L1419510-04A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-SIM(30)
L1419510-05A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.

Report Format: Data Usability Report



Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

Data Qualifiers

- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: VARIEUR ELEMENTRY
Project Number: 14993.04

Lab Number: L1419510
Report Date: 09/03/14

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,

SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Rhode Island DEM

Address: 235 Promenade Street

Providence, RI

Phone: Joe Martella: 401-222-4700 x7109

Fax:

Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Report to EA Engineering. Project Manager: Ron Mack email: rmack@eaest.com

PAGE 1 OF 1

Project Information

Project Name: Varieur Elementry

Project Location: Pawtucket, RI

Project #: 14993.04

Project Manager: Ron Mack **EA Engineering**

ALPHA Quote #: contract #3205227

Turn-Around-Time

Standard Rush (only confirmed if pre-approved)

Date Rec'd in Lab:

ALPHA Job #: **L1419610**

Report/Data Deliverables Information

FAX EMAIL

ADEX Add'l Deliverables

Billing Information

Same as Client info

PO #: 3383769

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Analysis

TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Specific Comments (i.e. PID)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	switched flow controller @ 12:15 due to low flow. @ 12:15 vac was 27.98 CS
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Date/Time	Received By:	Date/Time
10/25/14	EA Equipment room	10/25/14
11/05/14	EA Equipment room	11/05/14
11/20/14	EA Equipment room	11/20/14
12/14/14	EA Equipment room	12/14/14

Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Collection				Sample Matrix*	Sampler Initiats	Can Size	ID Can	ID Flow Controller	Container Type
		Date	Start Time	End Time	Initial Vac						
1950 261	Daily Composite 3	8-20-14	08:30	15:03	29.17	23.42	AA	CS	2.7L 348	0396/0037	
	Daily Composite 4	8-21-14	07:13	17:03	30.18	4.52	AA	CS	2.7L 331	0542	
02	Daily Composite 5	8-22-14	07:53	15:09	30.33	9.27	AA	CS	2.7L 214	0622	
03	SVP-05	8-25-14	11:13	11:34	30.47	6.27	SV	CS	2.7L 261	0318	
04	Daily Composite 4	8-21-14	07:13	17:03	30.18	4.52	AA	CS	2.7L 331	0542	

***SAMPLE MATRIX CODES:**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Form 101-02 (1)
 Revised 28-Dec-09

Relinquished By: *Catherine Swann (EA)*
 Date/Time: *10/25/14*
 Relinquished By: *Catherine Swann (EA)*
 Date/Time: *11/05/14*
 Relinquished By: *Steve AAE*
 Date/Time: *11/20/14*
 Relinquished By: *SA*
 Date/Time: *12/14/14*

EA Equipment room
 EA Equipment room
 EA Equipment room
 EA Equipment room

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

EA Engineering
2374 Post Road, Suite 102
Warwick, RI 02886-2242
Ron Mack

Report Number: E408M91
Project: Varieur School

Received Date: 08/22/2014
Report Date: 08/29/2014



Premier Laboratory, Inc
Authorized Signature



CT DPH #PH-0465
NJ DEP #CT007

EPA #CT00008
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

ME DHHS #CT0050
RI DOH #LAO00300

NH ELAP #2020
VT DOH #VT11549



101-000000431594

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E408M91
Client: EA Engineering
Project: Varieur School

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Premier Laboratory received three samples from EA Engineering on 08/22/2014. The samples were analyzed for the following list of analyses in accordance with RI DOH regulations unless otherwise indicated:

Solids: Total Percent (%)

CLPOLM01

Volatiles by 8260C in SW by 5035A-L

8260C

Volatiles by 8260C in GW by 5030C

8260C

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Premier Laboratory Analytical Data Report

Report No: E408M91
Date Received: 08/22/2014 16:30

Customer: EA Engineering
Project: Varieur School

<u>Parameter</u>	<u>Result</u>	<u>DL</u>	<u>Units</u>	<u>Completed</u>	<u>By</u>	<u>Dilution</u>
(1) SB-4 (0-2')						
Date Collected: 08/22/2014 08:00						
Matrix: Solid						
Solids, Total Percent (%)	94		%	08/25/2014 17:35	KWA	
(3) SB-4 (20-22')						
Date Collected: 08/22/2014 09:29						
Matrix: Solid						
Solids, Total Percent (%)	92		%	08/25/2014 17:35	KWA	

Premier Laboratory Analytical Data Report

Report No: E408M91
 Sample No: 1
 Sample Description: SB-4 (0-2')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/22/2014 08:00
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 21:24 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 5.9
 Dilution Factor: 1
 Lab Data File: Q38841.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	34	ug/kg
107-13-1	Acrylonitrile	ND	3.4	ug/kg
71-43-2	Benzene	ND	3.4	ug/kg
108-86-1	Bromobenzene	ND	3.4	ug/kg
74-97-5	Bromochloromethane	ND	3.4	ug/kg
75-27-4	Bromodichloromethane	ND	3.4	ug/kg
75-25-2	Bromoform	ND	3.4	ug/kg
74-83-9	Bromomethane	ND	3.4	ug/kg
78-93-3	2-Butanone (MEK)	ND	6.9	ug/kg
104-51-8	n-Butylbenzene	ND	3.4	ug/kg
135-98-8	sec-Butylbenzene	ND	3.4	ug/kg
98-06-6	tert-Butylbenzene	ND	3.4	ug/kg
75-15-0	Carbon disulfide	ND	3.4	ug/kg
56-23-5	Carbon tetrachloride	ND	3.4	ug/kg
108-90-7	Chlorobenzene	ND	3.4	ug/kg
75-00-3	Chloroethane	ND	3.4	ug/kg
67-66-3	Chloroform	ND	3.4	ug/kg
74-87-3	Chloromethane	ND	3.4	ug/kg
95-49-8	2-Chlorotoluene	ND	3.4	ug/kg
106-43-4	4-Chlorotoluene	ND	3.4	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.4	ug/kg
124-48-1	Dibromochloromethane	ND	3.4	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	3.4	ug/kg
74-95-3	Dibromomethane	ND	3.4	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	3.4	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	3.4	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	3.4	ug/kg
75-71-8	Dichlorodifluoromethane	ND	3.4	ug/kg
75-34-3	1,1-Dichloroethane	ND	3.4	ug/kg
107-06-2	1,2-Dichloroethane	ND	3.4	ug/kg
75-35-4	1,1-Dichloroethene	ND	3.4	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	3.4	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	3.4	ug/kg
78-87-5	1,2-Dichloropropane	ND	3.4	ug/kg
142-28-9	1,3-Dichloropropane	ND	3.4	ug/kg
594-20-7	2,2-Dichloropropane	ND	3.4	ug/kg
563-58-6	1,1-Dichloropropene	ND	3.4	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	3.4	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	ug/kg
60-29-7	Diethyl ether	ND	3.4	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M91
 Sample No: 1
 Sample Description: SB-4 (0-2')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/22/2014 08:00
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 21:24 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 5.9
 Dilution Factor: 1
 Lab Data File: Q38841.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	34	ug/kg
100-41-4	Ethylbenzene	ND	3.4	ug/kg
87-68-3	Hexachlorobutadiene	ND	3.4	ug/kg
591-78-6	2-Hexanone	ND	6.9	ug/kg
98-82-8	Isopropylbenzene	ND	3.4	ug/kg
99-87-6	4-Isopropyltoluene	ND	3.4	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.4	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.9	ug/kg
75-09-2	Methylene chloride	ND	3.4	ug/kg
91-20-3	Naphthalene	ND	3.4	ug/kg
103-65-1	n-Propylbenzene	ND	3.4	ug/kg
100-42-5	Styrene	ND	3.4	ug/kg
109-99-9	Tetrahydrofuran	ND	3.4	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.4	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.4	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	3.4	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.4	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.4	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	3.4	ug/kg
108-88-3	Toluene	ND	3.4	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	3.4	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	3.4	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	3.4	ug/kg
79-01-6	Trichloroethene (TCE)	ND	3.4	ug/kg
75-69-4	Trichlorofluoromethane	ND	3.4	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	3.4	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	3.4	ug/kg
75-01-4	Vinyl chloride	ND	3.4	ug/kg
95-47-6	o-Xylene	ND	3.4	ug/kg
108-38-3	m,p-Xylenes	ND	6.9	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	93%	82%-120%	
Bromofluorobenzene	87%	70%-122%	
Toluene-d8	112%	77%-126%	

Premier Laboratory

Analytical Data Report

Report No: E408M91
 Sample No: 2
 Sample Description: Rinsate 3

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/22/2014 09:15
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/28/2014 15:22 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38863.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408M91
 Sample No: 2
 Sample Description: Rinsate 3

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/22/2014 09:15
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/28/2014 15:22 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38863.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	95%	80%-120%	
Bromofluorobenzene	101%	80%-120%	
Toluene-d8	96%	80%-120%	

Premier Laboratory

Analytical Data Report

Report No: E408M91
 Sample No: 3
 Sample Description: SB-4 (20-22')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/22/2014 09:29
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 21:48 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.5
 Dilution Factor: 1
 Lab Data File: Q38842.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	26	ug/kg
107-13-1	Acrylonitrile	ND	2.6	ug/kg
71-43-2	Benzene	ND	2.6	ug/kg
108-86-1	Bromobenzene	ND	2.6	ug/kg
74-97-5	Bromochloromethane	ND	2.6	ug/kg
75-27-4	Bromodichloromethane	ND	2.6	ug/kg
75-25-2	Bromoform	ND	2.6	ug/kg
74-83-9	Bromomethane	ND	2.6	ug/kg
78-93-3	2-Butanone (MEK)	ND	5.2	ug/kg
104-51-8	n-Butylbenzene	ND	2.6	ug/kg
135-98-8	sec-Butylbenzene	ND	2.6	ug/kg
98-06-6	tert-Butylbenzene	ND	2.6	ug/kg
75-15-0	Carbon disulfide	ND	2.6	ug/kg
56-23-5	Carbon tetrachloride	ND	2.6	ug/kg
108-90-7	Chlorobenzene	ND	2.6	ug/kg
75-00-3	Chloroethane	ND	2.6	ug/kg
67-66-3	Chloroform	ND	2.6	ug/kg
74-87-3	Chloromethane	ND	2.6	ug/kg
95-49-8	2-Chlorotoluene	ND	2.6	ug/kg
106-43-4	4-Chlorotoluene	ND	2.6	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	2.6	ug/kg
124-48-1	Dibromochloromethane	ND	2.6	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	2.6	ug/kg
74-95-3	Dibromomethane	ND	2.6	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	2.6	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	2.6	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	2.6	ug/kg
75-71-8	Dichlorodifluoromethane	ND	2.6	ug/kg
75-34-3	1,1-Dichloroethane	ND	2.6	ug/kg
107-06-2	1,2-Dichloroethane	ND	2.6	ug/kg
75-35-4	1,1-Dichloroethene	ND	2.6	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	2.6	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	2.6	ug/kg
78-87-5	1,2-Dichloropropane	ND	2.6	ug/kg
142-28-9	1,3-Dichloropropane	ND	2.6	ug/kg
594-20-7	2,2-Dichloropropane	ND	2.6	ug/kg
563-58-6	1,1-Dichloropropene	ND	2.6	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	ug/kg
60-29-7	Diethyl ether	ND	2.6	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M91
 Sample No: 3
 Sample Description: SB-4 (20-22')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/22/2014 09:29
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 21:48 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.5
 Dilution Factor: 1
 Lab Data File: Q38842.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	26	ug/kg
100-41-4	Ethylbenzene	ND	2.6	ug/kg
87-68-3	Hexachlorobutadiene	ND	2.6	ug/kg
591-78-6	2-Hexanone	ND	5.2	ug/kg
98-82-8	Isopropylbenzene	ND	2.6	ug/kg
99-87-6	4-Isopropyltoluene	ND	2.6	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	2.6	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.2	ug/kg
75-09-2	Methylene chloride	ND	2.6	ug/kg
91-20-3	Naphthalene	ND	2.6	ug/kg
103-65-1	n-Propylbenzene	ND	2.6	ug/kg
100-42-5	Styrene	ND	2.6	ug/kg
109-99-9	Tetrahydrofuran	ND	2.6	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.6	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.6	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	2.6	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.6	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	2.6	ug/kg
108-88-3	Toluene	ND	2.6	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	2.6	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	2.6	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	2.6	ug/kg
79-01-6	Trichloroethene (TCE)	ND	2.6	ug/kg
75-69-4	Trichlorofluoromethane	ND	2.6	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	ug/kg
75-01-4	Vinyl chloride	ND	2.6	ug/kg
95-47-6	o-Xylene	ND	2.6	ug/kg
108-38-3	m,p-Xylenes	ND	5.2	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	96%	82%-120%	
Bromofluorobenzene	97%	70%-122%	
Toluene-d8	106%	77%-126%	

Chain of Custody

WWW.PREMIERLABORATORY.COM

Lab WO#: F408M91
 Project Manager: [Signature]

Copy of Report To

CUSTOMER: EA Engineering
 ADDRESS: 2347 Post Rd, Suite 102
Warwick, RI
 ATTENTION: Ron Mack
 E-MAIL: rmack@east.com
 PHONE: 401-736-3440 Fax:

Billing Information

BILL TO: RI DEM
 ADDRESS: 235 Promenade St.
Providence, RI
 ATTENTION: Joe Martella
 TELEPHONE: 401-222-4700 x 7109
 PURCHASE ORDER #: 3383388

Project Information

Project: Varieur Elementry
 Project Location: Pawtucket, RI
 Project Manager: Ron Mack
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
 EMAIL: See report info
 TELEPHONE:
 Fax:

Sample Identification	Date Collected	Time Collected	Sample Type		Sample Matrix	VOC 8260	VOC 8260 low level	% solids	Analysis								
			COMPOSITE	GRAB					Non-pres	HCL	HM08 MeOH	NH4Cl	Sulfuric	Na2S2O3			
SB-4 (0-2')	8-22-14	0800	X	X	SOIL	2	2	1	X	X							
Rinsate 3	8-22-14	0915		X	AQ	2			X								
SB-4 (20-22')	8-22-14	0929	X		SOIL	2	2	1	X	X							

TURNAROUND (INDICATE IN CALENDAR DAYS):

Standard HARD COPY E-MAIL
 EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

COMMENTS:

CONDITIONS UPON RECEIPT: (CHECK ONE)
 COOLED AMBIENT Upon Receipt at L/

CUSTODY TRANSFER	DATE	TIME
SAMPLER: <u>Andrew...</u>	8-22-14	1300
RECEIVED: <u>[Signature]</u>	8/22/14	1300
RELINQUISHED: <u>[Signature]</u>	8/22/14	1430
RECEIVED: <u>[Signature]</u>	8/22/14	1430
RELINQUISHED: <u>[Signature]</u>	8/22/14	1630
RECEIVED: <u>[Signature]</u>	8/22/14	1630

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

EA Engineering
2374 Post Road, Suite 102
Warwick, RI 02886-2242
Ron Mack

Report Number: E408M26
Project: Varieur School

Received Date: 08/22/2014
Report Date: 08/29/2014



Premier Laboratory, Inc
Authorized Signature



CT DPH #PH-0465
NJ DEP #CT007

EPA #CT00008
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

ME DHHS #CT0050
RI DOH #LAO00300

NH ELAP #2020
VT DOH #VT11549



101-000000431511

Report No: E408M26
Client: EA Engineering
Project: Varieur School

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Premier Laboratory received six samples from EA Engineering on 08/22/2014. The samples were analyzed for the following list of analyses in accordance with RI DOH regulations unless otherwise indicated:

Solids: Total Percent (%)
CLPOLM01

Volatiles by 8260C in SW by 5035A-L
8260C

Volatiles by 8260C in GW by 5030C
8260C

Non-Conformances:
Work Order:

None

Sample:

None

Analysis:

Sample 4, SB-1 (1-3'), Volatiles by 8260C: One internal standard was below quality control limits for the sample due to matrix interference. No detects were identified that were associated with this internal standard.

Premier Laboratory Analytical Data Report

Report No: E408M26
Date Received: 08/22/2014 16:30

Customer: EA Engineering
Project: Varieur School

Parameter	Result	DL	Units	Completed	By	Dilution
(1) SB-2 (0-2')						
Date Collected: 08/21/2014 10:03	Matrix: Solid					
Solids, Total Percent (%)	93		%	08/25/2014 17:35	KWA	
(2) SB-2 (25-27')						
Date Collected: 08/21/2014 11:25	Matrix: Solid					
Solids, Total Percent (%)	83		%	08/25/2014 17:35	KWA	
(4) SB-1 (1-3')						
Date Collected: 08/21/2014 14:15	Matrix: Solid					
Solids, Total Percent (%)	92		%	08/25/2014 17:35	KWA	
(5) Duplicate						
Date Collected: 08/21/2014	Matrix: Solid					
Solids, Total Percent (%)	92		%	08/25/2014 17:35	KWA	
(6) SB-1 (30-32')						
Date Collected: 08/21/2014 15:35	Matrix: Solid					
Solids, Total Percent (%)	92		%	08/25/2014 17:35	KWA	

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 1
 Sample Description: SB-2 (0-2')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 10:03
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 19:24 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 7.2
 Dilution Factor: 1
 Lab Data File: Q38836.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	38	ug/kg
107-13-1	Acrylonitrile	ND	3.8	ug/kg
71-43-2	Benzene	ND	3.8	ug/kg
108-86-1	Bromobenzene	ND	3.8	ug/kg
74-97-5	Bromochloromethane	ND	3.8	ug/kg
75-27-4	Bromodichloromethane	ND	3.8	ug/kg
75-25-2	Bromoform	ND	3.8	ug/kg
74-83-9	Bromomethane	ND	3.8	ug/kg
78-93-3	2-Butanone (MEK)	ND	7.6	ug/kg
104-51-8	n-Butylbenzene	ND	3.8	ug/kg
135-98-8	sec-Butylbenzene	ND	3.8	ug/kg
98-06-6	tert-Butylbenzene	ND	3.8	ug/kg
75-15-0	Carbon disulfide	ND	3.8	ug/kg
56-23-5	Carbon tetrachloride	ND	3.8	ug/kg
108-90-7	Chlorobenzene	ND	3.8	ug/kg
75-00-3	Chloroethane	ND	3.8	ug/kg
67-66-3	Chloroform	ND	3.8	ug/kg
74-87-3	Chloromethane	ND	3.8	ug/kg
95-49-8	2-Chlorotoluene	ND	3.8	ug/kg
106-43-4	4-Chlorotoluene	ND	3.8	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.8	ug/kg
124-48-1	Dibromochloromethane	ND	3.8	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	3.8	ug/kg
74-95-3	Dibromomethane	ND	3.8	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	3.8	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	3.8	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	3.8	ug/kg
75-71-8	Dichlorodifluoromethane	ND	3.8	ug/kg
75-34-3	1,1-Dichloroethane	ND	3.8	ug/kg
107-06-2	1,2-Dichloroethane	ND	3.8	ug/kg
75-35-4	1,1-Dichloroethene	ND	3.8	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	3.8	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	3.8	ug/kg
78-87-5	1,2-Dichloropropane	ND	3.8	ug/kg
142-28-9	1,3-Dichloropropane	ND	3.8	ug/kg
594-20-7	2,2-Dichloropropane	ND	3.8	ug/kg
563-58-6	1,1-Dichloropropene	ND	3.8	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	3.8	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	3.8	ug/kg
60-29-7	Diethyl ether	ND	3.8	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 1
 Sample Description: SB-2 (0-2')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 10:03
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 19:24 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 7.2
 Dilution Factor: 1
 Lab Data File: Q38836.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	38	ug/kg
100-41-4	Ethylbenzene	ND	3.8	ug/kg
87-68-3	Hexachlorobutadiene	ND	3.8	ug/kg
591-78-6	2-Hexanone	ND	7.6	ug/kg
98-82-8	Isopropylbenzene	ND	3.8	ug/kg
99-87-6	4-Isopropyltoluene	ND	3.8	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.8	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.6	ug/kg
75-09-2	Methylene chloride	ND	3.8	ug/kg
91-20-3	Naphthalene	ND	3.8	ug/kg
103-65-1	n-Propylbenzene	ND	3.8	ug/kg
100-42-5	Styrene	ND	3.8	ug/kg
109-99-9	Tetrahydrofuran	ND	3.8	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.8	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.8	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	3.8	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.8	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.8	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	3.8	ug/kg
108-88-3	Toluene	ND	3.8	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	3.8	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	3.8	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	3.8	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	3.8	ug/kg
79-01-6	Trichloroethene (TCE)	ND	3.8	ug/kg
75-69-4	Trichlorofluoromethane	ND	3.8	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	3.8	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	3.8	ug/kg
75-01-4	Vinyl chloride	ND	3.8	ug/kg
95-47-6	o-Xylene	ND	3.8	ug/kg
108-38-3	m,p-Xylenes	ND	7.6	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	91%	82%-120%	
Bromofluorobenzene	91%	70%-122%	
Toluene-d8	114%	77%-126%	

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 2
 Sample Description: SB-2 (25-27')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 11:25
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 19:48 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 17
 Dilution Factor: 1
 Lab Data File: Q38837.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	30	ug/kg
107-13-1	Acrylonitrile	ND	3.0	ug/kg
71-43-2	Benzene	ND	3.0	ug/kg
108-86-1	Bromobenzene	ND	3.0	ug/kg
74-97-5	Bromochloromethane	ND	3.0	ug/kg
75-27-4	Bromodichloromethane	ND	3.0	ug/kg
75-25-2	Bromoform	ND	3.0	ug/kg
74-83-9	Bromomethane	ND	3.0	ug/kg
78-93-3	2-Butanone (MEK)	ND	6.0	ug/kg
104-51-8	n-Butylbenzene	ND	3.0	ug/kg
135-98-8	sec-Butylbenzene	ND	3.0	ug/kg
98-06-6	tert-Butylbenzene	ND	3.0	ug/kg
75-15-0	Carbon disulfide	ND	3.0	ug/kg
56-23-5	Carbon tetrachloride	ND	3.0	ug/kg
108-90-7	Chlorobenzene	ND	3.0	ug/kg
75-00-3	Chloroethane	ND	3.0	ug/kg
67-66-3	Chloroform	ND	3.0	ug/kg
74-87-3	Chloromethane	ND	3.0	ug/kg
95-49-8	2-Chlorotoluene	ND	3.0	ug/kg
106-43-4	4-Chlorotoluene	ND	3.0	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.0	ug/kg
124-48-1	Dibromochloromethane	ND	3.0	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0	ug/kg
74-95-3	Dibromomethane	ND	3.0	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	3.0	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	3.0	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	3.0	ug/kg
75-71-8	Dichlorodifluoromethane	ND	3.0	ug/kg
75-34-3	1,1-Dichloroethane	ND	3.0	ug/kg
107-06-2	1,2-Dichloroethane	ND	3.0	ug/kg
75-35-4	1,1-Dichloroethene	ND	3.0	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	3.0	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	3.0	ug/kg
78-87-5	1,2-Dichloropropane	ND	3.0	ug/kg
142-28-9	1,3-Dichloropropane	ND	3.0	ug/kg
594-20-7	2,2-Dichloropropane	ND	3.0	ug/kg
563-58-6	1,1-Dichloropropene	ND	3.0	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	3.0	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	3.0	ug/kg
60-29-7	Diethyl ether	ND	3.0	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 2
 Sample Description: SB-2 (25-27')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 11:25
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 19:48 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 17
 Dilution Factor: 1
 Lab Data File: Q38837.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	30	ug/kg
100-41-4	Ethylbenzene	ND	3.0	ug/kg
87-68-3	Hexachlorobutadiene	ND	3.0	ug/kg
591-78-6	2-Hexanone	ND	6.0	ug/kg
98-82-8	Isopropylbenzene	ND	3.0	ug/kg
99-87-6	4-Isopropyltoluene	ND	3.0	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.0	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.0	ug/kg
75-09-2	Methylene chloride	ND	3.0	ug/kg
91-20-3	Naphthalene	ND	3.0	ug/kg
103-65-1	n-Propylbenzene	ND	3.0	ug/kg
100-42-5	Styrene	ND	3.0	ug/kg
109-99-9	Tetrahydrofuran	ND	3.0	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.0	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	3.0	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.0	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.0	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	3.0	ug/kg
108-88-3	Toluene	ND	3.0	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	3.0	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	3.0	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	3.0	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	3.0	ug/kg
79-01-6	Trichloroethene (TCE)	ND	3.0	ug/kg
75-69-4	Trichlorofluoromethane	ND	3.0	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	3.0	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	3.0	ug/kg
75-01-4	Vinyl chloride	ND	3.0	ug/kg
95-47-6	o-Xylene	ND	3.0	ug/kg
108-38-3	m,p-Xylenes	ND	6.0	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	92%	82%-120%	
Bromofluorobenzene	99%	70%-122%	
Toluene-d8	105%	77%-126%	

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 3
 Sample Description: Rinsate 2

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 12:05
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/28/2014 14:58 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38862.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 3
 Sample Description: Rinsate 2

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 12:05
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/28/2014 14:58 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38862.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	100%	80%-120%	
Bromofluorobenzene	101%	80%-120%	
Toluene-d8	98%	80%-120%	

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 4
 Sample Description: SB-1 (1-3')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 14:15
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 20:12 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.1
 Dilution Factor: 1
 Lab Data File: Q38838.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	29	ug/kg
107-13-1	Acrylonitrile	ND	2.9	ug/kg
71-43-2	Benzene	ND	2.9	ug/kg
108-86-1	Bromobenzene	ND	2.9	ug/kg
74-97-5	Bromochloromethane	ND	2.9	ug/kg
75-27-4	Bromodichloromethane	ND	2.9	ug/kg
75-25-2	Bromoform	ND	2.9	ug/kg
74-83-9	Bromomethane	ND	2.9	ug/kg
78-93-3	2-Butanone (MEK)	ND	5.9	ug/kg
104-51-8	n-Butylbenzene	ND	2.9	ug/kg
135-98-8	sec-Butylbenzene	ND	2.9	ug/kg
98-06-6	tert-Butylbenzene	ND	2.9	ug/kg
75-15-0	Carbon disulfide	ND	2.9	ug/kg
56-23-5	Carbon tetrachloride	ND	2.9	ug/kg
108-90-7	Chlorobenzene	ND	2.9	ug/kg
75-00-3	Chloroethane	ND	2.9	ug/kg
67-66-3	Chloroform	ND	2.9	ug/kg
74-87-3	Chloromethane	ND	2.9	ug/kg
95-49-8	2-Chlorotoluene	ND	2.9	ug/kg
106-43-4	4-Chlorotoluene	ND	2.9	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	2.9	ug/kg
124-48-1	Dibromochloromethane	ND	2.9	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	2.9	ug/kg
74-95-3	Dibromomethane	ND	2.9	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	2.9	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	2.9	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	2.9	ug/kg
75-71-8	Dichlorodifluoromethane	ND	2.9	ug/kg
75-34-3	1,1-Dichloroethane	ND	2.9	ug/kg
107-06-2	1,2-Dichloroethane	ND	2.9	ug/kg
75-35-4	1,1-Dichloroethene	ND	2.9	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	2.9	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	2.9	ug/kg
78-87-5	1,2-Dichloropropane	ND	2.9	ug/kg
142-28-9	1,3-Dichloropropane	ND	2.9	ug/kg
594-20-7	2,2-Dichloropropane	ND	2.9	ug/kg
563-58-6	1,1-Dichloropropene	ND	2.9	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	ug/kg
60-29-7	Diethyl ether	ND	2.9	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 4
 Sample Description: SB-1 (1-3')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 14:15
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 20:12 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.1
 Dilution Factor: 1
 Lab Data File: Q38838.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	29	ug/kg
100-41-4	Ethylbenzene	ND	2.9	ug/kg
87-68-3	Hexachlorobutadiene	ND	2.9	ug/kg
591-78-6	2-Hexanone	ND	5.9	ug/kg
98-82-8	Isopropylbenzene	ND	2.9	ug/kg
99-87-6	4-Isopropyltoluene	ND	2.9	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	2.9	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.9	ug/kg
75-09-2	Methylene chloride	ND	2.9	ug/kg
91-20-3	Naphthalene	ND	2.9	ug/kg
103-65-1	n-Propylbenzene	ND	2.9	ug/kg
100-42-5	Styrene	ND	2.9	ug/kg
109-99-9	Tetrahydrofuran	ND	2.9	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.9	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.9	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	2.9	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.9	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	2.9	ug/kg
108-88-3	Toluene	ND	2.9	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	2.9	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.9	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	2.9	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	2.9	ug/kg
79-01-6	Trichloroethene (TCE)	ND	2.9	ug/kg
75-69-4	Trichlorofluoromethane	ND	2.9	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	ug/kg
75-01-4	Vinyl chloride	ND	2.9	ug/kg
95-47-6	o-Xylene	ND	2.9	ug/kg
108-38-3	m,p-Xylenes	ND	5.9	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	90%	82%-120%	
Bromofluorobenzene	79%	70%-122%	
Toluene-d8	121%	77%-126%	

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 5
 Sample Description: Duplicate

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 00:00
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 20:36 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.1
 Dilution Factor: 1
 Lab Data File: Q38839.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	29	ug/kg
107-13-1	Acrylonitrile	ND	2.9	ug/kg
71-43-2	Benzene	ND	2.9	ug/kg
108-86-1	Bromobenzene	ND	2.9	ug/kg
74-97-5	Bromochloromethane	ND	2.9	ug/kg
75-27-4	Bromodichloromethane	ND	2.9	ug/kg
75-25-2	Bromoform	ND	2.9	ug/kg
74-83-9	Bromomethane	ND	2.9	ug/kg
78-93-3	2-Butanone (MEK)	ND	5.9	ug/kg
104-51-8	n-Butylbenzene	ND	2.9	ug/kg
135-98-8	sec-Butylbenzene	ND	2.9	ug/kg
98-06-6	tert-Butylbenzene	ND	2.9	ug/kg
75-15-0	Carbon disulfide	ND	2.9	ug/kg
56-23-5	Carbon tetrachloride	ND	2.9	ug/kg
108-90-7	Chlorobenzene	ND	2.9	ug/kg
75-00-3	Chloroethane	ND	2.9	ug/kg
67-66-3	Chloroform	ND	2.9	ug/kg
74-87-3	Chloromethane	ND	2.9	ug/kg
95-49-8	2-Chlorotoluene	ND	2.9	ug/kg
106-43-4	4-Chlorotoluene	ND	2.9	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	2.9	ug/kg
124-48-1	Dibromochloromethane	ND	2.9	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	2.9	ug/kg
74-95-3	Dibromomethane	ND	2.9	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	2.9	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	2.9	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	2.9	ug/kg
75-71-8	Dichlorodifluoromethane	ND	2.9	ug/kg
75-34-3	1,1-Dichloroethane	ND	2.9	ug/kg
107-06-2	1,2-Dichloroethane	ND	2.9	ug/kg
75-35-4	1,1-Dichloroethene	ND	2.9	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	2.9	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	2.9	ug/kg
78-87-5	1,2-Dichloropropane	ND	2.9	ug/kg
142-28-9	1,3-Dichloropropane	ND	2.9	ug/kg
594-20-7	2,2-Dichloropropane	ND	2.9	ug/kg
563-58-6	1,1-Dichloropropene	ND	2.9	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	ug/kg
60-29-7	Diethyl ether	ND	2.9	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 5
 Sample Description: Duplicate

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 00:00
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 20:36 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.1
 Dilution Factor: 1
 Lab Data File: Q38839.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	29	ug/kg
100-41-4	Ethylbenzene	ND	2.9	ug/kg
87-68-3	Hexachlorobutadiene	ND	2.9	ug/kg
591-78-6	2-Hexanone	ND	5.9	ug/kg
98-82-8	Isopropylbenzene	ND	2.9	ug/kg
99-87-6	4-Isopropyltoluene	ND	2.9	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	2.9	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.9	ug/kg
75-09-2	Methylene chloride	ND	2.9	ug/kg
91-20-3	Naphthalene	ND	2.9	ug/kg
103-65-1	n-Propylbenzene	ND	2.9	ug/kg
100-42-5	Styrene	ND	2.9	ug/kg
109-99-9	Tetrahydrofuran	ND	2.9	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.9	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.9	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	2.9	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.9	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	2.9	ug/kg
108-88-3	Toluene	ND	2.9	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	2.9	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.9	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	2.9	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	2.9	ug/kg
79-01-6	Trichloroethene (TCE)	ND	2.9	ug/kg
75-69-4	Trichlorofluoromethane	ND	2.9	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	ug/kg
75-01-4	Vinyl chloride	ND	2.9	ug/kg
95-47-6	o-Xylene	ND	2.9	ug/kg
108-38-3	m,p-Xylenes	ND	5.9	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	99%	82%-120%	
Bromofluorobenzene	86%	70%-122%	
Toluene-d8	115%	77%-126%	

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 6
 Sample Description: SB-1 (30-32')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 15:35
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 21:00 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 7.9
 Dilution Factor: 1
 Lab Data File: Q38840.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	34	ug/kg
107-13-1	Acrylonitrile	ND	3.4	ug/kg
71-43-2	Benzene	ND	3.4	ug/kg
108-86-1	Bromobenzene	ND	3.4	ug/kg
74-97-5	Bromochloromethane	ND	3.4	ug/kg
75-27-4	Bromodichloromethane	ND	3.4	ug/kg
75-25-2	Bromoform	ND	3.4	ug/kg
74-83-9	Bromomethane	ND	3.4	ug/kg
78-93-3	2-Butanone (MEK)	ND	6.8	ug/kg
104-51-8	n-Butylbenzene	ND	3.4	ug/kg
135-98-8	sec-Butylbenzene	ND	3.4	ug/kg
98-06-6	tert-Butylbenzene	ND	3.4	ug/kg
75-15-0	Carbon disulfide	ND	3.4	ug/kg
56-23-5	Carbon tetrachloride	ND	3.4	ug/kg
108-90-7	Chlorobenzene	ND	3.4	ug/kg
75-00-3	Chloroethane	ND	3.4	ug/kg
67-66-3	Chloroform	ND	3.4	ug/kg
74-87-3	Chloromethane	ND	3.4	ug/kg
95-49-8	2-Chlorotoluene	ND	3.4	ug/kg
106-43-4	4-Chlorotoluene	ND	3.4	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	3.4	ug/kg
124-48-1	Dibromochloromethane	ND	3.4	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	3.4	ug/kg
74-95-3	Dibromomethane	ND	3.4	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	3.4	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	3.4	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	3.4	ug/kg
75-71-8	Dichlorodifluoromethane	ND	3.4	ug/kg
75-34-3	1,1-Dichloroethane	ND	3.4	ug/kg
107-06-2	1,2-Dichloroethane	ND	3.4	ug/kg
75-35-4	1,1-Dichloroethene	ND	3.4	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	3.4	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	3.4	ug/kg
78-87-5	1,2-Dichloropropane	ND	3.4	ug/kg
142-28-9	1,3-Dichloropropane	ND	3.4	ug/kg
594-20-7	2,2-Dichloropropane	ND	3.4	ug/kg
563-58-6	1,1-Dichloropropene	ND	3.4	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	3.4	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	ug/kg
60-29-7	Diethyl ether	ND	3.4	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408M26
 Sample No: 6
 Sample Description: SB-1 (30-32')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/21/2014 15:35
 Date Received: 08/22/2014 16:30
 Date Analyzed: 08/26/2014 21:00 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 7.9
 Dilution Factor: 1
 Lab Data File: Q38840.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	34	ug/kg
100-41-4	Ethylbenzene	ND	3.4	ug/kg
87-68-3	Hexachlorobutadiene	ND	3.4	ug/kg
591-78-6	2-Hexanone	ND	6.8	ug/kg
98-82-8	Isopropylbenzene	ND	3.4	ug/kg
99-87-6	4-Isopropyltoluene	ND	3.4	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	3.4	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.8	ug/kg
75-09-2	Methylene chloride	ND	3.4	ug/kg
91-20-3	Naphthalene	ND	3.4	ug/kg
103-65-1	n-Propylbenzene	ND	3.4	ug/kg
100-42-5	Styrene	ND	3.4	ug/kg
109-99-9	Tetrahydrofuran	ND	3.4	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.4	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.4	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	3.4	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.4	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.4	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	3.4	ug/kg
108-88-3	Toluene	ND	3.4	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	3.4	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	3.4	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	3.4	ug/kg
79-01-6	Trichloroethene (TCE)	ND	3.4	ug/kg
75-69-4	Trichlorofluoromethane	ND	3.4	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	3.4	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	3.4	ug/kg
75-01-4	Vinyl chloride	ND	3.4	ug/kg
95-47-6	o-Xylene	ND	3.4	ug/kg
108-38-3	m,p-Xylenes	ND	6.8	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	97%	82%-120%	
Bromofluorobenzene	99%	70%-122%	
Toluene-d8	103%	77%-126%	

Chain of Custody

WWW.PREMIERLABORATORY.COM

Lab WO#: E408M26

Project Manager: AMC

Copy of Report To

CUSTOMER: EA Engineering
 ADDRESS: 2374 Post Rd. Suite 102
Warwick, RI 02886
 ATTENTION: Ron Mack
 E-MAIL: rmack@east.com
 PHONE: 401-736-3440 Fax: _____

Billing Information

BILL TO: RI DEM
 ADDRESS: 235 Promenade St.
Providence, RI
 ATTENTION: Joe Martella
 TELEPHONE: 401-222-4700 x 7109
 PURCHASE ORDER #: 3383388

Project Information

Project: Various Elementry
 Project Location: Pawtucket, RI
 Project Manager: Ron Mack
 IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
 EMAIL: see report info

TELEPHONE: _____

Fax: _____

Sample Identification	Date Collected	Time Collected	Sample Type		Sample Matrix	VOC 8260	VOC 8260 (low level)	Analysis	Preservatives					
			COMPOSITE	GRAB					Non-pres	HCL	NO2 MeOH	NH4Cl	Sulfuric	Na2S2O3
SB-2 (0-2')	8-21-14	1003	X		SOIL	2	2		X	X				
SB-2 (25-27')	8-21-14	1125	X		SOIL	2	2		X	X				
Rinsate 2	8-21-14	1205		X	AQ	2					X			
SB-1 (1-3')	8-21-14	1415	X		SOIL	2	2		X	X				
Duplicate	8-21-14	1400:00	X		SOIL	2	2		X	X				
SB-1 (30-32')	8-21-14	1535	X		SOIL	2	2		X	X				

TURNAROUND (INDICATE IN CALENDAR DAYS):

Standard _____ HARD COPY _____ E-MAIL _____

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

COMMENTS: _____

CUSTODY TRANSFER	DATE	TIME
SAMPLER: <u>Catherine Swann (EA)</u>	8-21-14	1753
RECEIVED: <u>Phil Chalk</u>	8/21/14	1753
RELINQUISHED: <u>Phil Chalk</u>	8/22/14	9:11
RECEIVED: <u>Molly Ranz</u>	8/22/14	9:11
RELINQUISHED: <u>Molly Ranz</u>	8/22/14	16:30
RECEIVED: <u>Andrew Worle</u>	8/22/14	1630

CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED AMBIENT Upon Receipt at L/

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

EA Engineering
2374 Post Road, Suite 102
Warwick, RI 02886-2242
Ron Mack

Report Number: E408L11
Project: Varieur School

Received Date: 08/21/2014
Report Date: 08/29/2014



Premier Laboratory, Inc
Authorized Signature



CT DPH #PH-0465
NJ DEP #CT007

EPA #CT00008
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

ME DHHS #CT0050
RI DOH #LAO00300

NH ELAP #2020
VT DOH #VT11549



101-000000431347

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E408L11
Client: EA Engineering
Project: Varieur School

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Premier Laboratory received three samples from EA Engineering on 08/21/2014. The samples were analyzed for the following list of analyses in accordance with RI DOH regulations unless otherwise indicated:

Solids: Total Percent (%)

CLPOLM01

Volatiles by 8260C in SW by 5035A-L

8260C

Volatiles by 8260C in GW by 5030C

8260C

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Premier Laboratory Analytical Data Report

Report No: E408L11
Date Received: 08/21/2014 16:40

Customer: EA Engineering
Project: Varieur School

<u>Parameter</u>	<u>Result</u>	<u>DL</u>	<u>Units</u>	<u>Completed</u>	<u>By</u>	<u>Dilution</u>
(1) SB-3 (0-2')						
Date Collected: 08/20/2014 08:48						
Matrix: Solid						
Solids, Total Percent (%)	92		%	08/25/2014 17:35	KWA	
(3) SB-3 (20-22')						
Date Collected: 08/20/2014 11:39						
Matrix: Solid						
Solids, Total Percent (%)	93		%	08/25/2014 17:35	KWA	

Premier Laboratory

Analytical Data Report

Report No: E408L11
 Sample No: 1
 Sample Description: SB-3 (0-2')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/20/2014 08:48
 Date Received: 08/21/2014 16:40
 Date Analyzed: 08/28/2014 14:09 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.0
 Dilution Factor: 50
 Lab Data File: Q38860.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	330	ug/kg
107-13-1	Acrylonitrile	ND	330	ug/kg
71-43-2	Benzene	ND	330	ug/kg
108-86-1	Bromobenzene	ND	330	ug/kg
74-97-5	Bromochloromethane	ND	330	ug/kg
75-27-4	Bromodichloromethane	ND	330	ug/kg
75-25-2	Bromoform	ND	330	ug/kg
74-83-9	Bromomethane	ND	330	ug/kg
78-93-3	2-Butanone (MEK)	ND	670	ug/kg
104-51-8	n-Butylbenzene	ND	330	ug/kg
135-98-8	sec-Butylbenzene	ND	330	ug/kg
98-06-6	tert-Butylbenzene	ND	330	ug/kg
75-15-0	Carbon disulfide	ND	330	ug/kg
56-23-5	Carbon tetrachloride	ND	330	ug/kg
108-90-7	Chlorobenzene	ND	330	ug/kg
75-00-3	Chloroethane	ND	330	ug/kg
67-66-3	Chloroform	ND	330	ug/kg
74-87-3	Chloromethane	ND	330	ug/kg
95-49-8	2-Chlorotoluene	ND	330	ug/kg
106-43-4	4-Chlorotoluene	ND	330	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	330	ug/kg
124-48-1	Dibromochloromethane	ND	330	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	330	ug/kg
74-95-3	Dibromomethane	ND	330	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	330	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	330	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	330	ug/kg
75-71-8	Dichlorodifluoromethane	ND	330	ug/kg
75-34-3	1,1-Dichloroethane	ND	330	ug/kg
107-06-2	1,2-Dichloroethane	ND	330	ug/kg
75-35-4	1,1-Dichloroethene	ND	330	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	330	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	330	ug/kg
78-87-5	1,2-Dichloropropane	ND	330	ug/kg
142-28-9	1,3-Dichloropropane	ND	330	ug/kg
594-20-7	2,2-Dichloropropane	ND	330	ug/kg
563-58-6	1,1-Dichloropropene	ND	330	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	330	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	330	ug/kg
60-29-7	Diethyl ether	ND	330	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408L11
 Sample No: 1
 Sample Description: SB-3 (0-2')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/20/2014 08:48
 Date Received: 08/21/2014 16:40
 Date Analyzed: 08/28/2014 14:09 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 8.0
 Dilution Factor: 50
 Lab Data File: Q38860.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	3300	ug/kg
100-41-4	Ethylbenzene	ND	330	ug/kg
87-68-3	Hexachlorobutadiene	ND	330	ug/kg
591-78-6	2-Hexanone	ND	670	ug/kg
98-82-8	Isopropylbenzene	ND	330	ug/kg
99-87-6	4-Isopropyltoluene	ND	330	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	330	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	670	ug/kg
75-09-2	Methylene chloride	ND	330	ug/kg
91-20-3	Naphthalene	1900	330	ug/kg
103-65-1	n-Propylbenzene	ND	330	ug/kg
100-42-5	Styrene	ND	330	ug/kg
109-99-9	Tetrahydrofuran	ND	330	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	330	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	330	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	330	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	330	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	330	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	330	ug/kg
108-88-3	Toluene	ND	330	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	330	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	330	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	330	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	330	ug/kg
79-01-6	Trichloroethene (TCE)	ND	330	ug/kg
75-69-4	Trichlorofluoromethane	ND	330	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	330	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	330	ug/kg
75-01-4	Vinyl chloride	ND	330	ug/kg
95-47-6	o-Xylene	ND	330	ug/kg
108-38-3	m,p-Xylenes	ND	670	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	97%	82%-120%	
Bromofluorobenzene	101%	70%-122%	
Toluene-d8	97%	77%-126%	

Premier Laboratory

Analytical Data Report

Report No: E408L11
 Sample No: 2
 Sample Description: Rinsate 1

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/20/2014 14:50
 Date Received: 08/21/2014 16:40
 Date Analyzed: 08/28/2014 14:34 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38861.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408L11
 Sample No: 2
 Sample Description: Rinsate 1

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/20/2014 14:50
 Date Received: 08/21/2014 16:40
 Date Analyzed: 08/28/2014 14:34 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38861.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	98%	80%-120%	
Bromofluorobenzene	99%	80%-120%	
Toluene-d8	97%	80%-120%	

Premier Laboratory

Analytical Data Report

Report No: E408L11
 Sample No: 3
 Sample Description: SB-3 (20-22')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/20/2014 11:39
 Date Received: 08/21/2014 16:40
 Date Analyzed: 08/26/2014 18:59 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 7.3
 Dilution Factor: 1
 Lab Data File: Q38835.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	54	ug/kg
107-13-1	Acrylonitrile	ND	5.4	ug/kg
71-43-2	Benzene	ND	5.4	ug/kg
108-86-1	Bromobenzene	ND	5.4	ug/kg
74-97-5	Bromochloromethane	ND	5.4	ug/kg
75-27-4	Bromodichloromethane	ND	5.4	ug/kg
75-25-2	Bromoform	ND	5.4	ug/kg
74-83-9	Bromomethane	ND	5.4	ug/kg
78-93-3	2-Butanone (MEK)	ND	11	ug/kg
104-51-8	n-Butylbenzene	ND	5.4	ug/kg
135-98-8	sec-Butylbenzene	ND	5.4	ug/kg
98-06-6	tert-Butylbenzene	ND	5.4	ug/kg
75-15-0	Carbon disulfide	ND	5.4	ug/kg
56-23-5	Carbon tetrachloride	ND	5.4	ug/kg
108-90-7	Chlorobenzene	ND	5.4	ug/kg
75-00-3	Chloroethane	ND	5.4	ug/kg
67-66-3	Chloroform	ND	5.4	ug/kg
74-87-3	Chloromethane	ND	5.4	ug/kg
95-49-8	2-Chlorotoluene	ND	5.4	ug/kg
106-43-4	4-Chlorotoluene	ND	5.4	ug/kg
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.4	ug/kg
124-48-1	Dibromochloromethane	ND	5.4	ug/kg
106-93-4	1,2-Dibromoethane (EDB)	ND	5.4	ug/kg
74-95-3	Dibromomethane	ND	5.4	ug/kg
95-50-1	1,2-Dichlorobenzene	ND	5.4	ug/kg
541-73-1	1,3-Dichlorobenzene	ND	5.4	ug/kg
106-46-7	1,4-Dichlorobenzene	ND	5.4	ug/kg
75-71-8	Dichlorodifluoromethane	ND	5.4	ug/kg
75-34-3	1,1-Dichloroethane	ND	5.4	ug/kg
107-06-2	1,2-Dichloroethane	ND	5.4	ug/kg
75-35-4	1,1-Dichloroethene	ND	5.4	ug/kg
156-59-2	cis-1,2-Dichloroethene	ND	5.4	ug/kg
156-60-5	trans-1,2-Dichloroethene	ND	5.4	ug/kg
78-87-5	1,2-Dichloropropane	ND	5.4	ug/kg
142-28-9	1,3-Dichloropropane	ND	5.4	ug/kg
594-20-7	2,2-Dichloropropane	ND	5.4	ug/kg
563-58-6	1,1-Dichloropropene	ND	5.4	ug/kg
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	ug/kg
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	ug/kg
60-29-7	Diethyl ether	ND	5.4	ug/kg

Premier Laboratory

Analytical Data Report

Report No: E408L11
 Sample No: 3
 Sample Description: SB-3 (20-22')

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/20/2014 11:39
 Date Received: 08/21/2014 16:40
 Date Analyzed: 08/26/2014 18:59 By: RSD
 Analytical Method: 8260C

Matrix: Solid
 Percent Moisture: 7.3
 Dilution Factor: 1
 Lab Data File: Q38835.D
 QC Batch#: 120967

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	54	ug/kg
100-41-4	Ethylbenzene	ND	5.4	ug/kg
87-68-3	Hexachlorobutadiene	ND	5.4	ug/kg
591-78-6	2-Hexanone	ND	11	ug/kg
98-82-8	Isopropylbenzene	ND	5.4	ug/kg
99-87-6	4-Isopropyltoluene	ND	5.4	ug/kg
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.4	ug/kg
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11	ug/kg
75-09-2	Methylene chloride	ND	5.4	ug/kg
91-20-3	Naphthalene	ND	5.4	ug/kg
103-65-1	n-Propylbenzene	ND	5.4	ug/kg
100-42-5	Styrene	ND	5.4	ug/kg
109-99-9	Tetrahydrofuran	ND	5.4	ug/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.4	ug/kg
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.4	ug/kg
96-18-4	1,2,3-Trichloropropane	ND	5.4	ug/kg
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4	ug/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg
127-18-4	Tetrachloroethene (PCE)	ND	5.4	ug/kg
108-88-3	Toluene	ND	5.4	ug/kg
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	ug/kg
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	ug/kg
71-55-6	1,1,1-Trichloroethane	ND	5.4	ug/kg
79-00-5	1,1,2-Trichloroethane	ND	5.4	ug/kg
79-01-6	Trichloroethene (TCE)	ND	5.4	ug/kg
75-69-4	Trichlorofluoromethane	ND	5.4	ug/kg
95-63-6	1,2,4-Trimethylbenzene	ND	5.4	ug/kg
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	ug/kg
75-01-4	Vinyl chloride	ND	5.4	ug/kg
95-47-6	o-Xylene	ND	5.4	ug/kg
108-38-3	m,p-Xylenes	ND	11	ug/kg

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	89%	82%-120%	
Bromofluorobenzene	98%	70%-122%	
Toluene-d8	107%	77%-126%	

Chain of Custody

WWW.PREMIERLABORATORY.COM

Lab WO#: E408L11
 Project Manager: AMC

Copy of Report To

CUSTOMER: EA ENGINEERING
 ADDRESS: 2374 East Rd, Suite 102
Warwick RI 02886
 ATTENTION: CATHERINE SWANSON
 E-MAIL: CATHERINESWANSON@EAEST.COM
 PHONE: 401-734-3440 Fax: x1810

Billing Information

BILL TO: RIDEM
 ADDRESS: 235 PENNACRE ST.
PROVIDENCE RI 02908
 ATTENTION: JOE MARIELLA
 TELEPHONE: 401-222-2797 x7109
 PURCHASE ORDER #:

Project Information

Project: VALEUR Subor
 Project Location: PAWUCKET, RI
 Project Manager: RON MAXX (EA)
 IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
 EMAIL: Smack@eaest.com
 TELEPHONE: 401-736-3440x1807
 Fax: 401-736-3423

Sample Identification	Date Collected	Time Collected	Sample Type		Sample Matrix	VOC by 8260	VOC low level by 8260	% Solids	Analysis				Preservatives				
			COMPOSITE	GRAB					Non-pres	HCL	MNO3 MeOH	NH4Cl	Sulfuric	Na2S2O3			
SB-3 (0-2')	8-20-14	0848	X		Soil	2	2	1			X						
Rinsate 1	8-20-14	1450		X	AQ	2											
SB-3 (20-22')	8-20-14	(139)	X		Soil	2	2	1			X						

TURNAROUND (INDICATE IN CALENDAR DAYS):

Standard _____ HARD COPY _____ E-MAIL _____

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

COMMENTS:

CONDITIONS UPON RECEIPT: (CHECK ONE)
 COOLED AMBIENT Upon Receipt at L

CUSTODY TRANSFER	DATE	TIME
SAMPLER: <u>Catherine</u>	8-20-14	1550
RECEIVED: <u>EA Sample fridge</u>	8-20-14	1550
RELINQUISHED: <u>Ellen</u>	8/21/14	1045
RECEIVED: <u>Molly Kunch</u>	8/21/14	1045
RELINQUISHED: <u>Molly Kunch</u>	8/21/14	1040
RECEIVED: <u>Michael Dore</u>	8/21/14	1640

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

EA Engineering
2374 Post Road, Suite 102
Warwick, RI 02886-2242
Ron Mack

Report Number: E408O42
Project: Varieur School

Received Date: 08/26/2014
Report Date: 08/29/2014



Premier Laboratory, Inc
Authorized Signature



CT DPH #PH-0465
NJ DEP #CT007

EPA #CT00008
NY ELAP #11549

MA DEP #M-CT008
PA DEP #68-04413

ME DHHS #CT0050
RI DOH #LAO00300

NH ELAP #2020
VT DOH #VT11549



101-000000431818

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E408O42
Client: EA Engineering
Project: Varieur School

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Premier Laboratory received five samples from EA Engineering on 08/26/2014. The samples were analyzed for the following list of analyses in accordance with RI DOH regulations unless otherwise indicated:

Volatiles by 8260C in GW by 5030C
8260C

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Premier Laboratory Analytical Data Report

Report No: E408O42
 Sample No: 1
 Sample Description: MW-3

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 13:10
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 15:46 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38864.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408O42
 Sample No: 1
 Sample Description: MW-3

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 13:10
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 15:46 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38864.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	99%	80%-120%	
Bromofluorobenzene	100%	80%-120%	
Toluene-d8	98%	80%-120%	

Premier Laboratory Analytical Data Report

Report No: E408O42
 Sample No: 2
 Sample Description: MW-2

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 13:47
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 16:11 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38865.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	47	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408O42
 Sample No: 2
 Sample Description: MW-2

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 13:47
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 16:11 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38865.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	100%	80%-120%	
Bromofluorobenzene	100%	80%-120%	
Toluene-d8	96%	80%-120%	

Premier Laboratory Analytical Data Report

Report No: E408O42
 Sample No: 3
 Sample Description: MW-4

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 14:38
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 16:35 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38866.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408O42
 Sample No: 3
 Sample Description: MW-4

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 14:38
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 16:35 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38866.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	98%	80%-120%	
Bromofluorobenzene	100%	80%-120%	
Toluene-d8	98%	80%-120%	

Premier Laboratory Analytical Data Report

Report No: E408O42
 Sample No: 4
 Sample Description: Duplicate

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 00:01
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 16:59 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38867.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408O42
 Sample No: 4
 Sample Description: Duplicate

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 00:01
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 16:59 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38867.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	94%	80%-120%	
Bromofluorobenzene	98%	80%-120%	
Toluene-d8	97%	80%-120%	

Premier Laboratory

Analytical Data Report

Report No: E408O42
 Sample No: 5
 Sample Description: Trip Blank

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 08:00
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 13:45 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38859.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
67-64-1	Acetone	ND	10	ug/L
107-13-1	Acrylonitrile	ND	5.0	ug/L
71-43-2	Benzene	ND	5.0	ug/L
108-86-1	Bromobenzene	ND	5.0	ug/L
74-97-5	Bromochloromethane	ND	5.0	ug/L
75-27-4	Bromodichloromethane	ND	5.0	ug/L
75-25-2	Bromoform	ND	5.0	ug/L
74-83-9	Bromomethane	ND	5.0	ug/L
78-93-3	2-Butanone (MEK)	ND	10	ug/L
104-51-8	n-Butylbenzene	ND	5.0	ug/L
135-98-8	sec-Butylbenzene	ND	5.0	ug/L
98-06-6	tert-Butylbenzene	ND	5.0	ug/L
75-15-0	Carbon disulfide	ND	5.0	ug/L
56-23-5	Carbon tetrachloride	ND	5.0	ug/L
108-90-7	Chlorobenzene	ND	5.0	ug/L
75-00-3	Chloroethane	ND	5.0	ug/L
67-66-3	Chloroform	ND	5.0	ug/L
74-87-3	Chloromethane	ND	5.0	ug/L
95-49-8	2-Chlorotoluene	ND	5.0	ug/L
106-43-4	4-Chlorotoluene	ND	5.0	ug/L
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
124-48-1	Dibromochloromethane	ND	5.0	ug/L
106-93-4	1,2-Dibromoethane (EDB)	ND	5.0	ug/L
74-95-3	Dibromomethane	ND	5.0	ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/L
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/L
75-34-3	1,1-Dichloroethane	ND	5.0	ug/L
107-06-2	1,2-Dichloroethane	ND	5.0	ug/L
75-35-4	1,1-Dichloroethene	ND	5.0	ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/L
78-87-5	1,2-Dichloropropane	ND	5.0	ug/L
142-28-9	1,3-Dichloropropane	ND	5.0	ug/L
594-20-7	2,2-Dichloropropane	ND	5.0	ug/L
563-58-6	1,1-Dichloropropene	ND	5.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/L
60-29-7	Diethyl ether	ND	5.0	ug/L

Premier Laboratory

Analytical Data Report

Report No: E408O42
 Sample No: 5
 Sample Description: Trip Blank

Customer: EA Engineering
 Project: Varieur School

Date Collected: 08/25/2014 08:00
 Date Received: 08/26/2014 16:15
 Date Analyzed: 08/28/2014 13:45 By: RSD
 Analytical Method: 8260C

Matrix: Aqueous
 Percent Moisture: N/A
 Dilution Factor: 1
 Lab Data File: Q38859.D
 QC Batch#: 121023

CAS No.	Parameter	Result	DL	Units
123-91-1	1,4-Dioxane	ND	50	ug/L
100-41-4	Ethylbenzene	ND	5.0	ug/L
87-68-3	Hexachlorobutadiene	ND	5.0	ug/L
591-78-6	2-Hexanone	ND	10	ug/L
98-82-8	Isopropylbenzene	ND	5.0	ug/L
99-87-6	4-Isopropyltoluene	ND	5.0	ug/L
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
75-09-2	Methylene chloride	ND	5.0	ug/L
91-20-3	Naphthalene	ND	5.0	ug/L
103-65-1	n-Propylbenzene	ND	5.0	ug/L
100-42-5	Styrene	ND	5.0	ug/L
109-99-9	Tetrahydrofuran	ND	5.0	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	ug/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
127-18-4	Tetrachloroethene (PCE)	ND	5.0	ug/L
108-88-3	Toluene	ND	5.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/L
79-01-6	Trichloroethene (TCE)	ND	5.0	ug/L
75-69-4	Trichlorofluoromethane	ND	5.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/L
75-01-4	Vinyl chloride	ND	5.0	ug/L
95-47-6	o-Xylene	ND	5.0	ug/L
108-38-3	m,p-Xylenes	ND	10	ug/L

Sample QC			
Surrogate	Recovery	QC Limits	
1,2-Dichloroethane-d4	96%	80%-120%	
Bromofluorobenzene	102%	80%-120%	
Toluene-d8	98%	80%-120%	

Chain of Custody

WWW.PREMIERLABORATORY.COM

Lab WO#: E 408042

Project Manager: [Signature]

Copy of Report To

CUSTOMER: EA Engineering
 ADDRESS: 2374 Post Rd, Suite 102
Warwick, RI
 ATTENTION: Ron Mack
 E-MAIL: rmack@eaest.com
 PHONE: 401-736-3440 Fax: _____

Billing Information

BILL TO: RI DEM
 ADDRESS: 235 Promenade St
Providence, RI
 ATTENTION: Joe Martella
 TELEPHONE: 401-222-2197 X7109
 PURCHASE ORDER #: 3383388

Project Information

Project: Varieur Elementary
 Project Location: Pawtucket, RI
 Project Manager: Ron Mack
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
 EMAIL: see report info
 TELEPHONE: _____
 Fax: _____

Sample Identification	Date Collected	Time Collected	Sample Type		Sample Matrix	Analysis	Preservatives										
			COMPOSITE	GRAB			Non-pres	HCL	HNO3	NH4Cl	Sulfuric	Na2S2O3					
MW-3	8-25-14	1310		X	GW												
MW-2	8-25-14	1347		X	GW												
MW-4	8-25-14	1438		X	GW												
Duplicate	8-25-14	00:00		X	GW												
Trip Blank	8-25-14	0800		X	AQ												
SCANNED																	

TURNAROUND (INDICATE IN CALENDAR DAYS):
Standard HARD COPY E-MAIL
 EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

CUSTODY TRANSFER	DATE	TIME
SAMPLER:		
RECEIVED:		
RELINQUISHED: <u>[Signature]</u>	8/26/14	9:05
RECEIVED: <u>Molly Kanel</u>	8/26/14	9:05
RELINQUISHED: <u>Molly Kanel</u>	8/26/14	10:15
RECEIVED: <u>[Signature]</u>	8/26/14	10:15

COMMENTS: _____

CONDITIONS UPON RECEIPT: (CHECK ONE)
 COOLED AMBIENT Upon Receipt at Lr

Appendix H

Boring Logs

<p>EA Engineering, Science, and Technology, Inc.</p> <p>LOG OF SOIL BORING</p> <p>Coordinates: Northing <u>285051.61</u> Easting: <u>359962.93</u></p> <p>Surface Elevation: <u>97.81</u></p> <p>Depth Below Surface: <u>approximately 6 in.</u></p> <p>Reference Elevation: <u>100.00</u></p> <p>Well Description: <u>MW-4 assigned</u></p>	Job No. 1499306	Client: Rhode Island DEM Project: Varietur Elementry	Location: 468 Pleasant St, Pawtucket RI
	Drilling Method: Hollow Stem Auger with Air Hammer		Soil Boring Number: MW-3
	Sampling Method: Split Spoon		Sheet 1 of 1
	Water Level: ~28 ~23 22.07 Time: 1430 0742 735 Date: 8/20/2014 8/21/2014 8/22/2014		Start Finish DATE 8/20/14 DATE 8/21/14 TIME 0833 TIME 0930

Blow Counts (140-lb)	In. Recvrd/ In. Driven	Boring Diagram	PID (ppm)	Depth		Surface Conditions:
				in	Feet	
	5/24	Concrete	0.147	0	0-2'	asphalt clear, sunny 70-80 deg
				1		Dry, brown silt and fine sand. Some fine gravel and asphalt fragments. Sample preserved for VOC, low level VOC, and % solids
				2		
				3		
				4		
28	12/24		0.053	5	5-7'	Dry, brown and light grey sandy silt. Some fine gravel and rock fragments.
38				6		
42				7		
28				8		
				9		
50	10/12		0.071	10	10-12'	Dry, brown and light grey sandy silt and angular rock fragments. Spoon refusal at 11 feet on a rock.
120 for 6"				11		
-				12		
-				13		Auger refusal. Initiate air hammer
				14		
11	15/24		0.064	15		Switch back to auger usage, air hammer not needed. Boulder broken up.
63				16	15-17'	Dry to damp light grey silt. Some varied sand. Trace clay in a 1" thick layer at 16". Angular rock fragments.
59				17		
57				18		
				19		
15	19/24		0.097	20	20-22'	Dry to damp light grey silt with some fine gravel and rock fragments. Bottom half of sample damp with trace clay. Sample preserved for VOC, low level VOC, and % solids
36				21		
34				22		
93				23		Auger refusal. Initiate air hammer. Subsurface material exhibits signs of weathered bedrock
				24		
				25		
				26		
				27		
				28		
				29		
				30		
				31		Air hammer progress slows, subsurface material exhibits signs of competent bedrock
				32		
				33		
				34		End of exploration

Monitoring Well Construction Information Monitoring Well Diameter: <u>2</u> in Bottom of Monitoring Well: <u>34</u> ft bgs Stick Up or Flush Mount: _____ Flush Mount Screen Interval: <u>22</u> To <u>34</u> ft bgs Riser Interval: <u>22</u> To <u>0</u> ft bgs Sand Pack Interval: <u>34</u> To <u>20</u> ft bgs Bentonite Seal: <u>20</u> To <u>18</u> ft bgs Grout Interval: <u>N/A</u> To <u>N/A</u> ft bgs	Soil Vapor Point Installation Information Depth of Soil Vapor Point: _____ ft Bottom of Tubing: _____ ft Top of Sand Pack: _____ ft Top of Bentonite Seal: _____ ft
--	--

Logged by: <u>Catherine Swanson</u> Date: <u>8/20/14 - 8/21/14</u> Drilling Contractor: <u>GeoLogic</u> Driller: <u>Glen / John</u>
--



EA Engineering, Science, and Technology, Inc.

Job No. 1499306 Client: Rhode Island DEM
Project: Varietur Elementry

Location: 468 Pleasant St, Pawtucket RI

Drilling Method: Hollow Stem Auger with Air Hammer

Soil Boring Number: MW-2

Sampling Method: Split Spoon

Sheet 1 of 1

Coordinates: Northing 285206.98 Easting: 360331.13

Surface Elevation: 92.74

Depth Below Surface: approximately 6 in.

Reference Elevation: 100.00

Well Description: MW-4 assigned

Water Level: ~27 32.35

Drilling Start Finish

Time: 1125 0815

DATE 8/21/14 DATE 8/21/14

Date: 8/21/2014 8/22/2014

TIME 0930 TIME 1330

Blow Counts (140-lb)	In. Recvrd/ In. Driven	Boring Diagram	PID (ppm)	Depth		Surface Conditions:
				in	Feet	
6	6/24	Concrete	0.022	0	0	grass
5				0-2: Dry, brown topsoil with roots and organic matter. Some sand and rock fragments at base of sample.		
15				1	Sample preserved for VOC, low level VOC, and % solids	
17				2		
				3		
				4		
				5		
				6		
				7		
				8		
				9		
				10		
				11		
				12		
16				20/24	Native Material	0.026
20	16					
24	17					
14	18					
	14/24	Bentonite	0.033	20	20-22: Dry, light tan fine sand with trace silt. Very uniform.	
9				21		
8				22		
8				23		
11	24/24	#1 Sand	0.062	25	25-27: Damp, light brown silt. Compact and uniform. Base of sample is saturated. .	
				26	Sample preserved for VOC, low level VOC, and % solids	
12				27		
12				28		
14	13/24	#1 Sand	0.038	29		
11				30	30-32: SAA, saturated.	
13				31		
16				32		
16				33		
				34	End of exploration	

Monitoring Well Construction Information			
Monitoring Well Diameter:	2	in	
Bottom of Monitoring Well:	35	ft bgs	
Stick Up or Flush Mount:		Flush Mount	
Screen Interval:	35	To	25 ft bgs
Riser Interval:	25	To	0 ft bgs
Sand Pack Interval:	35	To	23 ft bgs
Bentonite Seal:	23	To	21 ft bgs
Grout Interval:	N/A	To	N/A ft bgs

Soil Vapor Point Installation Information	
Depth of Soil Vapor Point:	ft
Bottom of Tubing:	ft
Top of Sand Pack:	ft
Top of Bentonite Seal:	ft

Logged by: Catherine Swanson Date: 8/21/14
Drilling Contractor: GeoLogic Driller: Glen / John



**EA Engineering, Science,
and Technology, Inc.**

LOG OF SOIL BORING

Coordinates: Northing 285129.25 Easting: 359839.76

Surface Elevation: 100.00

Depth Below Surface: approximately 6 in.

Reference Elevation: 100.00

Well Description: MW-4 assigned

Job No. 1499306 Client: Rhode Island DEM
Project: Varieur Elementary

Location: 468 Pleasant St, Pawtucket RI

Drilling Method:
Hollow Stem Auger with Air Hammer

Soil Boring Number:
MW-4

Sampling Method:

Sheet **1 of 1**

Split Spoon

Drilling

Water Level: ~18 16.64

Start DATE 8/22/14 Finish DATE 8/22/14

Time: 0910 0830

TIME 0753 TIME 1330

Date: 8/22/2014 8/25/2014

Blow Counts (140-lb)	In. Recvrd/ In. Driven	Boring Diagram	PID (ppm)	Depth		Surface Conditions:
				in	Feet	
12	13/24	Concrete	0.038	0	0	0-2: Dry, brown topsoil then sandy silt with rounded fine gravel. Sample preserved for VOC, low level VOC, and % solids
7				1		
16				2		
16				3		
		Native Material		4		
			5			
			6			
			7			
		Bentonite		8		
			9			
			10			
			11			
		#1 Sand		12		
			13			
			14			
			15			
		N E E N		16		
			17			
			18			
			19			
		S C R E E N		20		
26	19/19		P V C	0.097	20	20-22: Saturated silty clay with fine angular gravel and coarse sand. Split spoon refusal at 21' 7". Sample preserved for VOC, low level VOC, and % solids
37					21	
42					22	
120 for 1"		23				
		S I O T		24	Auger refusal. Initiate air hammer. Subsurface material exhibits signs of weathered bedrock Air hammer malfunction in silty conditions, switch to roller bit powered by compressed air.	
			25			
			26			
			27			
		#1 Sand		28		
			29			
			30			
			31			
		S I O T		32		
			33			
			34			
			35			
		#1 Sand		36		
			37			
			38			
			39			
		S I O T		40		
			41			
			42			
			43			
		#1 Sand		44		
			45			
			46			
			47			
		S I O T		48		
			49			
			50			
			51			
		#1 Sand		52		
			53			
			54			
			55			
		S I O T		56		
			57			
			58			
			59			
		#1 Sand		60		
			61			
			62			
			63			
		S I O T		64		
			65			
			66			
			67			
		#1 Sand		68		
			69			
			70			
			71			
		S I O T		72		
			73			
			74			
			75			
		#1 Sand		76		
			77			
			78			
			79			
		S I O T		80		
			81			
			82			
			83			
		#1 Sand		84		
			85			
			86			
			87			
		S I O T		88		
			89			
			90			
			91			
		#1 Sand		92		
			93			
			94			
			95			
		S I O T		96		
			97			
			98			
			99			
		#1 Sand		100		
			101			
			102			
			103			
		S I O T		104		
			105			
			106			
			107			
		#1 Sand		108		
			109			
			110			
			111			
		S I O T		112		
			113			
			114			
			115			
		#1 Sand		116		
			117			
			118			
			119			
		S I O T		120		
			121			
			122			
			123			
		#1 Sand		124		
			125			
			126			
			127			
		S I O T		128		
			129			
			130			
			131			
		#1 Sand		132		
			133			
			134			
			135			
		S I O T		136		
			137			
			138			
			139			
		#1 Sand		140		
			141			
			142			
			143			
		S I O T		144		
			145			
			146			
			147			
		#1 Sand		148		
			149			
			150			
			151			
		S I O T		152		
			153			
			154			
			155			
		#1 Sand		156		
			157			
			158			
			159			
		S I O T		160		
			161			
			162			
			163			
		#1 Sand		164		
			165			
			166			
			167			
		S I O T		168		
			169			
			170			
			171			
		#1 Sand		172		
			173			
			174			
			175			
		S I O T		176		
			177			
			178			
			179			
		#1 Sand		180		
			181			
			182			
			183			
		S I O T		184		
			185			
			186			
			187			
		#1 Sand		188		
			189			
			190			
			191			
		S I O T		192		
			193			
			194			
			195			
		#1 Sand		196		
			197			
			198			
			199			
		S I O T		200		
			201			
			202			
			203			
		#1 Sand		204		
			205			
			206			
			207			
		S I O T		208		
			209			
			210			
			211			
		#1 Sand		212		
			213			
			214			
			215			
		S I O T		216		
			217			
			218			
			219			
		#1 Sand		220		
			221			
			222			
			223			
		S I O T		224		
			225			
			226			
			227			
		#1 Sand		228		
			229			
			230			
			231			
		S I O T		232		
			233			
			234			
			235			
		#1 Sand		236		
			237			
			238			
			239			
		S I O T		240		
			241			
			242			
			243			
		#1 Sand		244		
			245			
			246			
			247			
		S I O T		248		
			249			
			250			
			251			
		#1 Sand		252		
			253			
			254			
			255			
		S I O T		256		
			257			
			258			
			259			
		#1 Sand		260		
			261			
			262			
			263			
		S I O T		264		
			265			
			266			
			267			
		#1 Sand		268		
			269			
			270			
			271			
		S I O T		272		
			273			
			274			
			275			
		#1 Sand		276		
			277			
			278			
			279			
		S I O T		280		
			281			
			282			
			283			
		#1 Sand		284		
			285			
			286			
			287			
		S I O T		288		
			289			
			290			
			291			
		#1 Sand		292		
			293			
			294			
			295			
		S I O T		296		
			297			
			298			
			299			
		#1 Sand		300		
			301			
			302			
			303			
		S I O T		304		
			305			
			306			
			307			
		#1 Sand		308		
			309			
			310			
			311			
		S I O T		312		
			313			

Appendix I

EA Standard Operating Procedures



**Standard Operating Procedure No. 020
for
Active Soil Gas Sampling**

Prepared by

EA Engineering, Science, and Technology, Inc.
225 Schilling Circle, Suite 400
Hunt Valley, Maryland 21031

Revision 1
March 2014

CONTENTS

	<u>Page</u>
1. SCOPE AND APPLICATION.....	1
2. MATERIALS	1
3. PROCEDURES	1
3.1 Soil Gas Point Installation	1
3.2 Soil Gas Sample Collection Using Tedlar Bags	2
4. MAINTENANCE.....	3
5. FIELD QUALITY CONTROL MEASURES.....	3
6. REFERENCES	3

1. SCOPE AND APPLICATION

The purpose of this Standard Operating Procedure is to provide guidelines for soil gas sampling. A soil gas survey is an effective screening tool in locating areas contaminated with volatile organic compounds.

2. MATERIALS

The following materials may be required:

1-L Tedlar bags	Powdered bentonite
3/16-in. outer diameter Teflon tubing	Probe set, including probe jack
3/8 inch barbed fittings	Rotary hammer with 1 × 36-in. drill bit
3-way valves (3/8 inch barbed)	Sample labels
Clean sand	Summa Canisters with flow regulators and vacuum gauges
Disposable shield points	Tools: vise grips, 0.75-in. wrench, scissors
Extension cord	Two measuring cups
Helium Canister	Tygon tubing
Helium Detection Unit	Vacuum box and vacuum pump
Portable generator or other power source	Vacuum gauge with 100 inch H ₂ O sensitivity

3. PROCEDURES

3.1 SOIL GAS POINT INSTALLATION

3.1.1 Drill Rig Installation

Use SOP019-Monitoring Well Installation with the following deviations:

- Section 3.2 Drilling: Soil Gas monitoring point to be installed above aquifer. Extend boring to desired depth. Well should not extend into shallow groundwater aquifer.
- Section 3.4 Well Construction and Installation: Well diameter should not exceed 1 inch. Screen length shall be limited to two feet.
- Section 3.5 Monitoring Well Completion: Install a PVC ball valve and barbed fitting using VOC free PVC glue or threaded ends to the top end of the monitoring well. The barbed fitting shall be 3/8 inch.

3.1.2 Manual Installation

Installation of soil gas points includes the following steps:

1. Assemble clean probe sections to the desired sampling depth.
2. Cut teflon tubing to at least 1 ft longer than the depth of the hole.
3. Insert one end of the tubing approximately 0.25-in. inside of aluminum shield point. Crimp the shield point tightly around the tubing with vise grips and insert the tube and shield point inside of the clean KV probe.
4. Using rotary drill and 36-in. drill bit, bore down 30 in. at the desired depth for sampling. Be sure to clear the hole well so that soil does not fall back into hole.
5. Drive stainless steel probe and attached shield point and teflon tubing down the hole with a rotary hammer to approximately 4 ft, or above the saturation zone. (It is desired to obtain a sample of the soil gas, not the groundwater.) If samples are needed from greater than 4 ft, drive the steel probe with a solid tip to the desired depth, extract, and insert a probe fitted with a disposable shield point and tubing.
6. Extract the probe by hand or with the jack. Be sure that shield point and tubing stays in the ground and attached to the shield point.
7. Pour sand into well annulus to an elevation 6 inches above the screen point. Gently shake the tubing to ensure that the sand settles and no bridged spaces remain.
8. Pour bentonite chips into the well annulus down sampling hole in 0.5 cup increments, add 0.25 cup distilled water, add another 0.5 cup bentonite down hole, and another 0.25 cup water. Continue until bentonite seal reaches the surface.
9. Allow at least 24 hours before extracting sample.
10. Collect sample (Section 3.2).
11. Remove probe and backfill hole with bentonite.

3.2 LEAK DETECTION

Ambient air intrusion into gas/air samples may result in a dilution of the gas/air sample, and may produce results that underestimate actual site concentrations; or alternatively, may contaminate the sample with aboveground indoor air contaminants. Leak tests will be conducted at each sub-slab soil gas monitoring point. The leak tests to be employed during the field activities include a shut-in leak test and a tracer leak test. These leak tests will be used to assess whether a good seal was established in the sampling train, ground surface, and the probe interface. Leakage can be

considered present when the tracer compound is present in the test sample at more than 5 percent of the source concentration.

The shut-in test is designed to check for leaks in aboveground fittings and will be conducted during every active sub-slab soil gas sampling event. To perform the shut-in test:

1. Connect 3/8 inch tubing to the barbed end of the monitoring well
2. Connect a 3-way valve to the tubing
3. Connect the vacuum gauge to one port of the valve using tubing
4. Shut the valves at both ends of the sample train
5. Evacuate the aboveground sample train to a measured vacuum of approximately 100 in. of water column.
6. Observe the vacuum gauge is for at least 1 minute.
7. If there is an observable loss of vacuum, the sample train is adjusted as needed until the vacuum in the sample train does not dissipate.

The tracer test is also designed to check for leaks in aboveground fittings and the sub-slab soil gas monitoring point surface seal interface. The monitoring point seal integrity will be confirmed in real-time by analyzing soil gas purge samples for the selected tracer compound. Helium will be used as the tracer compound during field activities; however, other tracer compounds, such as pentane, isopropanol, isobutene, propane, or butane, may be acceptable for use if the selected tracer compound is not a compound of potential concern. Additional detail on the leak test implementation is provided below. Additional or alternate leak detection methods may be acceptable if fully documented during field implementation. To perform the tracer test:

1. Purge the monitoring point of vapor using the low-flow purge pump to remove approximately three monitoring point volumes. The purpose of the purge is to ensure stagnant or ambient air is removed from the sampling system prior to sample collection.
2. During the purge, medical grade helium tracer gas will be applied directly to a shroud or "bucket" covering the sub-slab soil gas monitoring point by directing a tube from a helium tank source into the shroud.
3. To complete the purge, the purge pump will be connected to the Teflon tubing at the monitoring point using a short length of flexible tubing, such as Tygon. The internal length of the Tygon tubing will be minimized whenever possible by fully inserting both ends of the tubing being connected. The outlet of the purge pump (Gil Air5 or similar) will be connected to a Tedlar bag using Teflon tubing connected with short lengths of flexible tubing.

4. The interior space of the shroud will be monitored for helium concentration using a Radiodetection Helium/Hydrogen Multi-Gas Detector, Model MGD-2002.
5. Once the interior of the shroud reaches approximately 50 percent helium the purge pump will be activated and allowed to purge approximately 1-3 L of volume from the sub-slab soil gas monitoring point.
6. Upon completion of purging, the Tedlar bag will be closed, the purging pump shut down, and the helium detector will be removed from the shroud. The helium detector will be allowed to equilibrate with atmosphere and then inserted into the Tedlar bag to assess helium concentrations. The monitoring point will be considered sealed from atmospheric air intrusion if the helium meter does not detect 5 percent helium in the Tedlar bag.
7. Additionally, the remaining volume of the Tedlar bag can be used to screen VOC sub-slab soil gas concentrations via a VOC monitor.
8. If helium is detected in the Tedlar bag above 5 percent, the integrity of the monitoring point will be assessed and repaired, if possible. Additional bentonite may be utilized to seal potential cracks or penetrations in the monitoring point seal.
9. Following confirmation that the monitoring point vault has been sealed from atmospheric air intrusion, the purge process should begin again.
10. If the monitoring point is unable to be sealed, it should be abandoned and the location restored to pre-sample conditions. A replacement monitoring point should be installed at least 5 ft away from the initial location.

3.2 SOIL GAS SAMPLE COLLECTION USING SUMMA CANISTER

The following steps summarize the collection of a soil gas sample using a Summa Canister:

1. Assemble laboratory supplied Summa Canister, flow regulator, and vacuum gauge in accordance with laboratory provided instructions.
2. Cut at least 1 in. off the end of the tubing to ensure a clean sample.
3. Attach tubing to the Summa Canister.
4. Record initial vacuum reading prior to initiation of sample collection.
5. Manipulate 3-way valve to allow flow to Summa Canister and block flow to vacuum gauge.
6. Open Summa Canister valve.

7. Monitor vacuum readings during sample collection. Close Summa Canister valve prior to 5 in of water column of vacuum remaining in canister or when prescribed sample duration has elapsed (i.e. 15 minutes, 8 hour).
8. Disassemble Summa Canister, flow regulator, and vacuum gauge. Complete chain of custody and deliver to laboratory in accordance with all chain of custody procedures.
9. Repeat the above procedures for each additional soil gas point.

3.2 SOIL GAS SAMPLE COLLECTION USING TEDLAR BAGS

The following steps summarize the collection of a soil gas sample using Tedlar bags:

10. Cut at least 1 in. off the end of the tubing to ensure a clean sample.
11. Attach tubing to the vacuum box and pump.
12. Open valve on a clean, dry Tedlar bag, and attach inside the vacuum box.
13. Close the vacuum box, close stopcock (3-way valve) between vacuum box and pump, and then turn the pump on.
14. Allow Tedlar bag to fill 90 percent (do not overfill bag), shut off, crimp Tygon tubing (to prevent release of sample back down hole), open stopcock, and remove Tedlar bag from box.
 - If the bag is filled with air only, squeeze the air out completely to purge air that was in the tubing and sand and reattach inside the box. Repeat Bullets 4 and 5. Close the valve on the Tedlar bag upon removal, label it accordingly, and put it in a cool, dark area. NOTE: Not so cool as to cause condensation.
 - If Tedlar bag is filled with water and air, be sure to close valve on Tedlar bag before removing it, label the bag accordingly, and put it in a cool, dark area. NOTE: Not so cool as to cause condensation.
 - If water is pulled into the Tedlar bag, Tygon tubing inside the vacuum box must be replaced.
15. Remove and decontaminate probes.
16. Repeat the above procedures for each additional soil gas point.

4. MAINTENANCE

No maintenance required.

5. FIELD QUALITY CONTROL MEASURES

To ensure that the equipment is free of volatile contaminants, collect at least two quality control samples per day by drawing uncontaminated air through an unused representative sampling apparatus (assembled shield point and tubing). One sample should be taken at the beginning of the day, prior to collecting any samples, the other at the end of the day, after decontaminating the equipment. Ambient air may usually be assumed to be uncontaminated. If site ambient air is assumed to be contaminated, it should be sampled for contaminant levels.

To ensure that the analyzed samples are representative of the collected samples, and that the Tedlar bags are not losing volatile samples, spiked samples of known volatile concentration will be prepared. These samples will be stored and handled in the same manner as other field samples. Spiked samples will be the first collected and last analyzed. Selected low level samples should also be duplicated at a different time and analyzed immediately to verify that analyte loss is not occurring. Alternatively, samples may be analyzed in the field, using either Tedlar bags or syringe samplers to collect and transport the samples to the gas chromatograph.

Note sampling times for each sample in field notebook and on sample bag (if bags are used). No more than 4 hours should elapse between sampling and analysis; 15 minutes is preferable.

6. REFERENCES

American Society for Testing and Materials. D5314-93 Standard for Soil Gas Monitoring in the Vadose Zone.

DO NOT DELETE CROSS REFERENCE !

Posner, J.C. and J. Woodfin. 1986. Sampling with Gas Bags I: Losses of Analyte with Time; Applied Industrial Hygiene. November. pp. 163-168.

Appendix J

Resumes of the Environmental Professionals

Ronald Mack, P.E. Engineer

Mr. Mack is a Rhode Island Professional Engineer with 9 years of diverse experience in various aspects of environmental consulting and design including Brownfields assessments, site investigation and assessment, underground storage tank closures, stormwater treatment design and permitting, remediation treatment system design, remedial action oversight, and reporting.

Mr. Mack focuses on site characterization and remediation programs, stormwater design and permitting, and air quality monitoring programs for local, state, and federal clients (i.e., redevelopment authorities and commercial and municipal clients). He also has thorough expertise in directing and overseeing field applications including well installation, test pit evaluation, multimedia sampling (air, soil, groundwater, surface water, and sediment), soil characterization, and hydrogeologic investigations. He has worked extensively on investigations at commercial sites, including urban renewal projects and Brownfields.

Mr. Mack has direct experience preparing summary reports and studies addressing compliance issues at both the state and federal levels, including a working knowledge of federal regulations such as the Resource Conservation and Recovery Act, Toxic Substances Control Act, National Environmental Policy Act, National Pollutant Discharge Elimination System, and state-specific programs such as the Massachusetts Contingency Plan and Rhode Island Remediation Regulations and Solid Waste Regulations.

Professional Experience

Management—Serves as Task Manager for several large field events including remedial actions, construction oversight, and site assessments. Serves as Project Manager for site investigations and assessments. Also serve as technical and contractual contact for clients and regulators on projects.

Field Experience—Oversees field programs at a wide variety of hazardous waste sites, from Superfund-scale to small, commercial operations. Proficient in the collection and processing of groundwater, surface water, soil, and sediment samples. Conducts site assessments using real-time feedback from regulators. Conducts Phase I and II site investigations under Massachusetts Contingency Plan and American Society for Testing and Materials Standards. Responsible for specialty subcontractor quality assurance and adherence to safety and health requirements.

Report Preparation—Prepares technical reports for clients and regulators at all phases of project development under the supervision of project managers assessing environmental conditions of sites. Creates and manages databases using COTS packages. Assists with the formulation of risk characterization tables.

EA Project Experience

Puchack Wellfield Remediation, Pennsauken, New Jersey; U.S. Army Corps of Engineers–Kansas City District; Engineer—Operated an *in situ* hexavalent chromium treatment system which extracts groundwater, amends it with sodium lactate. The treated groundwater is then injected back into the aquifer to reduce Cr⁺⁶ to Cr⁺³. Completed daily calibration of equipment while performing routine operation and maintenance activities on the system. Executed daily set-up and breakdown of the treatment system. Ensured that sites were properly marked and maintained; applying appropriate set up for pedestrian and road traffic in public areas. Performed proper procedures for breakdown and maintenance of equipment in preparation of storm conditions.

Project Date: 2012

Qualifications

Education

B.S.; Roger Williams University, Engineering; 2004

Registration/Certification

Professional Engineer—RI (No. 9823); 2011

Specialized Training

OSHA 8-Hour Hazardous Waste Operations Refresher Course; 2012

OSHA 40-Hour Hazardous Waste Operations Safety Training

Experience

Years with EA: 6

Total Years: 9

Project Value – \$9,366,000; Contract Type – Cost Reimbursable; EA Project No. – 6239303; EA Project Manager – Edward Linkewich

Stormwater Management, Lafarge North America, Ravena Plant, New York; Project Engineer—Provided technical input and review for a variety of projects associated with stormwater at the facility. Projects included the design of a stormwater treatment basin, the design of an overflow weir to facilitate stormwater discharge following site modifications, and a review of existing stormwater best management practices at the facility with recommendations. Lead and/or performed hydrologic and hydraulic analyses to design the aforementioned structures. Conducted an analysis to determine the required settling time of the submicron particles within stormwater, leading to the determination that chemical treatment would be required at the site.

Project Date: 2013 – Present

Project Value – \$500,000; Contract Type – Time and Materials; EA Project Nos. – 14094; EA Project Manager – Ben Young

Phase I Environmental Site Assessment; Providence, Rhode Island; Rhode Island Public Broadcasting Company—Project manager for the completion of an All Appropriate Inquiries compliant Phase I Environmental Site Assessment for this former industrial site. This report uncovered several recognized environmental conditions prior to the purchase of the property by our client.

Project Date: 2013

Project Value – \$2,500; Contract Type – LS; EA Project No. – 6272001; EA Project Manager – Ronald Mack

Underground Storage Tank Release Investigation; Bryant University, Smithfield, Rhode Island—Project Manager responsible for this investigation of a Leaking Underground Storage following a removal action. Investigation included the advancement of soil borings, installation of groundwater monitoring wells, a potentiometric groundwater elevation survey to ascertain flow direction, and sampling and analysis of soil and groundwater. The results of the investigations were documented in a Site Investigation Report. The Rhode Island Department of Environmental Management issued a No Further Action Letter without comment to close the site.

Project Date: 2013

Project Value – \$11,000; Contract Type – FFP; EA Project No. – 6270601; EA Project Manager – Ronald Mack

Massachusetts Contingency Plan Compliance; Lexington, Massachusetts; J.P. Carroll—Task Manager responsible for semi-annual monitoring and regulatory reporting at this salvage yard. This project includes sampling and analysis of groundwater impacted with petroleum hydrocarbons and gasoline constituents. Task manager for the preparation of semi-annual status reports. Prepared a Response Action Outcome Statement for the site in 2012.

Project Date: 2009 – Present

Project Value – \$184,700; Contract Type – CPM; EA Project No. – 147002; EA Project Manager – Frank Postma

Mad Mics Organics; Massachusetts Composting General Permit; Lancaster and Shirley, Massachusetts—Task Manager and lead engineer in obtaining one of the first composting general permits issued by the Massachusetts Department of Environmental Protection under the Solid Waste Regulations revised in November 2012. Attended meetings with regulators, conducted a regulatory analysis of the new regulations, and task manager for the General Permit Application. Conducted a regulatory analysis of federal and local regulations to support a determination that stormwater discharges would not be regulated.

Project Date: 2012

Project Value – \$184,700; Contract Type – CPM; EA Project No. – 147002; EA Project Manager – Frank Postma

LS Power Equity Advisor; Environmental Assessment and Consulting Services; Various Locations—Performed Phase I Environmental Site Assessments at multiple power generation facilities that complied with American Society of Testing Materials and U.S. Environmental Protection Agency All Appropriate Inquiries standards. Performed compliance audit at a power generation facility in Connecticut and identified several deficiencies. Provided cost estimates to address environmental issues at power generation facilities that were being considered for purchase.

Project Date: 2011 – Present

Project Value – \$350,000; Contract Type – CPM; EA Project No. – 14897; EA Project Manager – Frank Postma

Victus Solar Company; Phase II Environmental Site Assessments; Various Locations—Project Manager for several Phase II Environmental Site Assessments at several sites slated for solar power development that complied with American Society of Testing Materials standards. Phase II Environmental Site Assessments included the advancement of soil borings, installation of groundwater monitoring wells, a potentiometric groundwater elevation survey to ascertain flow direction, and sampling and analysis of soil and groundwater. The results of the investigations were documented in Phase II Environmental Site Assessment reports that were used to facilitate financing of the projects.

Project Date: 2012– 2013

Project Value – \$37,000; Contract Type – FFP; EA Project No. – 62680; EA Project Manager –Ronald Mack

Mid City Steel; Westport, Massachusetts; Task Manager—Revised and updated Stormwater Pollution Prevention Plan to reflect site modifications and comply with the U.S. Environmental Protection Agency National Pollutant Discharge Elimination System Permit. Lead design engineer for multiple stormwater treatment design systems including the implementation of a vermiculite treatment system to treat stormwater impacted by emulsified oil, settlement basins, catch basins, and outfall modifications. Lead design engineer for bench study for emulsified oil treatment system.

Project Date: 2011 – Present

Project Value – \$55,000; Contract Type – Time and Materials; EA Project No. 6255201; EA Project Manager – Frank Postma

Benevento Sand and Gravel Quarry; Wilmington, Massachusetts; Benevento Companies; Task Manager—Revised and updated Stormwater Pollution Prevention Plan to reflect site modifications and comply with the U.S. Environmental Protection Agency National Pollutant Discharge Elimination System Permit. Lead design engineer for a stormwater detention basin to provide additional treatment to meet the applicable benchmark standards. Lead design engineer for conceptual design and bench study for wash pond treatment system incorporating flocculation of stone dust.

Project Date: 2011 – Present

Project Value – \$122,000; Contract Type – Time and Materials; EA Project No. 1488201; EA Project Manager – Frank Postma

Centerfield Taxiway Air Quality Study Logan Airport; Boston, Massachusetts; Massachusetts Port Authority—Task Manager for all field aspects of air monitoring program to determine impacts of construction of new taxiway at Logan International Airport. Produced updated Quality Assurance Project Plan, Work Plan, and Standard Operating Procedure documents for Year 2 of air monitoring program. Produced quarterly reporting documents summarizing the project and analyzing the data. Specified and ordered equipment and appurtenances, installed all equipment in shelters, coordinated with laboratory for all analyses including TO-11a (carbonyls and formaldehydes), TO-13a (polycyclic aromatic hydrocarbons), TO-15 SIM (volatile organic compounds), and gravimetric analysis (PM_{2.5} analysis). Coordinated the setup and monitored real time instruments including a Beta Attenuation Monitor, a Seven Wavelength Aethalometer, and metrological stations via a telemetry system. Reviewed data for quality assurance purposes. Compiled spreadsheets to track variables of data collection including calibration results, sample volume calculations, and sample tracking information. Task Manager for production of final report, including data analysis, data interpretation, and project summary.

Project Date: May 2010 – May 2012

Project Value – \$700,000; Contract Type – CPM; EA Project No. – 1477404 and 1477401; EA Project Manager – Chris Kerlish

Petco Plaza Remediation; Peabody, Massachusetts; Scangas Brothers—A fuel oil release migrated beneath the slab of the existing building at this site. Produced a Phase I Site Investigation Report and Tier Classification for the Site, classifying as Tier II. Project engineer for the design of remedial approach and produced cost benefit analysis to determine most economically viable remedial approach. Produced Release Abatement Measure Plan to acquire Order of Conditions from City of Peabody Conservation Commission. Task Manager for field events, production of reports, and implementation of *in situ* chemical oxidation injections, which successfully destroyed the non-aqueous phase liquid and associated petroleum contamination. Completed a Release Abatement Outcome Statement indicating that the remediation efforts were successful at meeting all remediation standards.

Project Date: September 2009 – Present

Project Value – \$267,795; Contract Type – CPM; EA Project No. – 1470302; EA Project Manager – Frank Postma

Camp Fogarty Former Shooting Berm; East Greenwich, Rhode Island; Rhode Island Army National Guard; Task Manager—Performed soil sampling activities including Management Information System and discrete soil sampling via an established grid. Coordinated with laboratory and tabulated results including sampling location and depth details. As arsenic and beryllium were found to exceed applicable standards, conducted a background study to determine if the metal concentrations were attributable to background or were resultant of anthropogenic activity. Summarized background study in a letter report that included Geographic Information System figures and statistical analysis.

Project Date: 2010–2011

Project Value – \$112,000; Contract Type – Firm Fixed Fee; EA Project No. 6245001/1490601; EA Project Manager – Frank Postma

Exeter Landfill Closure; Exeter, Rhode Island; Town of Exeter; Task Manager—Task Manager responsible for the management and oversight of the landfill closure. The project required the preparation of a Remedial Action Work Plan, alternative analyses, material specifications, material verification, and installation oversight followed by the preparation of the Remedial Action Closure Report and Environmental Land Use Restriction.

Project Date: 2007 – Present

Project Value – \$58,000; Contract Type – Time & Materials; EA Project No. 1452501; EA Project Manager – Frank Postma

Cotton Shed; West Warwick, Rhode Island; Thundermist Health Center; Task Manager—Task Manager for coordination and completion of installation of an engineered barrier at this regulated site. Task Manager for design of investigation strategies to determine scope of work, prepared closure reports, subsequent investigation following unpermitted implementation of a community garden at the regulated site.

Project Date: 2012 – Present

Project Value – \$25,000; Contract Type – Time and Materials; EA Project No. 1482001; EA Project Manager – Frank Postma

Igus, Inc.; East Providence, Rhode Island; Task Manager—Task Manager for coordination and completion of installation of an engineered barrier at this regulated site. Completed cost estimates for remediation, performed oversight during remediation, coordinated disposal of contaminated soils, and completed summary report.

Project Date: 2012

Project Value – \$26,000; Contract Type – Time and Materials; EA Project No. 6250601; EA Project Manager – Frank Postma

Merwin Meadows Dam Removal Survey; South Norwalk, Connecticut; U.S. Department of Agriculture–Natural Resources Conservation Service—Assisted with the production of plans and specifications for stream sediment removal project. Efforts concentrated on producing specifications that would adhere to Connecticut regulations and best management practices in removing and disposing of sediment contaminated with metals, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls. Produced cost estimates to facilitate allocation of monies for federal agency.

Project Date: 2009–2011

Project Value – \$22,739; Contract Type – LS; EA Project No. – 6202844; EA Project Manager – Sam Whitin

Leaking Underground Storage Tank Site; Manchester, Massachusetts; Seabreeze Variety; Task Manager—A leaking underground gasoline storage tank was removed from the Site in 2008 by others. Upon receipt of this project by EA, conducted groundwater sampling following U.S. Environmental Protection Agency low flow sampling protocols. Upon receipt of the data, which indicated further assessment was warranted, produced an Immediate Response Action Completion Report in adherence to Massachusetts Contingency Plan. Subsequently produced a Massachusetts Contingency Plan-compliant Phase I Environmental Site Assessment and Tier Classification. Once a decreasing trend in all volatile petroleum hydrocarbon constituents is demonstrated, a Remedial Action Outcome Statement will be produced.

Project Date: September 2009 – 2011

Project Value – \$30,799; Contract Type – CPM; EA Project No. – 1470001; EA Project Manager – Frank Postma

Alvarez High School (Former Gorham Manufacturing Facility); Providence, Rhode Island; Providence Department of Public Property; Task Manager—Assumed responsibilities for operations and maintenance, regulatory compliance and reporting, and regular air sampling for a subslab depressurization system at this Brownfields site. Responsibilities include subslab depressurization system operation and maintenance, indoor/ambient air sampling and monitoring, subslab vapor sampling and monitoring, and compliance summary reporting. The efforts completed have ensured a safe environment for the occupants and the public and, therefore, EA was able to negotiate the reduction of monthly air and subslab vapor sampling requirements to a quarterly schedule.

Project Date: *October 2007 – Present*

Project Value – \$86,000; **Contract Type** – CPM; **EA Project No.** – 1468701; **EA Project Manager** – Frank Postma

Warwick Intermodal Station; Warwick, Rhode Island; Rhode Island Airport Corporation; Task Manager—This project requires field soil screening, sampling, and waste characterization for all disturbed soil at the Brownfields site, which is the former T.H. Baylis Company property. Responsibilities include attending weekly project coordination meetings, coordinating between Rhode Island Department of Transportation, Rhode Island Airport Corporation, and Gilbane Construction Company, providing guidance and oversight to EA field personnel, and ensure adherence to the site-specific Contaminated Material Management Plan.

Project Date: *September 2007 – Present*

Project Value – \$748,170; **Contract Type** – LS; **EA Project No.** – 6221201; **EA Project Manager** – Frank Postma

Exeter Landfill Closure; Exeter, Rhode Island; Town of Exeter; Task Manager—Task Manager for oversight of the construction of an engineered cap to prevent direct exposure to contamination present within the former landfill. Also provides coordination services between the Town of Exeter and Rhode Island Department of Environmental Management.

Project Date: *August 2007 – Present*

Project Value – \$58,000; **Contract Type** – LS; **EA Project No.** – 1452501; **EA Project Manager** – Frank Postma

Environmental Support and Remedial Action Work Plan; Providence, Rhode Island; Stor-More Associates I—Oversaw investigation activities and regulatory coordination on behalf of Stor-More Associates I at its facility on Veazie Street in Providence. Produced Remedial Action Work Plan that would allow for construction of an engineered cap and prevent direct exposure to arsenic, lead, petroleum, and polycyclic aromatic hydrocarbons within soils across the Site. Performed Limited Design Investigation to demonstrate pond on property is not contaminated, thereby limiting extent of engineered cap and providing cost savings to client.

Project Date: *February 2007 – 2010*

Project Value – \$34,800; **Contract Type** – CPM; **EA Project Nos.** – 1441202, 1447501; **EA Project Manager** – Frank Postma

Former Lincoln Lace & Braid Mill Site, Providence, Rhode Island; Providence Redevelopment Agency—Performed supplemental investigations of wetland and associated water body to determine extent of contamination and determine if surface water is contaminated. Task Manager for production of cost estimates, bid plans, and specifications for construction of an engineered barrier, wetland restoration, and construction of a series of check dams. Task Manager for production of Remedial Action Work Plan to obtain regulatory approvals from Rhode Island Department of Environmental Management Office of Waste Management, Office of Water Resources, and U.S. Army Corps of Engineers. Completed Remedial Action Closure Report to administratively complete this Brownfields remediation project.

Project Date: *January 2007 – Present*

Project Value – \$115,000; **Contract Type** – Time & Materials; **EA Project No.** – 6189105; **EA Project Manager** – Frank Postma

Warwick, Rhode Island; Knight Street Group; Task Manager—Oversaw the installation of soil gas monitoring points and groundwater monitoring wells during a Phase II investigation of the property and performed groundwater sampling in accordance with U.S. Environmental Protection Agency low flow sampling. Subsequently, a Site Investigation Report was completed for the site in accordance with appropriate state regulations.

Project Date: 2007–2009

Project Value – \$36,000; **Contract Type** – Lump Sum; **EA Project No.** – 6219701; **EA Project Manager** – Peter Grivers

Army Aviation Support Facility; Quonset Point, North Kingstown, Rhode Island; Rhode Island Army National Guard; Task Manager—Performed concrete, asphalt, and soil sampling at facility to delineate extent of polychlorinated biphenyl contamination. Summarized field activities in Limited Design Investigation Report and Remedial Action Work Plan which were submitted to state and federal regulatory agencies and supported a remedial action. This property will ultimately be redeveloped into a new Aviation Hanger for the Rhode Island Army National Guard.

Project Date: 2007–2010

Project Value – \$130,000; **Contract Type** – Firm Fixed Fee; **EA Project No.** 6202822; **EA Project Manager** – Mark Speer

Oversight; Union, New Jersey; American Commerce Insurance Company—Provided third-party regulatory and technical review of environmental insurance claims. Reviewed site investigations proposals and regulatory submittals. Negotiated pricing and settlements with responding consultants.

Project Date: January–May 2010

Project Value – \$2,900; **Contract Type** – CPM; **EA Project No.** – 1473601; **EA Project Manager** – Frank Postma

Landfill Monitoring; Worcester, Massachusetts; Bristol Traffic Transportation Consulting, LLC—Task Manager for the assessment program for groundwater, surface water, and landfill gas. A monitoring network of groundwater monitoring wells, surface water sampling points and soil gas sampling points are monitored regularly to assess the on-site and potential for offsite migration of leachate from a closed municipal solid waste landfill. The data is compiled and assessed against regulatory thresholds to determine if the implementation of a corrective action plan is required. The results of the investigations are documented in a bi-annual report.

Project Date: October 2009 – Present

Project Value – \$43,205; **Contract Type** – Time & Materials; **EA Project No.** – 1495001; **EA Project Manager** – Frank Postma

Wall Street; Burlington, Massachusetts; Gillis Brothers, Inc.—Provided assistance in preparation of draft Beneficial Use Determination for client to recycle street sweepings and catch basin cleanings. Completed Determination of Need document to indicate to regulators that treatment of street sweepings was an appropriate course of action. Task Manager for design of rain garden at Beebe School in Malden, Massachusetts as part of a Supplemental Environmental Project. Assisted in production of Stormwater Pollution Prevention Plan.

Project Date: 2009–2011

Project Value – \$36,844; **Contract Type** – CPM; **EA Project No.** – 1471301; **EA Project Manager** – Frank Postma

Phase I Environmental Site Assessment; North Smithfield, Rhode Island; Rhode Island Army National Guard—Produced All Appropriate Inquiries compliant Phase I Environmental Site Assessment for automobile servicing center utilized by the Rhode Island Army National Guard. This report facilitated sale of building to another State agency.

Project Date: September–December 2009

Project Value – \$2,400; **Contract Type** – LS; **EA Project No.** – 6236801; **EA Project Manager** – Frank Postma

Gooseneck Cove Restoration Project; Newport, Rhode Island; National Oceanic and Atmospheric Administration and U.S. Department of Agriculture–Natural Resources Conservation Service—EA provided the engineering and permitting effort to restore tidal flow to a 65-acre estuary that has been restricted by a causeway with two undersized culverts, a partially breached concrete dam, and a low-lying road with a partially functional culvert to improve basin tidal exchange, water quality, fish habitat, increase the health and primary production of the salt marsh community, eliminate algal blooms, and improve the overall ecological integrity and connectivity with Narragansett Bay. Reviewed contractor submittals and provided field oversight to ensure project was executed in adherence to specifications and bid drawings.

Project Date: September 2008 – December 2009

Project Value – \$64,160; Contract Type – LS; EA Project No. – 1461201; EA Project Manager – Sam Whitin

Environmental Consulting; Providence, Rhode Island; The Steel Yard—EA prepared a Remedial Action Work Plan and provided construction oversight and reporting for installation of an engineered barrier that was installed at this former steel yard. Task Manager for production of Remedial Action Closure Report, which placed the site in regulatory compliance. The project was awarded the John H Chafee Conservation Leadership Award by promoting community sustainability through conservation of natural resources.

Project Date: March 2008 – December 2009

Project Value – \$23,200; Contract Type – CPM; EA Project No. 14574.01; EA Project Manager – Frank Postma

Soil Sampling; New Bedford, Massachusetts; ESS Laboratory—Assisted in the establishment and execution of a sample collection grid to confirm the extent of an excavation aimed to remove polychlorinated biphenyl-contaminated soils at the Shawmut Landfill in New Bedford, Massachusetts. Composite soil samples were collected at each sample node and submitted to a Massachusetts-certified laboratory for polychlorinated biphenyl analyses via U.S. Environmental Protection Agency Method 8082. The data were analyzed and additional remedial efforts were conducted to excavate all impacted soil to the regulatory threshold. The results of the remedial efforts were documented in a regulatory report.

Project Date: August–November 2009

Project Value – \$4,650; Contract Type – LS; EA Project No. – 6235901; EA Project Manager – Frank Postma

IIWA – American Drive-in Cleaners; Hicksville, New York; New York State Department of Environmental Conservation—Task Manager for field work during investigation of dry cleaner at a strip mall. Provided oversight for drilling operations and collected real-time groundwater samples during this investigation that concentrated on the delineation of a chlorinated solvent plume in the vicinity of the aforementioned dry cleaner.

Project Date: February 2008 – June 2009

Project Value – \$119,483; Contract Type – CPFF; EA Project No. – 1436820; EA Project Manager – Robert Casey

Roger Williams Park Leaking Underground Storage Tank Site; Providence, Rhode Island; Providence Parks Department; Task Manager—A leaking underground storage tank was removed from the site in 2000. A remediation system was designed by EA and installed in May 2007. Since joining EA, has assumed responsibilities for task managing bi-weekly gauging and bailing of monitoring wells, quarterly groundwater sampling, and quarterly reporting. Oversaw the implementation of *in situ* chemical oxidation at the site to reduce persistent levels of gasoline-related compounds in groundwater. EA continues to provide regulatory compliance services for this project.

Project Date: 2007–2011

Project Value – \$104,500; Contract Type – LS; EA Project No. – 6203203; EA Project Manager – Frank Postma

Responsible Care® Management System Implementation and Third-Party Certification; Linde North America; Task Manager—Linde North America is one of the leading global suppliers of industrial gases with 400+ operations throughout the United States and Canada. Following its merger with BOC Gases, Linde sought to implement and seek third-party certification of its safety, health, environmental, and quality management system to support the American Chemistry Council Responsible Care® Management System specification (2005) – Linde was directed to implement Responsible Care® Management System and certify its headquarters and eight operating sites in a 10-month period. Conducted preliminary audit at an Ohio facility in preparation of formal audit. Formal audit was conducted by regulators, and the facility was found to be in compliance with no violations.

Project Date: July–December 2008

Project Value – \$158,300; Contract Type – CPM; EA Project No. – 1449513; EA Project Manager – Brian Lesinski

Regulatory Consulting; North Kingstown, Rhode Island; Falvey Realty, LLC—Provided field oversight for installation of an engineered barrier at this development site. Conducted field investigation to delineate extent of arsenic contamination to limit extent of engineered cap. Produced Remedial Action Closure Report to obtain Regulatory Compliance for the Site.

Project Date: December 2007 – December 2008

Project Value – \$26,800; Contract Type – CPM; EA Project No. – 1455301; EA Project Manager – Peter Grivers

U.S. Coast Guard Civil Engineering Unit Providence, Rhode Island; Site Assessment Services; U.S. Coast Guard First District; Field Engineer—Performed Phase II soil sampling activities at lighthouses located along the Northeast coastline. Facilities include lighthouses located on Marblehead, Rockport, Edgartown, Tisbury, and Vineyard Haven, Massachusetts; and Jamestown, Westerly, and Portsmouth, Rhode Island. Soil sampling activities focused on the presence of lead in soils surrounding these historic lighthouses to determine if remedial activities are necessary prior to land transfer. Also responsible for work plan development, laboratory coordination, and sample data quality management. Performed Phase I due diligence reviews at these sites to determine past uses and receptors.

Project Date: 2007

Project Value – \$267,463; Contract Type – Firm Fixed Fee; EA Project No. 61710.27; EA Project Manager – Richard Waterman

Other Project Experience

Roosevelt Avenue, Central Falls, Rhode Island – Underground Storage Tank Removal and Environmental Assessment Services—Oversaw the removal of a 5,000-gal No. 4 fuel oil underground storage tank, performed All Appropriate Inquiry compliant Phase I assessment, oversaw the advancement of soil borings and installation of groundwater monitoring wells, and performed subsequent groundwater sampling. Coordinated with appropriate regulatory agencies to schedule removal and ensure timely application approvals.

City of Beverly, Massachusetts; Beverly Airport Site Assessment—Oversaw the advancement of up to 120-ft bedrock groundwater monitoring/treatment wells throughout the airport. Assisted in design, implementation, and maintenance of an air sparge remediation system at the property to treat high levels of chlorinated solvents within groundwater. Performed quarterly groundwater monitoring, and reported on the analytical results. Information was provided to a Licensed Site Professional to document conditions in various Massachusetts Contingency Plan reports.

F.W. Webb, Methuen, Massachusetts; Massachusetts Contingency Plan Services; Limited Removal Action—Performed initial Massachusetts Contingency Plan assessment, soil boring advancement, groundwater sampling, and elevation survey. Initial investigation indicated a Limited Removal Action was necessary at this former construction yard, which was performed in accordance with the Massachusetts Contingency Plan. This property is currently being developed for utilization for F.W Webb Company. Developed work plans and oversaw hollow-stem auger boring, monitoring well installation, development, gauging, and sampling.

Employment History

Employer—EA Engineering, Science, and Technology, Inc.

Dates of Employment—October 2007 – Present

Title—Engineer III

Employer—Alliance Environmental Group, Inc.

Dates of Employment—July 2005 – October 2007

Title—Environmental Engineer

Employer—RI Analytical

Dates of Employment—August 2004 – July 2005

Title—Environmental Consultant/Field Technician

List of Technical Skills and Specializations

- Air/water/soil/soil vapor sampling
- Ambient air quality monitoring
- All Appropriate Inquiry compliant Phase I Environmental Site Assessments
- AutoCAD 2012
- Brownfields redevelopment projects
- Construction/remediation oversight
- Development of plans/reports in adherence to Rhode Island Remediation Regulations
- Low-flow sampling of groundwater
- Preparation of bid plans and bid specifications
- Preparing cost estimates
- Remedial and underground storage tank closure oversight
- Site investigation work plan development and implementation
- Soil characterization
- Stormwater treatment design
- Stormwater permitting
- Stormwater sampling
- Various field screening methods
- Visual asbestos assessment

Frank B. Postma, LSP, LEP, P.G. Geologist/Senior Project Manager

Mr. Postma is currently responsible for the management and technical direction of projects that involve the assessment and remediation of contaminated soil and groundwater. His project experience includes performance and review of tank removals; soil excavation and disposal; real estate transfer assessments; comprehensive hydrogeological site assessments involving petroleum, heavy metals, polychlorinated biphenyls, and chlorinated hydrocarbons; design and implementation of soil and groundwater remediation systems; preparation and certification of Massachusetts Contingency Plan submittals; preparation of Spill Prevention and Countermeasure Control Plans, Environmental Notification Forms, and Environmental Impact Reports; oversight of insurance claims; and design, installation, and operation of onsite remediation systems. Remedial designs have included pump and treat, high vacuum extraction, soil vapor extraction, enhanced bioremediation, bioventing, chemical oxidation, and air sparging technologies to restore impacted soil and groundwater. Mr. Postma is also responsible for the design and implementation of aquifer pumping tests and data interpretation and the preparation of environmental monitoring and sampling plans, Quality Assurance/Quality Control Plans, and Health and Safety Plans. He has also provided expert testimony and litigation support on contaminant fate and transport.

Mr. Postma's other areas of expertise include the delineation of impacted media, contaminant migration through multi-layered geologic systems, contaminant fate and transport, technical report editing, groundwater pumping systems, hydrocarbon recovery systems, and wetland delineation and permitting. Mr. Postma has also provided litigation support and expert witness testimony.

Professional Experience

Due Diligence—Served as Senior Project Manager for comprehensive environmental site assessments to identify recognized environmental conditions in accordance with the All Appropriate Inquiry standards promulgated by U.S. Environmental Protection Agency in November 2005 and in accordance with the American Society for Testing and Materials standards. Provided regulatory guidance to both buyers and sellers as to the implications of recognized environmental conditions and design of the appropriate additional investigative programs validate/refute releases to the environment.

Site Investigation—Served as Senior Project Manager for numerous site investigations, landfill, environmental monitoring, and indoor air projects assessments; and regulatory compliance. Managed and involved with all phases of the site investigation, remedial actions, and coordination with regulatory agencies and the public for releases of hazardous materials and petroleum.

Site Remediation—Served as Senior Project Manager for the design and implementation of remedial systems for the clean-up of petroleum and hazardous materials. The installed remedial systems include bio-sparging, dual-phase high vacuum extraction, enhanced fluid recover, in-situ chemical oxidation, enhanced monitoring natural attenuation, soil vapor extraction, and groundwater pump and treat.

Third Party Insurance Review—Provided third party regulatory and technical review of environmental insurance claims. Reviewed site investigations remedial action plans and closure documentation. Provided cost estimates on the assessment and closure activities. Negotiated pricing and settlements with responding consultants. Provided litigation support for subrogation claims.

Qualifications

Education

M.S.; University of Rhode Island; Water Resource Management; 1989

B.S.; University of Rhode Island; Geology; 1986

Registrations/Certifications

Licensed Site Professional—MA (No. 2563)

Licensed Environmental Professional—CT (No. 348)

Professional Geologist—PA (No. PG-00311113-G)

Massachusetts Conservation Commissioner

Professional Soil Scientist

Experience

Years with EA: 2 Total Years: 24

EA Project Experience

Saint Luke's Country Day School; New Canaan, Connecticut; Saint Luke's; Project Manager—Managed and oversaw the environmental assessment of the Saint Luke's School for certification of a Leadership in Energy and Environmental Design complaint expansion. Identified several Recognized Environmental Conditions that required further soil and groundwater characterization. Identified groundwater conditions that required regulatory notification and documentation. Conducted a complete characterization of the impacts, modeled the contaminant fate and transport and determined the potential impacts to sensitive receptors. Prepared and submitted closure documentation to the Connecticut Department of Energy and Environmental Protection.

Project Date: 2011 – Present

Project Value – \$38,000; Contract Type – Time and Materials; EA Project No. – 1481901; EA Project Manager – Frank Postma

Benevento Sand and Gravel Quarry; Wilmington, Massachusetts; Benevento Companies; Project Manager—Revised and updated Stormwater Pollution Prevention Plan to reflect site modifications and comply with the U.S. Environmental Protection Agency National Pollutant Discharge Elimination System Permit. Lead design manager for a stormwater detention basin to provide additional treatment to meet the applicable benchmark standards. Lead design manager for conceptual design and bench study for wash pond treatment system incorporating flocculation of stone dust. Managed all wetland permitting under the Massachusetts Wetland Protection Act.

Project Date: 2011 – Present

Project Value – \$122,000; Contract Type – Time and Materials; EA Project No. 1488201; EA Project Manager – Frank Postma

Camp Fogarty Former Shooting Berm; East Greenwich, Rhode Island; Rhode Island Army National Guard; Project Manager—Developed the Environmental Media Sampling Plan and Quality Assurance Performance Plan for investigation of a former firing range. Managed the soil sampling activities including Management Information System and discrete soil sampling via an established grid. Coordinated with laboratory and tabulated results including sampling location and depth details. Designed the background study to assess arsenic and beryllium exceedences. Summarized background study in a letter report that included Geographic Information System figures and statistical analysis.

Project Date: 2010–2011

Project Value – \$112,000; Contract Type – Firm Fixed Fee; EA Project No. – 6245001/14906.01; EA Project Manager – Frank Postma

Exeter Landfill Closure; Exeter, Rhode Island; Town of Exeter; Project Manager—Project Manager responsible for the management and oversight of the landfill closure. The project required the preparation of a Remedial Action Work Plan, alternative analyses, material specifications, material verification, and installation oversight with the goal of preparing the Remedial Action Closure Report and Environmental Land Use Restriction. EA is also responsible for construction oversight of the cap installation and specification verification.

Project Date: 2007 – Present

Project Value – \$58,000; Contract Type – Time & Materials; EA Project No. 1452501; EA Project Manager – Frank Postma

Cotton Shed; West Warwick, Rhode Island; Thundermist Health Center; Project Manager—Project Manager for coordination and completion of installation of an engineered barrier at this regulated site. Project Manager for design of investigation strategies to determine scope of work, prepared closure reports, subsequent investigation following unpermitted implementation of a community garden at the regulated site.

Project Date: 2012 – Present

Project Value – \$25,000; Contract Type – Time and Materials; EA Project No. – 14820.01; EA Project Manager – Frank Postma

Igus, Inc.; East Providence, Rhode Island; Task Manager—Project Manager for coordination and completion of installation of an engineered barrier at this regulated site. Completed cost estimates for remediation, performed oversight during remediation, coordinated disposal of contaminated soils, and completed summary report.

Project Date: 2012 – Present

Project Value – \$26,000; Contract Type – Time and Materials; EA Project No. 6250601; EA Project Manager – Frank Postma

Petco Plaza Remediation; Peabody, Massachusetts; Scangas Brothers—A fuel oil release migrated beneath the slab of the existing building at this site. Produced a Phase I Site Investigation Report and Tier Classification for the Site, classifying as Tier II. Contributed design of remedial approach and produced cost benefit analysis to determine most economically viable remedial approach. Produced Release Abatement Measure Plan to acquire Order of Conditions from City of Peabody Conservation Commission. Task Manager for field events, production of reports, and implementation of *in situ* chemical oxidation injections, which successfully destroyed the non-aqueous phase liquid and associated petroleum contamination. Completed a Release Abatement Outcome Statement indicating that the remediation efforts were successful at meeting all remediation standards.

Project Date: September 2009 – Present

Project Value – \$267,795; Contract Type – CPM; EA Project No. – 1470302; EA Project Manager – Frank Postma

Massachusetts Contingency Plan Compliance; Manchester-by-the-Sea, Massachusetts; Seabreeze Variety—Senior Project Manager responsible for the indentifying the appropriate regulatory pathway, implementing the post-remedial monitoring program, analyses of the collected data and providing the detailed technical review of the regulatory documentation. The site is a current petroleum dispensing facility that had opted to replace two underground storage tanks. A release of gasoline product was identified during the removal of the underground storage tanks that impacted soils and groundwater. The impacted soils were excavated following the installation of sheet piles. Soil groundwater and indoor air quality were assessed. The project will require an Massachusetts Contingency Plan Phase I Environmental Assessment, Method 1 Risk Assessment and Response Action Outcome to close the site.

Project Date: 2009

Project Value – \$34,700; Contract Type – CPM; EA Project No. – 1470001; EA Project Manager –Frank Postma

Water Infiltration; Westerly, Rhode Island; Scott Gardiner—Project Manager for the investigation of water infiltration into a residential basement following the construction of an adjacent subdivision. Conducted area surveys, reviewed proposed subdivision plan and compared them against the survey data to determine the source of groundwater infiltration. Provided findings for litigation support

Project Date: 2009

Project Value – \$10,000; Contract Type – CPM; EA Project No. – 1470101; EA Project Manager – Frank Postma

Monitoring Well Abandonment; Ipswich, Massachusetts; Scangas Realty—Project Manager for the closure of monitoring wells following the completion of remedial activities associated with a release of gasoline constituents from a former service station. The monitoring well abandonment was conducted in accordance with the Massachusetts Department of Environmental Protection’s Standard Reference for Monitoring Well. The abandonment involved the pressure grouting of well casings, removal of the surface components and completing the abandonment with a concrete pad brought to grade.

Project Date: 2009

Project Value – \$8,430; Contract Type – CPM; EA Project No. – 1470301; EA Project Manager – Frank Postma

Soil Sampling; New Bedford, Rhode Island; ESS Laboratory—Project Manager responsible for the field location of a sample collection grid to confirm the extent of an excavation aimed to remove polychlorinated biphenyl-laden soils at the Shawmut Landfill. Composite soil samples were collected at each sample node and submitted to a Massachusetts certified laboratory for polychlorinated biphenyl analyses via U.S. Environmental Protection Agency Method 8082. The data was analyzed and additional remedial efforts were connected to excavate all impacted soil to the regulatory threshold. The results of the remedial efforts were documented in a regulatory report.

Project Date: 2009

Project Value – \$4,650; Contract Type – LS; EA Project No. – 6235901; EA Project Manager – Frank Postma

Landfill Monitoring; Worcester, Massachusetts; Bristol Traffic and Transportation Corporation—Project Manager for the preparation and implementation of the 30 Year Post-Closure Monitoring Plan. The plan required the assessment program for groundwater, surface water, and landfill gas. A monitoring network of groundwater

monitoring wells, surface water sampling points and soil gas sampling points were installed to assess the on-site and potential for offsite migration of leachate from a closed municipal solid waste landfill. The data was compiled and assessed against regulatory thresholds to determine if a corrective action plan required implementation. The results of the investigations are documented in a bi-annual report.

Project Date: 2009

Project Value – \$124,000; **Contract Type** – CPM; **EA Project No.** – 147001; **EA Project Manager** – Frank Postma

Massachusetts Contingency Plan Compliance; Lexington, Massachusetts; J.P. Carroll—Senior Project Manager responsible for the indentifying the appropriate regulatory pathway and negotiating the fines/language of an Administrative Consent Order with Penalty for an automotive recycling facility. The project required the registration and closure of 5 Underground Injection Control points, installation of two public water lines to abate an Imminent Hazard Condition and the assessment of soil and groundwater impacts. The source area was initially treated with *in situ* chemical oxidation. The project will require an Massachusetts Contingency Plan Phase IV Remedy Implementation Plan, Method 3 Risk Assessment, Activity and Use Limitation and Response Action Outcome to close the site.

Project Date: 2009

Project Value – \$184,700; **Contract Type** – CPM; **EA Project No.** – 147002; **EA Project Manager** –Frank Postma

Technical Oversight; Various Insurance Claim Sites; Massachusetts and Connecticut—Provided third-party regulatory, technical, and cost evaluations for environmental insurance claims. Provided expert testimony on contaminant fate and transport for subrogation and countersuit claims. Negotiated settlement costs and developed pricing indices to standardize invoice reviews.

Project Date: 2009

Site Investigation and Closure; Newport, Rhode Island; Forty 1 North—Senior Project Manager responsible for indentifying the appropriate regulatory pathway and negotiating the closure strategy for a property being converted from industrial to residential. The project required the preparation of Site Investigation Report, Public Notification, status report and Remedial Action Closure Report.

Project Value – \$40,560; **Contract Type** – CPM; **EA Project No.** – 1444801; **EA Project Manager** –Frank Postma

Site Investigation and Closure; Providence, Rhode Island; Steel Yard—Senior Project Manager responsible for implementation of a multi-dimensional capping system. The project required the preparation of Site Investigation Report, Public Notification, status report and Remedial Action Closure Report as well as grant reporting on two Brownfield properties. Provided support to resolve claims made against the property by an aggrieved neighbor. Project won the John H. Chaffee Environmental Excellence Award.

Project Value – \$27,200 **Contract Type** – CPM; **EA Project No.** – 1457401; **EA Project Manager** –Frank Postma

Due Diligence; ARGO Brownfield Property; Dorchester, Massachusetts—Teamed with an 8(a) firm to compile site data from historical society and facility records for a Brownfield property, fire insurance mapping, municipal offices, state agencies, and federal databases to develop a comprehensive site model of sensitive receptors, recognized environmental conditions, and contaminants of concern. Reconnoitered site to locate additional areas of concern, conduct interviews with facility personnel, and identify locations. Analyzed the accumulated data, developed recommendations, and documented the findings in accordance with American Society for Testing and Materials standards.

Project Value – \$43,225; **Contract Type** – CPM; **EA Project No.** – 1461404; **EA Project Manager** –Frank Postma

Construction Oversight and Remedial System Reinstallation; Warwick Intermodal Station; Warwick, Rhode Island—Provided technical oversight and field supervision for the relocation of the duel phase extraction system. Coordinated subcontractors to and construction prime to allow for the continuous operation of the system during the construction of the train station and parking garage. Managed the contaminated soil and oversaw the reinstallation of system components.

Project Value – \$143,345; **Contract Type** – Fixed; **EA Project No.** – 1461404; **EA Project Manager** –Frank Postma

Sub-Slab Depressurization System Operation and Reporting; Providence Public Schools; Providence, Rhode Island—Manage the operation of a multi-point sub-slab depressurization system installed to prevent the migration of chlorinated volatile organic compounds into a public high school. Represented the Providence School Department during Environmental Justice hearings. Documented the performance of the system and implemented system upgrades. Documented the effectiveness of the system and investigated fugitive contaminant detections.

Project Date: 2009

Project Value – \$137,000; Contract Type – CPM; EA Project No. – 1487701

Administrative Consent Order with Penalty Compliance and Immediate Response Action; Gasoline Release; Lexington, Massachusetts—Negotiated final language of Administrative Consent Order with Penalty for waste handling, recycling, underground injection control, and release violations at an operating auto recycling facility. Registered five and closed four underground injection control points. Designed and implemented a non-aqueous phase liquid removal program and a chemical oxidation system to address source area impacts. Identified an Imminent Hazard and facilitated the connection of several private wells to the municipal water supply. Completed the Immediate Response Action Plans and status reports. Prepared the Phase I Environmental Site Assessment and Tier Classification.

Project Date: 2009

Project Value – \$54,410; Contract Type – CPM; EA Project No. – 1470901

Civil Action Defense; Second Street Iron and Metals; Everett, Massachusetts—Developed and implemented a Stormwater Pollution Prevention Plan in accordance with the Multi-Sector General Permit. Developed and implemented three Best Management Practices that reduced the contaminant load in their stormwater discharge to the regulatory thresholds. Assisted in the negotiations with a citizen’s rights group to settle all claims arising from violations of the Clean Water Act.

Project Date: 2010

Project Value – \$24,230; Contract Type – CPM; EA Project No. – 1478001

Brownfield’s Remedial Cap Design, Installation and Closure Documentation; City of Providence; Providence, Rhode Island—Provided final design and cost estimates for the installation of an engineered cap for a former mill complex. Negotiated with the regulators to expedite the regulatory permitting and meet project specific deadlines. Provided contract and construction oversight with prime contractor. Negotiated change orders on the City’s behalf. Prepared all permit applications, public notifications and the Remedial Action Closure Report to complete the site remediation.

Project Date: 2009

Project Value – \$114,400 Contract Type – Fixed; EA Project No. – 6189105

Military Firing Range Investigation and Background Evaluation; Rhode Island National Guard Camp Fogarty; East Greenwich, Rhode Island—Developed a Quality Assurance Performance Plan for a multi-media sampling program designed to delineate that extent and degree of impacts from an historic firing ranges. Cleared the site of unexploded ordinance and maintained strict safety protocols during the investigation. Oversaw the collection of soil and groundwater samples using discrete, composite and multi-incremental sampling protocols. Prepared Site Investigation Report documenting the findings. Designed and implemented a background study to determine the origin of arsenic impacts.

Project Date: 2010

Project Value – \$121,000; Contract Type – Fixed; EA Project No. – 6245001

ISCO Remedial System Design and Implementation; Retail Commercial Mall; Peabody, Massachusetts—Conducted an extensive investigation to delineate a non-aqueous phase liquid plume that had migrated under an occupied retail establishment. Designed an *In Situ* Chemical Oxidation remedial additive and delivery system to allow for destruction of the non-aqueous phase liquid while controlling vapor migration and maintaining hydraulic control over the injection area. Installed and monitored effectiveness of remedial injections.

Project Date: 2009

Project Value – \$311,545; Contract Type – CPM; EA Project No. – 170302

Other Project Experience

Emergency Response Actions; Oil Carrier Insurance; Various Sites; 2009—Emergency response actions were undertaken and completed at 26 private residences, roadways, and industrial facilities for a fuel oil insurance carrier. Conducted assessment activities to delineate remaining impacts and identify sensitive receptors following initial containment. All sites achieved regulatory closure.

Bioremediation; Gasoline Service Station; Ipswich, Massachusetts; 2007—Negotiated the final language of the ACO and timelines to bring the site back into compliance. Designed the monitoring network to determine the extent and degree of impacts related to a failure of an underground storage tank system. Developed the comprehensive conceptual site model used to select the remedial alternative. Designed and implemented the remedial additive injection plan that reduced groundwater impacts to regulatory thresholds within 12 months. Prepared the Method 3 Risk Assessment.

Immediate Response Action; Fuel Oil Release; Charlton, Massachusetts; 2007—Conducted emergency response at a release from a 275-gal fuel oil tank release next to a brook and associated bordering vegetative wetland as a result of a fire. Coordinated response efforts with local and state investigative authorities. Designed and implemented the assessment plan of the soil, groundwater, surface water, and sediment. Designed and implemented a groundwater recovery and treatment system that functioned continuously for nine months. Prepared all regulatory planning and closure documentation.

Immediate Response Action; MODF Release; South Hadley, Massachusetts; 2007—Conducted the emergency response to assess and remediate a release from a pad-mounted transformer. Investigated the extent of the release in soil, groundwater, and indoor air. Directed the installation of a product recovery well and implemented an enhanced fluid recovery event to remove non-aqueous phase liquid from the groundwater. Prepared the Response Action Outcome supported with a Method 3 Risk Assessment to close the site.

Bioremediation; Gasoline Service Station; Leominster, Massachusetts; 2005—Designed the monitoring network to determine the extent and degree of impacts related to a failure of an underground storage tank system. Developed the comprehensive conceptual site model used to select the remedial alternative. Designed and implemented the remedial additive injection plan that reduced groundwater impacts to regulatory thresholds within 14 months. Designed, permitted, and implemented a cofferdam system to remove impacted sediment from the Nashua River. The project was completed in 2005.

Immediate Response Action; Gasoline Tank Release; Melrose, Massachusetts; 2004—Conducted emergency response at a release from a 10,000-gal gasoline tank release next to a brook. Coordinated response efforts with local, state, and federal authorities. Designed and implemented the assessment plan of the soil, groundwater, surface water, and sediment. Developed the comprehensive conceptual site model used to select the remedial alternative. Directed the excavation of the tank and impacted soils. Prepared all regulatory planning and closure documentation.

Immediate Response Action, Number 2 Fuel Oil Release; North Brookfield, Massachusetts; 2004—Conducted the emergency response to contain and containerize a ruptured fuel oil tank. Investigated the extent of the release in soil and groundwater. Directed the excavation of grossly impacted soils inside the residence. Designed and implemented non-aqueous phase liquid recovery, bio-vent, bio-injection, and chemical oxidation systems. Prepared the Response Action Outcome supported with a Method 3 Risk Assessment to close the site.

Soil and Aquifer Remediation; Former Gasoline Filling Station; Danvers, Massachusetts, 2004—Delineated the extent of petroleum-related impacts and developed a comprehensive conceptual site model. Conducted pilot tests of vapor and water phase extraction to determine the appropriate remedial alternative. Designed and implemented a high vacuum extraction system that maintained a 90 percent operation time over 12 months. Reduced soil and groundwater concentrations to site-specific standards.

Environmental Impact Report; Recycling Facility; Fitchburg, Massachusetts; 2003—Acquired the population, traffic, sensitive receptor, environmental, and need data. Developed conceptual facility design that included traffic flow patterns; process flow lines; material management protocols; load inspection and testing plans; and vector, odor, and dust control plans. Designed wastewater and stormwater collection systems. Prepared environmental justice analyses. Compiled and prepared individual plans into a comprehensive draft Environmental Impact Report. Testified on behalf of the proponent and answered all public comments in the Final Environmental Impact Report. Acquired the site assignment to permit the site for the proposed activities.

Soil Remediation; Oil Distribution Facility; North Brookfield, Massachusetts; 2003—Developed the investigation program to identify and delineate the area of historic impacts from an oil distribution facility located in a residential neighborhood. Developed the comprehensive conceptual site model used to select the remedial alternative. Prepared detailed cost estimation for U.S. Environmental Protection Agency Brownfields program for client financing. Directed the excavation of 1,450 cubic yards of contaminated soil and restoration of neighboring properties. Designed and implemented a soil vapor extraction system to remediate impacted soils abutting a residential foundation. Prepared regulatory planning and closure documentation.

Due Diligence; Multi-Use Converted Mill Facility; Pepperell, Massachusetts; 2002—Compiled site data from historical society and facility records, fire insurance mapping, municipal offices, state agencies, and federal databases to develop a comprehensive site model of sensitive receptors, recognized environmental conditions, and contaminants of concern. Reconnoitered site to locate additional areas of concern, conduct interviews with facility personnel, and identify locations. Analyzed the accumulated data, developed recommendations, and documented the findings in accordance with American Society for Testing and Materials standards.

Emergency Response, Fuel Oil Tanker Rollover; Dorchester, Massachusetts; 2001—Responded to and directed the initial emergency response activities that included multi-agency coordination of the Boston Fire Department, Boston Police Department, Massachusetts District Commission, Massachusetts Department of Environmental Protection, and U.S. Coast Guard to contain the release. Developed and implemented the assessment program to delineate the extent and degree of impacts. Determined and oversaw the remedial program. Documented the results of the remedial program, and prepared the closure documentation for the site.

Spill Prevention and Countermeasure Control Plans; Transportation Company; 2001—Conducted field audits and inventoried 23 transportation and leasing facilities for compliance with U.S. Environmental Protection Agency regulation 40 CFR 112. Developed fueling, spill response, and containment protocols to address the storage and transfer of petroleum products at the facilities. Documented the procedures and follow-up audits in a Spill Prevention and Countermeasure Control Plan.

Wetland Delineation and Permitting; Wilbraham, Massachusetts;—Delineated the wetland and riverfront boundaries using vegetation, hydrology, and soils. Prepared the Notice of Intent for the construction of a bus depot for submittal to the Massachusetts Department of Environmental Protection and the Wilbraham Conservation Commission.

Immediate Response Action; Gasoline Release; Manchester, Massachusetts—Delineated the extent of petroleum-related impacts and developed a comprehensive conceptual site model. Designed and implemented the assessment plan of the soil, groundwater, surface water, and sediment. Designed and implemented a groundwater recovery and treatment system that functioned continuously for 9 months. Prepared all regulatory planning and closure documentation.

Litigation Support; Subdivision Drainage Suit; Westerly, Rhode Island—Provided litigation support relative to stormwater drainage issues resulting from the development of an adjacent subdivision. Identified potential causes of groundwater infiltration into existing structure. Reviewed potential solutions to the root cause and provided recommendations to the settlement language.

Employment History

Employer—EA Engineering, Science, and Technology, Inc.

Dates of Employment—2009 – Present

Title—Client Manager

Employer—LFR Inc.

Dates of Employment—2005-2009

Title—Senior Project Manager

Employer—Corporate Environmental Advisors, Inc

Dates of Employment—1998-2005

Title—Project Manager

Employer—Loureiro Engineering Associates

Dates of Employment—1989-1999

Title—Field Operations Manager

List of Technical Skills and Specializations

- Petroleum and hazardous material regulations – Connecticut, Massachusetts, New Hampshire, and Pennsylvania
- Remedial design and implementation
- Septic system design and installation
- Site investigations and due diligence
- Third party insurance reviewer
- Wetland regulations and delineation

Mary Russo Geologist

Ms. Russo has 2 years of experience in the environmental consulting field. She has been involved in various phases of environmental investigation and remediation projects under the New York State Department of Environmental Conservation regulations. She has been involved with the Massachusetts Department of Environmental Protection and Rhode Island Department of Environmental Management programs and regulations. She also has experience writing remedial action plans, groundwater monitoring reports, underground storage tank closure reports, and subsurface investigation reports. Ms. Russo has participated in oversight and management on aspects of retail petroleum site, inactive hazardous waste site, and commercial site projects.

Professional Experience

Geology—Assisted in remediation of volatile organic compounds and chlorinated solvents using RegenOx, EHC-L injections. Oversaw de-watering procedures and directed soil sampling during tank removal activities. Collected groundwater monitoring well and water treatment samples for laboratory analysis. Managed subcontractors for well installations and waste removal. Conducted module installations for a soil gas survey. Directed onsite activities for commercial, retail, and inactive hazardous waste sites. Oversaw onsite well abandonment activities. Assessed properties affected by Hurricane Irene in an emergency response situation. Acquired Department of Transportation work permits for site installations.

Report Preparation—Manage deliverables and maintain project budgets. Created reports for groundwater sampling, subsurface investigation, and remedial action.

Research—Analyzed microfossils for the Menardii Fragmentation Index; a proxy for deep sea calcite preservation. Researched relationship of foraminifera and carbonate ion concentrations in their habitat water. Published research abstract and presented at annual American Geophysical Union conference.

Selected Publications and Presentations

Mekik, F. N. Noll, and M. Russo. 2010. *Progress Toward a Multi-Basin Calibration for Quantifying Deep Sea Calcite Preservation in the Tropical/Subtropical World Ocean*. Earth and Planetary Science Letters, Funded by National Science Foundation.

Russo, M. and M. Figen. 2010. *The Difference between Surface Ocean Carbonate Chemistry and Calcite Dissolution in Deep Sea Sediments as Observed in Tests of Globorotalia menardii*. American Geophysical Union Fall Meeting Abstracts, San Francisco, California.

Russo, et al. 2010. *Paleoaltitude of Mississippian Marshall Sandstone: Jackson, Michigan*. Grand Valley State University Student Scholarship Day Abstract, Allendale, Michigan.

Qualifications

Education

B.S.; Grand Valley State University; Geology; 2010
Western Michigan University; Field Course,
Hydrology; 2010

Specialized Training

OSHA 40-Hour Hazardous Waste
Operations and Emergency Response
Training; 2010
OSHA Supervisor Certification; 2010
Resource Conservation & Recovery Act
Hazardous Waste and Non-Hazardous
Waste Training Certification; 2012
American Petroleum Institute Worksafe
Training Certification; 2013
Loss Prevention System Certification; 2012
CPR and First Aid Training

Experience

Years with EA: 1 Total Years: 2

EA Project Experience

Puchack Wellfield Remediation, Pennsauken, New Jersey; U.S. Army Corps of Engineers–Kansas City District; Geologist—Operated an *in situ* hexavalent chromium treatment system which extracts contaminated groundwater and treats it with sodium lactate to reduce Cr⁺⁶ to Cr⁺³. Treated groundwater is then injected back into the aquifer. Completed daily calibration of equipment while performing routine operation and maintenance activities on the system. Executed daily set-up and breakdown of the treatment system. Ensured that sites were properly marked and maintained; applying appropriate set up for pedestrian and road traffic in public areas. Performed proper procedures for breakdown and maintenance of equipment in preparation of winter storm conditions.

Project Date: January 2013 – Present

Project Value – \$9,366,000; Contract Type – Cost Reimbursable; EA Project No. – 6239303; EA Project Manager – Edward Linkewich

Bryant University; Site Investigation; Smithfield, Rhode Island—Conducted site investigation to investigate potential impacts from a former underground storage tank for the Rhode Island Department of Environmental Management Underground Storage Tank Program. The investigation included monitoring well installation, soil sampling, and groundwater sampling via the low flow method with a peristaltic pump.

Project Date: March–June 2013

Project Value – \$11,000; Contract Type – LS; EA Project No. – 6270601; EA Project Manager – Ronald Mack

East Coast SeaFood; 21E Transaction Screen; Lynn, Massachusetts—Conducted interviews and site reconnaissance for completion of American Society for Testing and Materials Phase I Environmental Site Assessment. Visited government offices and reviewed historical documents regarding the environmental integrity of the property.

Project Date: March–April 2013

Project Value – \$2,000; Contract Type – LS; EA Project No. – 1471809; EA Project Manager – Frank Postma

Webster First Federal Credit Union; Phase I ESA; Gloucester, Massachusetts—Conducted interviews and site reconnaissance for completion of American Society for Testing and Materials Phase I Environmental Site Assessment. Visited government offices and reviewed historical documents regarding the environmental integrity of the property.

Project Date: June 2013 – Present

Project Value – \$23,850; Contract Type – LS; EA Project No. – 6271801; EA Project Manager – Frank Postma

Benevento Companies, Benevento Sand and Gravel Quarry; Stormwater Monitoring; Wilmington, Massachusetts; Task Manager—Conduct quarterly stormwater sampling at a large-scale sand and gravel facility. Assist in the generation of an updated Stormwater Pollution Prevention Plan to reflect site modifications and comply with the U.S. Environmental Protection Agency National Pollutant Discharge Elimination System Permit. Prepare Multi-Sector General Permit reports and documentation.

Project Date: February 2013 – Present

Project Value – \$60,000; Contract Type – Time and Materials; EA Project No. – 1488201; EA Project Manager – Frank Postma

Cullinan Engineering; Landfill Monitoring; Worcester, Massachusetts; Geologist—Responsible for conducting regular monitoring of groundwater, surface water, and landfill gas. A monitoring network of groundwater monitoring wells, surface water sampling points, and soil gas sampling points are monitored to assess the onsite and potential for offsite migration of leachate from a closed municipal solid waste landfill. Conduct additional sampling activities if exceedances are detected to investigate offsite impacts. Prepare regulatory reports.

Project Date: February 2013 – Present

Project Value – \$43,205; Contract Type – CPM; EA Project No. – 1495001; EA Project Manager – Frank Postma

J.P. Carroll; Massachusetts Contingency Plan Compliance; Lexington, Massachusetts—EA was responsible for identifying the appropriate regulatory pathway and negotiating the fines/language of an Administrative Consent Order with Penalty for an automotive recycling facility. The source area was initially treated with *in situ* chemical oxidation. Acting task manager for the biannual groundwater and drinking water sampling program.

Project Date: February 2013 – Present

Project Value – \$184,700; Contract Type – CPM; EA Project No. – 147002; EA Project Manager – Frank Postma

Massachusetts Department of Conservation and Recreation; Ponkapoag Golf Course Restoration, Canton, Massachusetts; Geologist—Assisting with the design of drainage and irrigation improvements of an approximately 300-acre public course in Canton, Massachusetts. Design includes stormwater modeling, wetland delineations, soil assessments, irrigation and settling pond modeling, and irrigation layout. In addition, assisting with the preparation of a Drainage Master Plan for 18 of 36 holes. Completed site reconnaissance for engineering plan preparations and conducted soil boring and sampling.

Project Date: March 2013 – Present

Project Value – \$693,106; Contract Type – CPM; EA Project No. – 1455701; EA Project Manager – Sam Whitin

Providence Department of Public Property; Alvarez High School; Providence, Rhode Island; Geologist—Responsible for subslab depressurization system operations and maintenance, indoor/ambient air sampling and monitoring, and subslab vapor sampling and monitoring at a municipal high school which was constructed on the site of a former manufacturing facility. The efforts completed have enabled the City of Providence to remediate and safely reuse a vacant City-owned property that had been contaminated after years of industrialized activity. The development of the site, along with similar activities by others at abutting parcels, has contributed to the remediation and revitalization of the portion of the Reservoir Avenue Triangle Community where the site resides.

Project Date: February 2013 – Present

Project Value – \$86,000; Contract Type – CPM; EA Project No. – 1468701; EA Project Manager – Frank Postma

Bianchi/Weiss Greenhouses; New York Department of Environmental Conservation, East Patchogue, New York—This site is a New York State Superfund project classified as a Class 2 inactive hazardous waste site. Conducted gauging of groundwater and groundwater sampling of monitoring wells via low flow sampling utilizing a peristaltic pump.

Project Date: May 2013

Project Value – \$721,854; Contract Type – CPFF; EA Project No. – 1436833; EA Project Manager – Robert Casey

Operational Range Assessment Program; U.S. Army Corps of Engineers, Fort Knox; Geologist—Geologist responsible for performing surface water sampling for potential impacts. Operational Range Assessment Program determines the impact of on-range training activities on the surrounding off-range areas. Detailed assessment includes the identification of munitions constituents, potential migration pathways, and receptors. Conceptual site models are created demonstrating potential pathways through review of current and historical data, a review of the physical setting, potential pathways, and potential exposure routes.

Project Date: March 2013

Project Value – \$7,991,188; Contract Type – CPFF; EA Project No. – 6246604; EA Project Manager – Dave Mercadante

Other Project Experience

Groundwater Monitoring and Remediation, New York City, New York- Coordinated field events and completed groundwater sampling and chemical injection of EHC-L for treatment of chlorinated solvents. Analyzed sampling results and completed report preparation for the New York State Department of Environmental Conservation.

Groundwater Monitoring and Well Installation, Yonkers, New York—Coordinated field activities and conducted groundwater sampling for monitoring of petroleum hydrocarbons. Completed a remedial action plan and oversaw the installation of groundwater monitoring wells for delineation of onsite contaminant plume. Analyzed groundwater and soil sample laboratory results and prepared reports for the New York State Department of Environmental Conservation.

Emergency Response, New York—Assessed properties of a subdivision where a release of fuel oil occurred due to Hurricane Irene. Conducted interviews with home owners and completed site reconnaissance to discover source and extent of impact to surrounding soil and wetlands.

Employment History

Employer—EA Engineering, Science, and Technology, Inc.

Dates of Employment—2013 – Present

Title—Geologist

Employer—Groundwater & Environmental Services, Inc., Patterson, New York

Dates of Employment—2011–2012

Title—Junior Geologist

Employer—Grand Valley State University, Allendale, Michigan

Dates of Employment—May–December 2012

Title—Student Researcher

List of Technical Skills and Specializations

- Air and soil vapor monitoring equipment such as the Landtec Landfill gas meter and photoionization detectors
- Chemical injection
- Development of plans/reports in adherence to Rhode Island Remediation Regulations and the Massachusetts Contingency Plan
- Drilling oversight
- EQuIS data processing
- Field analysis
- Field programs involving air/water/soil sampling
- Groundwater sampling using various techniques including peristaltic pumps, bladder pumps, and bailers
- Microsoft Office programs
- Permit acquisition
- POET sampling
- Site assessment
- Soil boring logs
- Underground storage tank activities oversight

Catherine A. Swanson, EIT Engineer

Ms. Swanson is a Massachusetts Engineer-in-Training (EIT) with 3 years of experience as an environmental engineer. Her technical experience includes subsurface investigations, sampling of environmental media, hydrogeological testing, remedial system implementation and maintenance, and industrial facility impact assessments. She also assists project managers in project coordination and scheduling, data reduction, mapping and analysis, and report preparation.

Ms. Swanson has experience working under the Massachusetts Petroleum Reimbursement Fund; on projects under the environmental regulatory bodies of Massachusetts, Rhode Island, Connecticut, and New Hampshire; and on federally managed project under the U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, and the Navy.

Professional Experience

Project Coordination—Participated on a federal project as the Team Leader of a five-person team. Duties included organizing and keeping to the schedule for the project, assigning tasks to team members, coordinating subcontractors and laboratory procurement, communicating directly with the client, and managing all administrative tasks of the project.

Technical Reports and Presentation—Experienced with writing technical memorandums, comprehensive culminating reports, regulatory reports, and preparing formal presentations for environmental site consulting and remediation.

Field Sampling and Site Investigations—Performed sampling activities for surface water, soil, sediment, air, and groundwater. Sampling experience includes soil by drilling and excavation; sediment and surface water collection by boat and wading; indoor and ambient air sampling; soil gas, subslab, and landfill gas screening and sampling; and groundwater by submersible and peristaltic pumps via applicable state and federal standard operating procedures. Site investigations include preliminary investigations and reviews of previously investigated locations for environmental conditions and feasibility of sampling activity.

Reporting—Wrote, edited, and compiled technical reports for registered contaminated sites under Massachusetts Department of Environmental Protection, the New Hampshire Department of Environmental Services, and the U.S. Army Corps of Engineers.

Excavation Oversight—Served as lead environmental field support for excavations at locations with contaminated soils, including gasoline underground storage tank removals. Provided plans and figures for soil excavation areas, collected confirmatory samples, documented appropriate characteristics of excavation for reporting, and coordinated with contractors to facilitate environmental aspects of the project.

ArcGIS and AutoCAD—Created and configured data using ArcMap and AutoCAD. Data included site plans, media sampling plans, utility maps, geological cross sections, contaminant isocontour maps, and groundwater flow maps.

Qualifications

Education

B.S. with honors; Tufts University; Environmental Engineering; 2011

Registrations/Certifications

Engineer-in-Training—MA, 2011

Specialized Training

OSHA 40-Hour Hazardous Waste Operations Safety Training; 2011

OSHA 8-Hour Hazardous Waste Operations Supervisor Training; 2012

OSHA 4-Hour Excavation and Trenching Safety Training; 2011

U.S. Army Corps of Engineers Construction Quality Management Training; 2014

National Safety Council 6-Hour Defensive Driving Course; 2012

CPR and First Aid Training; 2013

Experience

Years with EA: < 1

Total Years: 3

Selected Publications and Presentations

Charles River Watershed Association. 2010. Charles River Monthly Monitoring Program 2010 Year-End Report. Weston, Massachusetts.

EA Project Experience

J.P. Carroll; Massachusetts Contingency Plan Compliance; Lexington, Massachusetts—Provided technical and report preparation support at an automotive recycling facility in response to historical petroleum releases.

Benevento Sand and Stone; Benevento ABC Facility; Wilmington, Massachusetts—Provided technical and report preparation support following improvements to stormwater discharge structures at the site under a Massachusetts Department of Environmental Protection Order of Conditions. Aided in coordinating stormwater sampling to comply with the site U.S. Environmental Protection Agency National Pollutant Discharge Elimination System permit.

Other Project Experience

Former Fort Devens, U. S. Army Corps of Engineers—Supported a monitoring program at the Shepley's Hill Landfill under a 5-year, \$25 million remedial action contract at the Former Fort Devens in Devens, Massachusetts. Performed field work such as monitoring well installation, groundwater sampling, subcontractor oversight, report preparation, and data review.

Retail Service Stations, Major Oil Company—Provided scientific support at several sites in Massachusetts for Shell Oil Products, US. Activities included soil and groundwater sampling, data management, field oversight of monitoring well installations and excavations, site surveying and drafting, and assisting with technical and regulatory reports. Assisted with the operation, maintenance, and monitoring of light non-aqueous phase liquid recovery systems.

Military Base, Residential Housing, U. S. Navy—Conducted long-term monitoring for the Navy in Groton, Connecticut under a contract for remedial action operations and long-term monitoring with Naval Facilities Engineering Command Mid-Atlantic. Tasks included coordination of bottleware delivery, sample pickup and delivery, monitoring chain-of-custody documentation, performing data quality assurance/quality control, and ensuring staff were aware of proper procedures with regard to sample preservation, holding times, and quality management during field activities. Performed groundwater sampling via the U.S. Environmental Protection Agency low-flow groundwater sampling method, as well as assists in the coordination of field activities, including equipment management, sample management, and waste disposal management.

Military Base, Hazardous Waste Landfill, U.S. Navy—Conducted long-term monitoring for the Navy in Newport, Rhode Island under a contract for landfill gas and leachate sediment impact with Naval Facilities Engineering Command. Tasks included coordination of bottleware delivery, sample preservation, monitoring chain-of-custody documentation, performing data quality assurance/quality control, and ensuring staff were aware of proper procedures with regard to sample preservation, holding times, and quality management during field activities. Performed biota and sediment sampling from boats around the perimeter of the coastal landfill. Also aided in canister and tenax air sampling tube collection at landfill vents.

Former Automotive Service Stations, Environmental Law Firm—Conducted work for hazardous waste sites in Tiverton, Rhode Island in need of soil and groundwater remediation. Performed soil and groundwater sampling and data management.

Water Quality Management, Charles River Watershed Association—Completed work for the Charles River Watershed Association in Weston, Massachusetts. Managed, updated, and checked water quality datasets, wrote the annual water quality report, and prepared relevant maps, charts, and figures.

Water Quality Management, Massachusetts Water Resources Authority—Completed work for the Massachusetts Water Resources Authority in Boston, Massachusetts. Collected water samples and water quality data in Boston Harbor and surrounding wetlands. Additionally, observed laboratory work in the Massachusetts Water Resources Authority laboratory for processing water samples for bacteria culture for quality parameters such as dissolved oxygen, biological oxygen demand, ammonia, metals, total suspended solids, and bacteria.

Senior Capstone Project, Tufts University—Worked with a group of four Tufts University Civil and Environmental Engineering students on a project plan for rehabilitation of a 100-year old earthen dam in Andover, Massachusetts. The project covered assessment of the current dam, watershed features, and pond storage, plan for rehabilitation, construction schedule, and a maintenance plan for post-construction. Design parameters included client use of the property, state dam regulations, project cost, and ease of maintenance.

Employment History

Employer—EA Engineering, Science, and Technology, Inc.

Dates of Employment—July 2014 – Present

Title—Engineer I

Employer—Sovereign Consulting Inc.

Dates of Employment—October 2011 – July 2014

Title—Engineer

Employer—EST Associates, Inc.

Dates of Employment—July–September 2011

Title—Environmental Field Technician

Employer—Charles River Watershed Association

Dates of Employment—December 2010 – June 2011

Title— Watershed Science Intern

List of Technical Skills and Specializations

- Computer skills: Microsoft Office, Microsoft Access, ArcGIS, AutoCAD, Visual basic programming, various statistical programs
- Construction oversight
- Data management: quality assurance and control, table formatting, uploads to various reporting software, data visualization through maps or graphs, statistical analyses
- Sampling of environmental media using the following disparate technologies/methodologies: low-flow, 3-volume purge, micropurge, auto-sampler pumping programs, passive diffusion bags, passive soil gas (summa), active soil gas (pump), and generic grab-sampling technologies
- Sampling of various environmental media: soil, sediment, groundwater, surface water, soil gas, subslab vapor;
- Task and project management
- Technical writing
- Watercraft operation
- Well installation (hollow-stem auger, mud-rotary, air-rotary, direct-push technology) oversight

Appendix K

Indoor and Outdoor Air Sampling at the Francis J. Varieur Elementary School

Air Sampling at the Francis A. Varieur Elementary School

Two sets of air samples were collected at the Francis A. Varieur Elementary School, 486 Pleasant St., Pawtucket, on 22 August 2014. Seven air samples were collected inside and one outside the school for 60-65 minute periods beginning between 10:10 and 10:30 AM by staff from the Rhode Island Department of Environmental Management (RI DEM), Office of Air Resources. A second set of samples (14 indoor and one outdoor) was collected by a contractor of the City of Pawtucket for 62-98 minute periods beginning between 6:07 and 7:52 PM.

Samples were collected in evacuated canisters and analyzed with a gas chromatograph/mass spectrometer (GC/MS), consistent with US Environmental Protection Agency (EPA) Method TO-15. Since the State's GC/MS was not operational when the samples were taken, the RI DEM samples, as well as the City's samples, were collected in canisters provided by Alpha Analytical Laboratories and were analyzed by that laboratory.

The air sampling studies were conducted to investigate the possibility that the indoor air quality in the school may be impacted by vapor intrusion. Vapor intrusion occurs when pollutants that are in the groundwater, soil or soil gas under a building migrate into the building through openings, such as cracks, utility entries and floor drains, in the building's foundation. Soil gas is vapor that is in the space between soil particles.

The indoor air measurements focused on two chlorinated solvents in particular, tetrachloroethylene (also known as perchloroethylene or PCE) and trichloroethylene (TCE). In a RI DEM study conducted in the summer of 2014, levels of both TCE and PCE were elevated in soil gas samples collected at the southeast corner of the school property. PCE levels were not elevated in the other soil gas samples collected in that study, including those taken close to the school building. TCE was slightly elevated in one soil gas sample taken near the building, a sample taken on the southwestern side of the building, outside the cafeteria.

The results of both the RI DEM and the City samples are attached and are summarized in Table 1. TCE was not detected inside the school. PCE was detected in several of the indoor air samples, and was particularly elevated in samples taken on the western (Pleasant Street) side of the building, which is the area of the building that is most distant from the corner of the school property where the elevated soil gas PCE level was measured. As shown in Figure I, all indoor air PCE concentrations were below the EPA's health based residential indoor air Vapor Intrusion Screening Level (VISL) for PCE¹.

¹ The US EPA's Vapor Intrusion Screening Levels, (VISLs) were used in this document to evaluate the health impacts of pollutants measured in the Varieur School indoor air. The VISLs, which are based on a one in one million cancer risk and, for non-cancer effects, the EPA inhalation Reference Concentrations (RfCs) are listed at: <http://www.epa.gov/oswer/vaporintrusion/guidance.html> and in Table 1, attached.. RI DEM is aware that health benchmarks derived by other agencies may be different from the EPA values.

The source of the PCE in the indoor samples has not been identified. Vapor intrusion is not the suspected source because PCE levels were not elevated in the soil gas samples taken next to the school. PCE levels are often higher inside buildings than in outdoor air because PCE is a component of a number of commonly used cleaning products and can off-gas from recently dry cleaned clothes. A thorough review of the content of the products used at Varieur, including those used by maintenance staff, teachers, contractors, event sponsors and others who work in or use the school building would help to identify potential PCE sources. The PCE levels in Varieur School are similar to those seen inside other buildings in the United States². Although exposures to PCE in the Varieur School are fairly typical and are below the EPA's VISL health benchmarks, we support the Varieur School administration for recognizing that these exposures may be preventable and taking action to reduce PCE levels.

The method used to measure TCE and PCE also identifies a number of other volatile organic compounds (VOCs), as shown in Table 1. As in all air samples, several VOCs were identified in the samples collected inside the Varieur School. Pollutants detected include the following:

- **Trichlorofluoromethane (Freon 11)** levels in the indoor air throughout the school were substantially higher than those in outdoor air and were higher than the Freon 11 concentrations typically measured inside buildings. Elevated levels of this pollutant, which has been widely used as a refrigerant and propellant, were also detected in soil gas adjacent to the school, particularly in the soil gas sample taken outside the cafeteria. Therefore, the possibility that vapor intrusion contributes to indoor levels of Freon 11 in the building cannot be ruled out. Note that Freon 11 levels were much lower in soil gas samples taken elsewhere on the school property than in those taken close to the school, an indication that the elevated soil gas and indoor levels may be related to current or historic use of that refrigerant at the school. Since the indoor air concentrations of Freon 11 in the school were considerably lower than the EPA health-based VISL, no further action is necessary at this time to reduce these levels.
- As is often the case, **chloroform** levels inside the school were higher than in the outdoor air. Chloroform is emitted during the use of chlorinated water, particularly in activities that involve heat and/or that generate a spray, like showering. Chloroform can also be released during the use of cleaning products that contain chlorine. Chloroform levels measured in the school were highest in the cafeteria, kitchen and coatroom. The indoor concentrations were within the typical range of chloroform levels reported in buildings, but exceed the EPA residential VISL for that pollutant. Since the soil gas did not contain elevated levels of chloroform, it is unlikely that vapor intrusion contributes significantly to the indoor concentrations. Providing local ventilation to areas in which large quantities of water are used is consistent with best practices for controlling potential mold growth and may also reduce chloroform levels.

² US EPA Office of Solid Waste and Emergency Response, "Background Indoor Air Concentrations of VOCs in North American Residences (1990-2005): A Compilation of Statistics for Assessing Vapor Intrusion," 2011, Washington, DC. <http://www.epa.gov/oswer/vaporintrusion/documents/oswer-vapor-intrusion-background-Report-062411.pdf>

- The **1,2-dichloroethane** levels in some of the indoor air samples were higher than outdoor concentrations and slightly above the VISL health benchmark, but were well within the range of typical indoor levels of that substance. Note that there is some evidence that background indoor air levels of 1,2-dichloroethane in the United States are increasing over time and that that increase may be associated with polyresin decorations manufactured in China³.
- **Ethylbenzene** levels were elevated in the indoor air samples taken by the City's contractor in the western (Pleasant Street) side of the building, with the highest level measured in the cafeteria. The ethyl benzene levels in four of the City samples were slightly higher than EPA's VIISL. Note that ethyl benzene levels in the RI DEM samples, which were taken in the morning, were considerably lower than those in the City's samples, which were taken in the evening of the same day. Levels of several other aromatic hydrocarbons, specifically xylenes, trimethylbenzenes and 4-ethyltoluene, were also elevated in the same locations in the building in the evening samples but were not elevated in the morning samples. Therefore, it appears that a product containing aromatic hydrocarbons was used in the school in the period between the times that the RI DEM and the City's samples were collected. Products that contain those materials include paints, thinners, pesticides and glues.

As discussed above, indoor air pollutant concentrations are often higher than those in outdoor air. Indoor air pollution sources can include consumer products, chlorinated water and combustion processes, as well as vapor intrusion. While it is not possible to eliminate indoor air pollutants altogether, it is always preferable to minimize exposures to those pollutants to the extent practicable by identifying and eliminating materials that emit pollutants and by providing adequate ventilation, particularly in areas of buildings that are near indoor air pollutant sources. If Pawtucket takes steps to decrease indoor air pollutants, RI DEM is available to resample the indoor air in the Varieur School.

Questions about the indoor air sampling results should be directed to Barbara Morin of RI DEM Office of Air Resources at barbara.morin@dem.ri.gov or (401) 222-4700, ext. 7012. Questions about health effects of exposure to indoor air pollutants should be directed to Dr. Robert Vanderslice of the Rhode Island Department of Health at robert.vanderslice@health.ri.gov or (401) 222-7766.

³ Doucette WJ et al. "Emissions of 1,2-Dichloroethane from Holiday Decorations as a Source of Indoor Air Contaminants,": Ground Water Monitoring & Remediation, 30(1):67, 11/2009.
http://www.researchgate.net/publication/227703752_Emissions_of_12Dichloroethane_from_Holiday_Decorations_as_a_Source_of_Indoor_Air_Contamination

Figure 1 Perchloroethylene in Varieur Indoor Air 8/22/2014

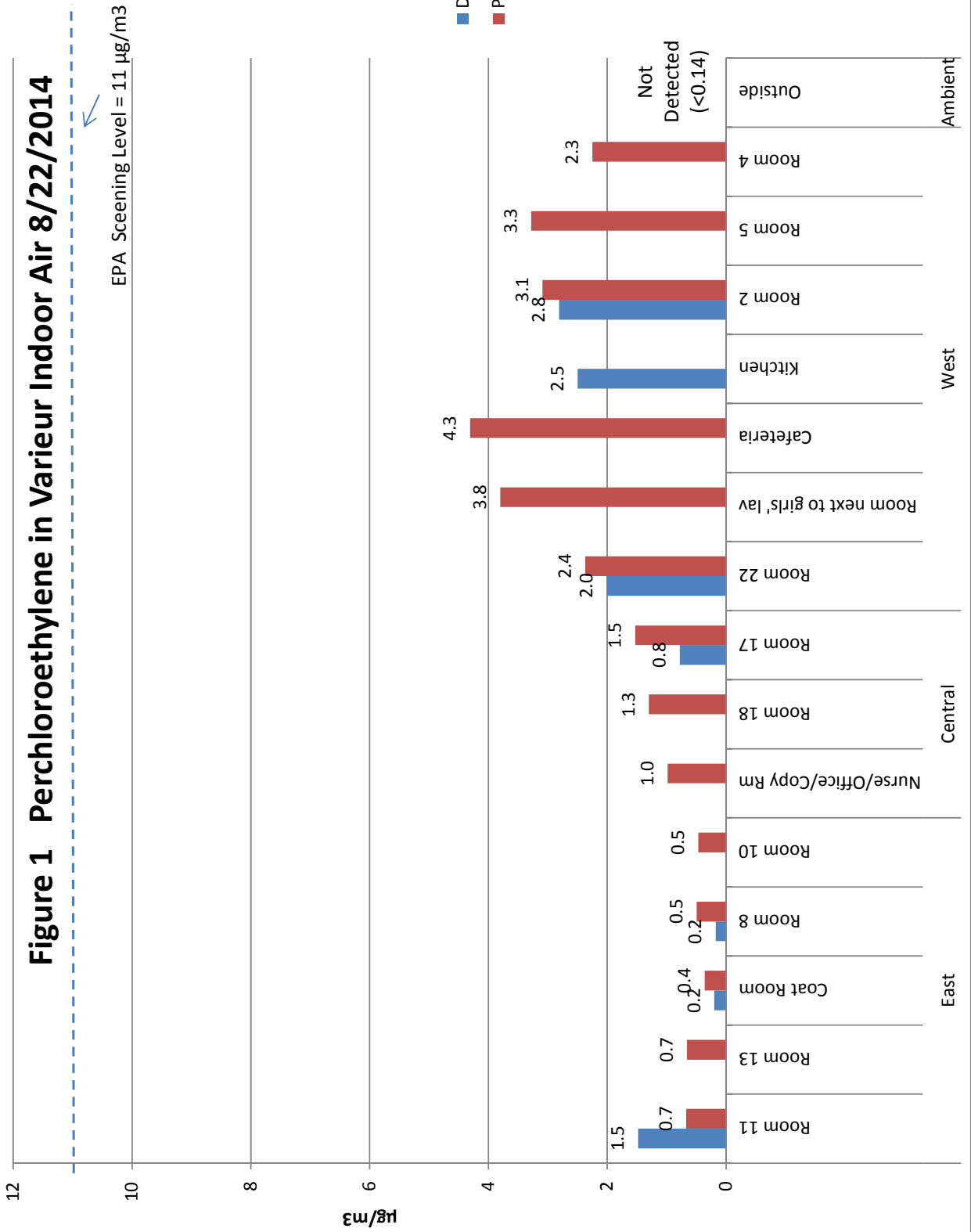


Table 1 Results of 8/22/14 Air Samples at Varieur School (all concentrations in $\mu\text{g}/\text{m}^3$)

	Res VLSL ⁴	RL ⁵	DEM Samples										City Samples											
			Room 8	Coat Room	Room 17	Room 22	Kitchen	Room 2	Room 11	Out side Rear	Nurse/ Office/ Copy Rm	Room 11	Room 13	Coat Room	Room 8	Room 10	Room 18	Room 17	Room 22	Room next to girls' lav	Cafe-teria	Room 2	Room 5	Room 4
Benzene	0.36	0.319	0.38	0.403	0.361	0.377	0.332	0.399	0.374	ND	0.38	0.399	0.444	0.409	0.412	0.47	0.332	0.335	0.326		0.335	0.323	0.351	ND
Bromodichloromethane	0.076	0.134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	2.6	0.207	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5.2	0.078	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene	0.094	0.044	0.053	0.055	0.049	0.044	ND	0.051	0.053	ND	ND	0.047	0.044	0.044	0.044	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.47	0.472	0.44	0.447	0.44	0.453	0.44	0.465	0.428	0.428	0.447	0.459	0.472	0.478	0.472	0.459	0.484	0.465	0.472	0.472	0.465	0.472	0.465	0.472
Chlorobenzene	52	0.092	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10000	0.053	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.12	0.098	0.269	0.835	0.259	0.298	0.723	0.298	0.405	0.107	0.303	0.43	1.14	0.469	0.396	0.225	0.288	0.313	0.64	1.21	0.479	0.606	0.283	ND
Chloromethane	94	1.03	ND	ND	1.04	1.04	1.09	1.14	ND	ND	1.12	1.15	1.16	1.17	1.14	ND	1.26	1.14	1.11	1.09	1.14	1.16	1.18	ND
Dibromochloromethane	0.1	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.0047	0.154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.26	0.12	0.12	ND	0.18	0.15	ND	0.132	0.15	ND	0.186	0.204	0.156	0.192	0.192	0.186	0.234	0.156	0.144	ND	0.12	0.15	0.162	ND
Dichlorodifluoromethane	100	0.247	1.29	1.22	1.63	2	1.3	0.89	1.87	1.39	1.14	0.944	1	1.07	0.999	0.969	0.959	0.954	1.23	1.33	1.3	1.18	0.979	1.23
1,1-Dichloroethane	1.8	0.079	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.11	0.081	0.15	0.125	0.125	0.125	ND	0.085	0.19	ND	0.101	0.202	0.182	0.251	0.263	0.125	0.125	0.125	ND	ND	0.097	0.113	0.105	ND
1,1-Dichloroethene	210	0.079	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		0.079	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		0.079	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.28	0.092	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

⁴ US EPA health-based Residential Indoor Air Vapor Intrusion Screening Level

⁵ Laboratory Reporting Limit



ANALYTICAL REPORT

Lab Number:	L1419202
Client:	RI DEM - Office of Waste Management 235 Promenade Street Providence, RI 02909
ATTN:	Joseph Martella
Phone:	(401) 222-4700
Project Name:	VARIEUR SCHOOL
Project Number:	Not Specified
Report Date:	08/28/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1419202-01	ROOM 8, CAN # 202	AIR	PAWTUCKET, RI	08/22/14 11:10	08/22/14
L1419202-02	COAT ROOM, CAN # 519	AIR	PAWTUCKET, RI	08/22/14 11:12	08/22/14
L1419202-03	ROOM 17, CAN # 406	AIR	PAWTUCKET, RI	08/22/14 11:14	08/22/14
L1419202-04	ROOM 22, CAN # 539	AIR	PAWTUCKET, RI	08/22/14 11:18	08/22/14
L1419202-05	KITCHEN, CAN # 374	AIR	PAWTUCKET, RI	08/22/14 11:22	08/22/14
L1419202-06	ROOM 2, CAN # 335	AIR	PAWTUCKET, RI	08/22/14 11:24	08/22/14
L1419202-07	ROOM 11, CAN # 384	AIR	PAWTUCKET, RI	08/22/14 11:27	08/22/14
L1419202-08	OUTSIDE REAR, CAN # 402	AIR	PAWTUCKET, RI	08/22/14 11:35	08/22/14

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on August 19, 2014. The canister certification results are provided as an addendum.

Laboratory Duplicate WG716702-5: The relative percent difference for Dichlorodifluoromethane (32%) is above the RPD limit of 25%. This compound represented less than 10% of the compounds detected, therefore no further action was taken.

The sample L1419202-01 had a RPD for the pre- and post-flow controller calibration check (59% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 32.5 mL/minute; the final flow rate was 60 mL/minute. The final pressure recorded by the laboratory of the associated canister was -0.0 inches of mercury.

The sample L1419202-02 had a RPD for the pre- and post-flow controller calibration check (36% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 33.5 mL/minute; the final flow rate was 48 mL/minute. The final pressure recorded by the laboratory of the associated canister was -0.0 inches of mercury.

The sample L1419202-03 had a RPD for the pre- and post-flow controller calibration check (69% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 31.2 mL/minute; the final flow rate was 64 mL/minute. The final pressure recorded by the laboratory of the associated canister was -0.0 inches of mercury.

The sample L1419202-05 had a RPD for the pre- and post-flow controller calibration check (55% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 30.0 mL/minute; the final flow rate was 53 mL/minute. The final pressure recorded by the laboratory of the associated canister was -0.1 inches of mercury.

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Case Narrative (continued)

The sample L1419202-06 had a RPD for the pre- and post-flow controller calibration check (43% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 36.0 mL/minute; the final flow rate was 56 mL/minute. The final pressure recorded by the laboratory of the associated canister was -14.4 inches of mercury.

The sample L1419202-07 had a RPD for the pre- and post-flow controller calibration check (45% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 31.0 mL/minute; the final flow rate was 49 mL/minute. The final pressure recorded by the laboratory of the associated canister was -0.0 inches of mercury.

The sample L1419202-08 had a RPD for the pre- and post-flow controller calibration check (21% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 31.5 mL/minute; the final flow rate was 39 mL/minute. The final pressure recorded by the laboratory of the associated canister was -1.70 inches of mercury.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 08/28/14

AIR

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-01
 Client ID: ROOM 8, CAN # 202
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 18:54
 Analyst: MB

Date Collected: 08/22/14 11:10
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.260	0.050	--	1.29	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.024	0.020	--	0.053	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	8.51	0.050	--	47.8	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.050	--	0.468	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.055	0.020	--	0.269	0.098	--		1
1,2-Dichloroethane	0.037	0.020	--	0.150	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.119	0.100	--	0.380	0.319	--		1
Carbon tetrachloride	0.070	0.020	--	0.440	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-01
 Client ID: ROOM 8, CAN # 202
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:10
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.413	0.050	--	1.56	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.026	0.020	--	0.176	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.067	0.020	--	0.291	0.087	--		1
p/m-Xylene	0.202	0.040	--	0.877	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.041	0.020	--	0.175	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.068	0.020	--	0.295	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.041	0.020	--	0.202	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.020	0.020	--	0.120	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-02
 Client ID: COAT ROOM, CAN # 519
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 19:58
 Analyst: MB

Date Collected: 08/22/14 11:12
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.246	0.050	--	1.22	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.025	0.020	--	0.055	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	10.2	0.050	--	57.3	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.056	0.050	--	0.429	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.171	0.020	--	0.835	0.098	--		1
1,2-Dichloroethane	0.031	0.020	--	0.125	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.126	0.100	--	0.403	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-02
 Client ID: COAT ROOM, CAN # 519
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:12
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.427	0.050	--	1.61	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.029	0.020	--	0.197	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.089	0.020	--	0.387	0.087	--		1
p/m-Xylene	0.270	0.040	--	1.17	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.043	0.020	--	0.183	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.082	0.020	--	0.356	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.041	0.020	--	0.202	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-03
 Client ID: ROOM 17, CAN # 406
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 20:30
 Analyst: MB

Date Collected: 08/22/14 11:14
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.330	0.050	--	1.63	0.247	--		1
Chloromethane	0.502	0.500	--	1.04	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.022	0.020	--	0.049	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	11.1	0.050	--	62.4	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.054	0.050	--	0.414	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.053	0.020	--	0.259	0.098	--		1
1,2-Dichloroethane	0.031	0.020	--	0.125	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.113	0.100	--	0.361	0.319	--		1
Carbon tetrachloride	0.070	0.020	--	0.440	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-03
 Client ID: ROOM 17, CAN # 406
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:14
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.739	0.050	--	2.78	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.115	0.020	--	0.780	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.083	0.020	--	0.361	0.087	--		1
p/m-Xylene	0.259	0.040	--	1.12	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.059	0.020	--	0.251	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.095	0.020	--	0.413	0.087	--		1
4-Ethyltoluene	0.020	0.020	--	0.098	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.056	0.020	--	0.275	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.030	0.020	--	0.180	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	91		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-04
 Client ID: ROOM 22, CAN # 539
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 21:01
 Analyst: MB

Date Collected: 08/22/14 11:18
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.405	0.050	--	2.00	0.247	--		1
Chloromethane	0.504	0.500	--	1.04	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.020	0.020	--	0.044	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	12.4	0.050	--	69.7	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.056	0.050	--	0.429	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.061	0.020	--	0.298	0.098	--		1
1,2-Dichloroethane	0.031	0.020	--	0.125	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.118	0.100	--	0.377	0.319	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-04
 Client ID: ROOM 22, CAN # 539
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:18
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.782	0.050	--	2.95	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.297	0.020	--	2.01	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.108	0.020	--	0.469	0.087	--		1
p/m-Xylene	0.341	0.040	--	1.48	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.062	0.020	--	0.264	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.120	0.020	--	0.521	0.087	--		1
4-Ethyltoluene	0.030	0.020	--	0.147	0.098	--		1
1,3,5-Trimethylbenzene	0.026	0.020	--	0.128	0.098	--		1
1,2,4-Trimethylbenzene	0.069	0.020	--	0.339	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.025	0.020	--	0.150	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	86		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-05
 Client ID: KITCHEN, CAN # 374
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 21:33
 Analyst: MB

Date Collected: 08/22/14 11:22
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.262	0.050	--	1.30	0.247	--		1
Chloromethane	0.528	0.500	--	1.09	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	14.2	0.050	--	79.8	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.056	0.050	--	0.429	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.148	0.020	--	0.723	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.104	0.100	--	0.332	0.319	--		1
Carbon tetrachloride	0.070	0.020	--	0.440	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-05
 Client ID: KITCHEN, CAN # 374
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:22
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.539	0.050	--	2.03	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.368	0.020	--	2.50	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.114	0.020	--	0.495	0.087	--		1
p/m-Xylene	0.410	0.040	--	1.78	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.061	0.020	--	0.260	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.160	0.020	--	0.695	0.087	--		1
4-Ethyltoluene	0.040	0.020	--	0.197	0.098	--		1
1,3,5-Trimethylbenzene	0.042	0.020	--	0.206	0.098	--		1
1,2,4-Trimethylbenzene	0.099	0.020	--	0.487	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-06
 Client ID: ROOM 2, CAN # 335
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 22:05
 Analyst: MB

Date Collected: 08/22/14 11:24
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.180	0.050	--	0.890	0.247	--		1
Chloromethane	0.551	0.500	--	1.14	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.023	0.020	--	0.051	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	16.4	0.050	--	92.2	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.065	0.050	--	0.498	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.061	0.020	--	0.298	0.098	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.125	0.100	--	0.399	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-06
 Client ID: ROOM 2, CAN # 335
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:24
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.675	0.050	--	2.54	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.414	0.020	--	2.81	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.135	0.020	--	0.586	0.087	--		1
p/m-Xylene	0.440	0.040	--	1.91	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.089	0.020	--	0.379	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.173	0.020	--	0.751	0.087	--		1
4-Ethyltoluene	0.068	0.020	--	0.334	0.098	--		1
1,3,5-Trimethylbenzene	0.056	0.020	--	0.275	0.098	--		1
1,2,4-Trimethylbenzene	0.134	0.020	--	0.659	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.022	0.020	--	0.132	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	82		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-07
 Client ID: ROOM 11, CAN # 384
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 22:37
 Analyst: MB

Date Collected: 08/22/14 11:27
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.378	0.050	--	1.87	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.024	0.020	--	0.053	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	12.9	0.050	--	72.5	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.083	0.020	--	0.405	0.098	--		1
1,2-Dichloroethane	0.047	0.020	--	0.190	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.117	0.100	--	0.374	0.319	--		1
Carbon tetrachloride	0.068	0.020	--	0.428	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-07
 Client ID: ROOM 11, CAN # 384
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:27
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.601	0.050	--	2.26	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.218	0.020	--	1.48	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.077	0.020	--	0.334	0.087	--		1
p/m-Xylene	0.213	0.040	--	0.925	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.060	0.020	--	0.255	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.076	0.020	--	0.330	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.050	0.020	--	0.246	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.025	0.020	--	0.150	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-08
 Client ID: OUTSIDE REAR, CAN # 402
 Sample Location: PAWTUCKET, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/25/14 23:08
 Analyst: MB

Date Collected: 08/22/14 11:35
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.281	0.050	--	1.39	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	0.210	0.050	--	1.18	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.022	0.020	--	0.107	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.068	0.020	--	0.428	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

SAMPLE RESULTS

Lab ID: L1419202-08
 Client ID: OUTSIDE REAR, CAN # 402
 Sample Location: PAWTUCKET, RI

Date Collected: 08/22/14 11:35
 Date Received: 08/22/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.150	0.050	--	0.565	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	0.051	0.040	--	0.222	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.020	0.020	--	0.087	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140



Project Name: VARIEUR SCHOOL

Lab Number: L1419202

Project Number: Not Specified

Report Date: 08/28/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/25/14 14:33

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-08 Batch: WG716702-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: VARIEUR SCHOOL

Lab Number: L1419202

Project Number: Not Specified

Report Date: 08/28/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/25/14 14:33

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-08 Batch: WG716702-4								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: VARIEUR SCHOOL

Lab Number: L1419202

Project Number: Not Specified

Report Date: 08/28/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/25/14 14:33

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-08 Batch: WG716702-4								
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Parameter	LCS		LCS		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	%Recovery	Limits	RPD	Qual
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 Batch: WG716702-3								
Dichlorodifluoromethane	112	-	-	-	70-130	-	-	25
Chloromethane	91	-	-	-	70-130	-	-	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	89	-	-	-	70-130	-	-	25
Vinyl chloride	92	-	-	-	70-130	-	-	25
1,3-Butadiene	99	-	-	-	70-130	-	-	25
Bromomethane	86	-	-	-	70-130	-	-	25
Chloroethane	93	-	-	-	70-130	-	-	25
Acetone	102	-	-	-	70-130	-	-	25
Trichlorofluoromethane	92	-	-	-	70-130	-	-	25
Acrylonitrile	86	-	-	-	70-130	-	-	25
1,1-Dichloroethene	100	-	-	-	70-130	-	-	25
Methylene chloride	102	-	-	-	70-130	-	-	25
1,1,2-Trichloro-1,2,2-Trifluoroethane	93	-	-	-	70-130	-	-	25
Halothane	76	-	-	-	70-130	-	-	25
trans-1,2-Dichloroethene	82	-	-	-	70-130	-	-	25
1,1-Dichloroethane	91	-	-	-	70-130	-	-	25
Methyl tert butyl ether	89	-	-	-	70-130	-	-	25
2-Butanone	93	-	-	-	70-130	-	-	25
cis-1,2-Dichloroethene	101	-	-	-	70-130	-	-	25
Chloroform	91	-	-	-	70-130	-	-	25
1,2-Dichloroethane	89	-	-	-	70-130	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Parameter	LCS		LCS D		%Recovery		RPD	Qual	RPD	Limits
	%Recovery	Qual	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 Batch: WG716702-3										
1,1,1-Trichloroethane	103	-	-	-	70-130	-	-	-	-	25
Benzene	95	-	-	-	70-130	-	-	-	-	25
Carbon tetrachloride	104	-	-	-	70-130	-	-	-	-	25
1,2-Dichloropropane	103	-	-	-	70-130	-	-	-	-	25
Bromodichloromethane	105	-	-	-	70-130	-	-	-	-	25
1,4-Dioxane	93	-	-	-	70-130	-	-	-	-	25
Trichloroethene	100	-	-	-	70-130	-	-	-	-	25
cis-1,3-Dichloropropene	105	-	-	-	70-130	-	-	-	-	25
4-Methyl-2-pentanone	110	-	-	-	70-130	-	-	-	-	25
trans-1,3-Dichloropropene	89	-	-	-	70-130	-	-	-	-	25
1,1,2-Trichloroethane	101	-	-	-	70-130	-	-	-	-	25
Toluene	87	-	-	-	70-130	-	-	-	-	25
Dibromochloromethane	93	-	-	-	70-130	-	-	-	-	25
1,2-Dibromoethane	91	-	-	-	70-130	-	-	-	-	25
Tetrachloroethene	84	-	-	-	70-130	-	-	-	-	25
1,1,1,2-Tetrachloroethane	84	-	-	-	70-130	-	-	-	-	25
Chlorobenzene	88	-	-	-	70-130	-	-	-	-	25
Ethylbenzene	91	-	-	-	70-130	-	-	-	-	25
p/m-Xylene	91	-	-	-	70-130	-	-	-	-	25
Bromoform	90	-	-	-	70-130	-	-	-	-	25
Styrene	90	-	-	-	70-130	-	-	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Parameter	LCS		LCS		LCS		LCS		RPD	
	%Recovery	Qual	%Recovery	Qual	%Recovery	Qual	%Recovery	Qual	RPD	Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 Batch: WG716702-3										
1,1,2,2-Tetrachloroethane	92	-	-	-	70-130	-	-	-	25	25
o-Xylene	92	-	-	-	70-130	-	-	-	25	25
Isopropylbenzene	88	-	-	-	70-130	-	-	-	25	25
4-Ethyltoluene	86	-	-	-	70-130	-	-	-	25	25
1,3,5-Trimethylbenzene	90	-	-	-	70-130	-	-	-	25	25
1,2,4-Trimethylbenzene	93	-	-	-	70-130	-	-	-	25	25
1,3-Dichlorobenzene	88	-	-	-	70-130	-	-	-	25	25
1,4-Dichlorobenzene	86	-	-	-	70-130	-	-	-	25	25
sec-Butylbenzene	87	-	-	-	70-130	-	-	-	25	25
p-Isopropyltoluene	81	-	-	-	70-130	-	-	-	25	25
1,2-Dichlorobenzene	89	-	-	-	70-130	-	-	-	25	25
n-Butylbenzene	93	-	-	-	70-130	-	-	-	25	25
1,2,4-Trichlorobenzene	93	-	-	-	70-130	-	-	-	25	25
Naphthalene	96	-	-	-	70-130	-	-	-	25	25
1,2,3-Trichlorobenzene	94	-	-	-	70-130	-	-	-	25	25
Hexachlorobutadiene	90	-	-	-	70-130	-	-	-	25	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG716702-5 QC Sample: L1419202-01 Client ID: ROOM 8, CAN # 202						
Dichlorodifluoromethane	0.260	0.358	ppbV	32	Q	25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.024	0.025	ppbV	4		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Trichlorofluoromethane	8.51	8.46	ppbV	1		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.055	ppbV	10		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.055	0.055	ppbV	0		25
1,2-Dichloroethane	0.037	0.037	ppbV	0		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	0.119	0.119	ppbV	0		25



Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG716702-5 QC Sample: L1419202-01 Client ID: ROOM 8, CAN # 202					
Carbon tetrachloride	0.070	0.069	ppbV	1	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	0.413	0.407	ppbV	1	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.026	0.026	ppbV	0	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.067	0.066	ppbV	2	25
p/m-Xylene	0.202	0.200	ppbV	1	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.041	0.040	ppbV	2	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.068	0.067	ppbV	1	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG716702-5 QC Sample: L1419202-01 Client ID: ROOM 8, CAN # 202					
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.041	0.041	ppbV	0	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.020	0.020	ppbV	0	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Serial_No:08281415:27
 Lab Number: L1419202
 Report Date: 08/28/14

Project Name: VARIEUR SCHOOL
 Project Number:

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1419202-01	ROOM 8, CAN # 202	0081	#90 SV	08/19/14	107118		-	-	-	Pass	32.5	60	59
L1419202-01	ROOM 8, CAN # 202	202	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.3	-0.0	-	-	-	-
L1419202-02	COAT ROOM, CAN # 519	0341	#90 AMB	08/19/14	107118		-	-	-	Pass	33.5	48	36
L1419202-02	COAT ROOM, CAN # 519	519	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.4	-0.0	-	-	-	-
L1419202-03	ROOM 17, CAN # 406	0154	#90 SV	08/19/14	107118		-	-	-	Pass	31.2	64	69
L1419202-03	ROOM 17, CAN # 406	406	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.4	-0.0	-	-	-	-
L1419202-04	ROOM 22, CAN # 539	0337	#90 SV	08/19/14	107118		-	-	-	Pass	32.0	36	12
L1419202-04	ROOM 22, CAN # 539	539	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.3	-5.5	-	-	-	-
L1419202-05	KITCHEN, CAN # 374	0302	#90 SV	08/19/14	107118		-	-	-	Pass	30.0	53	55
L1419202-05	KITCHEN, CAN # 374	374	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.3	-0.1	-	-	-	-
L1419202-06	ROOM 2, CAN # 335	0267	#90 SV	08/19/14	107118		-	-	-	Pass	36.0	56	43
L1419202-06	ROOM 2, CAN # 335	335	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.3	-14.4	-	-	-	-
L1419202-07	ROOM 11, CAN # 384	0070	#90 SV	08/19/14	107118		-	-	-	Pass	31.0	49	45
L1419202-07	ROOM 11, CAN # 384	384	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.4	-0.0	-	-	-	-
L1419202-08	OUTSIDE REAR, CAN # 402	0016	#90 SV	08/19/14	107118		-	-	-	Pass	31.5	39	21



Serial_No:08281415:27
 Lab Number: L1419202
 Report Date: 08/28/14

Project Name: VARIEUR SCHOOL
 Project Number:

Canister and Flow Controller Information

Sample Number	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1419202-08	OUTSIDE REAR, CAN # 402	402	2.7L Can	08/19/14	107118	L1418520-02	Pass	-29.3	-1.7	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 08/15/14 11:19
 Analyst: RY

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	94		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/15/14 11:19
 Analyst: RY

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418520
Report Date: 08/28/14

Air Canister Certification Results

Lab ID: L1418520-02
 Client ID: CAN 144 SHELF 3
 Sample Location:

Date Collected: 08/14/14 17:57
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	98		60-140



Project Name: VARIEUR SCHOOL**Lab Number:** L1419202**Project Number:** Not Specified**Report Date:** 08/28/14**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1419202-01A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-02A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-03A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-04A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-05A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-06A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-07A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419202-08A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.

Report Format: Data Usability Report



Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

Data Qualifiers

- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: VARIEUR SCHOOL
Project Number: Not Specified

Lab Number: L1419202
Report Date: 08/28/14

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

ALPHA CHAIN OF CUSTODY
 320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

PAGE _____ OF _____

Project Information
 Project Name: _____
 Project Location: _____
 Project #: _____
 Project Manager: _____
 ALPHA Quote #: _____
Turn-Around Time
 Standard RUSH (only confirmed if pre-approved)
 Date Due: _____ Time: _____

Date Rec'd in Lab: _____

Report Information - Data Deliverables
 FAX
 ADEX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: _____
 Report to: (if different than Project Manager) _____

ALPHA Job #: L1419202

Billing Information
 Same as Client info PO #: _____

Regulatory Requirements/Report Limits
 State/Fed Program Criteria

ANALYSIS

TO-14A by TO-15	
TO-15 SIM	
TO-15	
APH	
FIXED GASES	
TO-13A	
TO-4 / TO-10	
Sample Comments (i.e. PID)	

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	Sample Comments (i.e. PID)
19202.01	can # 202	8/22	10:10	11:10	-30.1	-0.00	AA	DA	2.7	202	0081	room 8
02	can # 519	8/22	10:12	11:12	-29.9	-0.00	AA	DA	2.7	519	0341	coat room
03	can # 406	8/22	10:14	11:14	-30.2	-0.00	AA	DA	2.7	406	0154	room 17
04	can # 539	8/22	10:16	11:18	-30.2	-0.00	AA	DA	2.7	539	0337	room 22
05	can # 374	8/22	10:19	11:22	-29.9	-0.00	AA	DA	2.7	374	0302	kitchen
06	can # 335	8/22	10:22	11:24	-30.2	-0.00	AA	DA	2.7	335	0267	room 2
07	can # 384	8/22	10:27	11:27	-29.9	-0.00	AA	DA	2.7	384	0070	room 11
08	can # 402	8/22	10:30	11:35	-29.8	-1.0	AA	DA	2.7	402	0016	outside rear

*** SAMPLE MATRIX CODES**
 AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type: _____

Relinquished By: _____ Date/Time: _____

Received By: [Signature] Date/Time: 8/22/14 14:42

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Client Information
 Client: RIDEM - Air Resources
 Address: 235 Promenade St
Providence, RI 02908
 Phone: 401-222-2808
 Fax: _____
 Email: darren.austik@dem.n.gov

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:



ANALYTICAL REPORT

Lab Number:	L1419225
Client:	R.I. Analytical Laboratories, Inc. 41 Illinois Avenue Warwick, RI 02888
ATTN:	James Gallagher
Phone:	(800) 937-2580
Project Name:	VARIEUR ELEMENTARY SCHOOL
Project Number:	140671
Report Date:	08/25/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1419225-01	A1 N2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-02	N1 A2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-03	M1 N2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-04	COATS	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-05	K1 L2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-06	L1 K2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-07	H1 J2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-08	J1 H2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-09	F1 G2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-10	C1 E2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-11	E1 D2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-12	B1 E2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-13	C1 E2-2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-14	A1 N2	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14
L1419225-15	EXT	AIR	485 PLEASANT STREET, PAWTUCKET, RI	08/22/14 00:00	08/23/14

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on August 22, 2014. The canister certification results are provided as an addendum.

Laboratory Duplicate WG716362-5: The relative percent difference for Dichlorodifluoromethane (26%) is above the RPD limit of 25%. This compound represented less than 10% of the compounds detected, therefore no further action was taken.

Sample Receipt

The canister ID number for the sample designated COATS (L1419225-04) is listed on the chain of custody form as 0192 but should 9192.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 08/25/14

AIR

Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-01
 Client ID: A1 N2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 12:27
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.230	0.050	--	1.14	0.247	--		1
Chloromethane	0.544	0.500	--	1.12	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	17.0	0.050	--	95.5	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.052	0.050	--	0.399	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.062	0.020	--	0.303	0.098	--		1
1,2-Dichloroethane	0.025	0.020	--	0.101	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-01
 Client ID: A1 N2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	3.24	0.050	--	12.2	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.145	0.020	--	0.983	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.104	0.020	--	0.452	0.087	--		1
p/m-Xylene	0.321	0.040	--	1.39	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.068	0.020	--	0.290	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.109	0.020	--	0.473	0.087	--		1
4-Ethyltoluene	0.044	0.020	--	0.216	0.098	--		1
1,3,5-Trimethylbenzene	0.038	0.020	--	0.187	0.098	--		1
1,2,4-Trimethylbenzene	0.082	0.020	--	0.403	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.031	0.020	--	0.186	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	99		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-02
 Client ID: N1 A2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 13:39
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.191	0.050	--	0.944	0.247	--		1
Chloromethane	0.558	0.500	--	1.15	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	17.4	0.050	--	97.8	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.054	0.050	--	0.414	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.088	0.020	--	0.430	0.098	--		1
1,2-Dichloroethane	0.050	0.020	--	0.202	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.119	0.100	--	0.380	0.319	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-02

Date Collected: 08/22/14 00:00

Client ID: N1 A2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.979	0.050	--	3.69	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.099	0.020	--	0.671	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.097	0.020	--	0.421	0.087	--		1
p/m-Xylene	0.279	0.040	--	1.21	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.077	0.020	--	0.328	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.099	0.020	--	0.430	0.087	--		1
4-Ethyltoluene	0.028	0.020	--	0.138	0.098	--		1
1,3,5-Trimethylbenzene	0.026	0.020	--	0.128	0.098	--		1
1,2,4-Trimethylbenzene	0.062	0.020	--	0.305	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.034	0.020	--	0.204	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	90		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-03
 Client ID: M1 N2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 14:16
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.227	0.050	--	1.12	0.247	--		1
Chloromethane	0.568	0.500	--	1.17	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	17.8	0.050	--	100	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.065	0.050	--	0.498	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.109	0.020	--	0.532	0.098	--		1
1,2-Dichloroethane	0.047	0.020	--	0.190	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.125	0.100	--	0.399	0.319	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-03
 Client ID: M1 N2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.01	0.050	--	3.81	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.097	0.020	--	0.658	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	0.023	0.020	--	0.106	0.092	--		1
Ethylbenzene	0.104	0.020	--	0.452	0.087	--		1
p/m-Xylene	0.302	0.040	--	1.31	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.078	0.020	--	0.332	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.104	0.020	--	0.452	0.087	--		1
4-Ethyltoluene	0.029	0.020	--	0.143	0.098	--		1
1,3,5-Trimethylbenzene	0.024	0.020	--	0.118	0.098	--		1
1,2,4-Trimethylbenzene	0.061	0.020	--	0.300	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.033	0.020	--	0.198	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-04
 Client ID: COATS
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 14:52
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.203	0.050	--	1.00	0.247	--		1
Chloromethane	0.560	0.500	--	1.16	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.021	0.020	--	0.047	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	19.4	0.050	--	109	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.234	0.020	--	1.14	0.098	--		1
1,2-Dichloroethane	0.045	0.020	--	0.182	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.139	0.100	--	0.444	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-04

Date Collected: 08/22/14 00:00

Client ID: COATS

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.623	0.050	--	2.35	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.053	0.020	--	0.359	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.105	0.020	--	0.456	0.087	--		1
p/m-Xylene	0.322	0.040	--	1.40	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.068	0.020	--	0.290	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.096	0.020	--	0.417	0.087	--		1
4-Ethyltoluene	0.021	0.020	--	0.103	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.043	0.020	--	0.211	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.026	0.020	--	0.156	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	85		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-05
 Client ID: K1 L2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 15:28
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.217	0.050	--	1.07	0.247	--		1
Chloromethane	0.568	0.500	--	1.17	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.020	0.020	--	0.044	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	16.2	0.050	--	91.0	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.096	0.020	--	0.469	0.098	--		1
1,2-Dichloroethane	0.062	0.020	--	0.251	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.128	0.100	--	0.409	0.319	--		1
Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-05

Date Collected: 08/22/14 00:00

Client ID: K1 L2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.694	0.050	--	2.62	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.073	0.020	--	0.495	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.098	0.020	--	0.426	0.087	--		1
p/m-Xylene	0.297	0.040	--	1.29	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.067	0.020	--	0.285	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.097	0.020	--	0.421	0.087	--		1
4-Ethyltoluene	0.021	0.020	--	0.103	0.098	--		1
1,3,5-Trimethylbenzene	0.020	0.020	--	0.098	0.098	--		1
1,2,4-Trimethylbenzene	0.053	0.020	--	0.261	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.032	0.020	--	0.192	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	82		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-06
 Client ID: L1 K2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 16:04
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.202	0.050	--	0.999	0.247	--		1
Chloromethane	0.553	0.500	--	1.14	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.020	0.020	--	0.044	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	15.5	0.050	--	87.1	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.054	0.050	--	0.414	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.081	0.020	--	0.396	0.098	--		1
1,2-Dichloroethane	0.065	0.020	--	0.263	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.129	0.100	--	0.412	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-06

Date Collected: 08/22/14 00:00

Client ID: L1 K2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.626	0.050	--	2.36	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.069	0.020	--	0.468	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.091	0.020	--	0.395	0.087	--		1
p/m-Xylene	0.272	0.040	--	1.18	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.063	0.020	--	0.268	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.091	0.020	--	0.395	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.049	0.020	--	0.241	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.032	0.020	--	0.192	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	83		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-07
 Client ID: H1 J2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 16:40
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.196	0.050	--	0.969	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	14.9	0.050	--	83.7	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.046	0.020	--	0.225	0.098	--		1
1,2-Dichloroethane	0.031	0.020	--	0.125	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.147	0.100	--	0.470	0.319	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-07

Date Collected: 08/22/14 00:00

Client ID: H1 J2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.34	0.050	--	5.05	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.191	0.020	--	1.30	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.161	0.020	--	0.699	0.087	--		1
p/m-Xylene	0.538	0.040	--	2.34	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.068	0.020	--	0.290	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.183	0.020	--	0.795	0.087	--		1
4-Ethyltoluene	0.058	0.020	--	0.285	0.098	--		1
1,3,5-Trimethylbenzene	0.050	0.020	--	0.246	0.098	--		1
1,2,4-Trimethylbenzene	0.121	0.020	--	0.595	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.031	0.020	--	0.186	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	81		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	83		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-08
 Client ID: J1 H2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 17:17
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.194	0.050	--	0.959	0.247	--		1
Chloromethane	0.608	0.500	--	1.26	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	19.6	0.050	--	110	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	0.050	--	0.437	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.059	0.020	--	0.288	0.098	--		1
1,2-Dichloroethane	0.031	0.020	--	0.125	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.104	0.100	--	0.332	0.319	--		1
Carbon tetrachloride	0.077	0.020	--	0.484	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-08
 Client ID: J1 H2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.14	0.050	--	4.30	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.226	0.020	--	1.53	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.150	0.020	--	0.652	0.087	--		1
p/m-Xylene	0.492	0.040	--	2.14	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.066	0.020	--	0.281	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.171	0.020	--	0.743	0.087	--		1
4-Ethyltoluene	0.072	0.020	--	0.354	0.098	--		1
1,3,5-Trimethylbenzene	0.062	0.020	--	0.305	0.098	--		1
1,2,4-Trimethylbenzene	0.132	0.020	--	0.649	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.039	0.020	--	0.234	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	78		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-09
 Client ID: F1 G2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 17:53
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.193	0.050	--	0.954	0.247	--		1
Chloromethane	0.554	0.500	--	1.14	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	15.9	0.050	--	89.4	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.064	0.020	--	0.313	0.098	--		1
1,2-Dichloroethane	0.031	0.020	--	0.125	0.081	--		1
1,1,1-Trichloroethane	0.022	0.020	--	0.120	0.109	--		1
Benzene	0.105	0.100	--	0.335	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-09
 Client ID: F1 G2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.784	0.050	--	2.95	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.349	0.020	--	2.37	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.183	0.020	--	0.795	0.087	--		1
p/m-Xylene	0.611	0.040	--	2.65	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.067	0.020	--	0.285	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.206	0.020	--	0.895	0.087	--		1
4-Ethyltoluene	0.095	0.020	--	0.467	0.098	--		1
1,3,5-Trimethylbenzene	0.076	0.020	--	0.374	0.098	--		1
1,2,4-Trimethylbenzene	0.161	0.020	--	0.792	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.026	0.020	--	0.156	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	81		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-10
 Client ID: C1 E2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 18:29
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.248	0.050	--	1.23	0.247	--		1
Chloromethane	0.539	0.500	--	1.11	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	16.8	0.050	--	94.4	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.131	0.020	--	0.640	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.102	0.100	--	0.326	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-10

Date Collected: 08/22/14 00:00

Client ID: C1 E2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.990	0.050	--	3.73	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.560	0.020	--	3.80	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.448	0.020	--	1.95	0.087	--		1
p/m-Xylene	1.63	0.040	--	7.08	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.067	0.020	--	0.285	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.542	0.020	--	2.35	0.087	--		1
4-Ethyltoluene	0.273	0.020	--	1.34	0.098	--		1
1,3,5-Trimethylbenzene	0.213	0.020	--	1.05	0.098	--		1
1,2,4-Trimethylbenzene	0.454	0.020	--	2.23	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.024	0.020	--	0.144	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	81		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-11
 Client ID: E1 D2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 19:05
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.269	0.050	--	1.33	0.247	--		1
Chloromethane	0.527	0.500	--	1.09	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	17.9	0.050	--	101	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.050	--	0.468	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.247	0.020	--	1.21	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-11

Date Collected: 08/22/14 00:00

Client ID: E1 D2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.03	0.050	--	3.88	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.635	0.020	--	4.31	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.567	0.020	--	2.46	0.087	--		1
p/m-Xylene	2.09	0.040	--	9.08	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.061	0.020	--	0.260	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.704	0.020	--	3.06	0.087	--		1
4-Ethyltoluene	0.368	0.020	--	1.81	0.098	--		1
1,3,5-Trimethylbenzene	0.274	0.020	--	1.35	0.098	--		1
1,2,4-Trimethylbenzene	0.595	0.020	--	2.93	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	82		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-12
 Client ID: B1 E2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 19:42
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.263	0.050	--	1.30	0.247	--		1
Chloromethane	0.554	0.500	--	1.14	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	18.3	0.050	--	103	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.055	0.050	--	0.422	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.098	0.020	--	0.479	0.098	--		1
1,2-Dichloroethane	0.024	0.020	--	0.097	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.105	0.100	--	0.335	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-12

Date Collected: 08/22/14 00:00

Client ID: B1 E2

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.993	0.050	--	3.74	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.456	0.020	--	3.09	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.305	0.020	--	1.32	0.087	--		1
p/m-Xylene	1.04	0.040	--	4.52	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.079	0.020	--	0.336	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.366	0.020	--	1.59	0.087	--		1
4-Ethyltoluene	0.206	0.020	--	1.01	0.098	--		1
1,3,5-Trimethylbenzene	0.143	0.020	--	0.703	0.098	--		1
1,2,4-Trimethylbenzene	0.263	0.020	--	1.29	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.020	0.020	--	0.120	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-13
 Client ID: C1 E2-2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 20:17
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.239	0.050	--	1.18	0.247	--		1
Chloromethane	0.560	0.500	--	1.16	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	17.8	0.050	--	100	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.056	0.050	--	0.429	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.124	0.020	--	0.606	0.098	--		1
1,2-Dichloroethane	0.028	0.020	--	0.113	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.101	0.100	--	0.323	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-13
 Client ID: C1 E2-2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.998	0.050	--	3.76	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.483	0.020	--	3.28	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.403	0.020	--	1.75	0.087	--		1
p/m-Xylene	1.39	0.040	--	6.04	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.069	0.020	--	0.294	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.475	0.020	--	2.06	0.087	--		1
4-Ethyltoluene	0.252	0.020	--	1.24	0.098	--		1
1,3,5-Trimethylbenzene	0.202	0.020	--	0.993	0.098	--		1
1,2,4-Trimethylbenzene	0.423	0.020	--	2.08	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.025	0.020	--	0.150	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	82		60-140
chlorobenzene-d5	79		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-14
 Client ID: A1 N2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 20:54
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.198	0.050	--	0.979	0.247	--		1
Chloromethane	0.572	0.500	--	1.18	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	20.4	0.050	--	115	0.281	--		1
1,1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.054	0.050	--	0.414	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	0.058	0.020	--	0.283	0.098	--		1
1,2-Dichloroethane	0.026	0.020	--	0.105	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.110	0.100	--	0.351	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

SAMPLE RESULTS

Lab ID: L1419225-14
 Client ID: A1 N2
 Sample Location: 485 PLEASANT STREET, PAWTUCKET

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.986	0.050	--	3.72	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.332	0.020	--	2.25	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.154	0.020	--	0.669	0.087	--		1
p/m-Xylene	0.462	0.040	--	2.01	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.086	0.020	--	0.366	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.177	0.020	--	0.769	0.087	--		1
4-Ethyltoluene	0.108	0.020	--	0.531	0.098	--		1
1,3,5-Trimethylbenzene	0.091	0.020	--	0.447	0.098	--		1
1,2,4-Trimethylbenzene	0.185	0.020	--	0.909	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.027	0.020	--	0.162	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-15
 Client ID: EXT
 Sample Location: 485 PLEASANT STREET, PAWTUCKET
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/23/14 21:30
 Analyst: RY

Date Collected: 08/22/14 00:00
 Date Received: 08/23/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.248	0.050	--	1.23	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Trichlorofluoromethane	0.317	0.050	--	1.78	0.281	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.060	0.050	--	0.460	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL**Lab Number:** L1419225**Project Number:** 140671**Report Date:** 08/25/14**SAMPLE RESULTS**

Lab ID: L1419225-15

Date Collected: 08/22/14 00:00

Client ID: EXT

Date Received: 08/23/14

Sample Location: 485 PLEASANT STREET, PAWTUCKET

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.097	0.050	--	0.366	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	80		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL

Lab Number: L1419225

Project Number: 140671

Report Date: 08/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/23/14 11:27

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-15 Batch: WG716362-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL

Lab Number: L1419225

Project Number: 140671

Report Date: 08/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/23/14 11:27

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-15 Batch: WG716362-4								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: VARIEUR ELEMENTARY SCHOOL

Lab Number: L1419225

Project Number: 140671

Report Date: 08/25/14

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/23/14 11:27

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-15 Batch: WG716362-4								
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Parameter	LCS		LCS D		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	RPD	Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-15 Batch: WG716362-3								
Dichlorodifluoromethane	72	-	-	-	70-130	-	-	25
Chloromethane	102	-	-	-	70-130	-	-	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92	-	-	-	70-130	-	-	25
Vinyl chloride	98	-	-	-	70-130	-	-	25
1,3-Butadiene	104	-	-	-	70-130	-	-	25
Bromomethane	91	-	-	-	70-130	-	-	25
Chloroethane	94	-	-	-	70-130	-	-	25
Acetone	112	-	-	-	70-130	-	-	25
Trichlorofluoromethane	90	-	-	-	70-130	-	-	25
Acrylonitrile	94	-	-	-	70-130	-	-	25
1,1-Dichloroethene	96	-	-	-	70-130	-	-	25
Methylene chloride	104	-	-	-	70-130	-	-	25
1,1,2-Trichloro-1,2,2-Trifluoroethane	90	-	-	-	70-130	-	-	25
Halothane	78	-	-	-	70-130	-	-	25
trans-1,2-Dichloroethene	88	-	-	-	70-130	-	-	25
1,1-Dichloroethane	98	-	-	-	70-130	-	-	25
Methyl tert butyl ether	90	-	-	-	70-130	-	-	25
2-Butanone	107	-	-	-	70-130	-	-	25
cis-1,2-Dichloroethene	110	-	-	-	70-130	-	-	25
Chloroform	78	-	-	-	70-130	-	-	25
1,2-Dichloroethane	78	-	-	-	70-130	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Parameter	LCS		LCS		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	%Recovery	Limits	RPD	Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-15 Batch: WG716362-3								
1,1,1-Trichloroethane	106	-	-	-	70-130	-	-	25
Benzene	99	-	-	-	70-130	-	-	25
Carbon tetrachloride	105	-	-	-	70-130	-	-	25
1,2-Dichloropropane	114	-	-	-	70-130	-	-	25
Bromodichloromethane	110	-	-	-	70-130	-	-	25
1,4-Dioxane	94	-	-	-	70-130	-	-	25
Trichloroethene	103	-	-	-	70-130	-	-	25
cis-1,3-Dichloropropene	113	-	-	-	70-130	-	-	25
4-Methyl-2-pentanone	130	-	-	-	70-130	-	-	25
trans-1,3-Dichloropropene	98	-	-	-	70-130	-	-	25
1,1,2-Trichloroethane	108	-	-	-	70-130	-	-	25
Toluene	83	-	-	-	70-130	-	-	25
Dibromochloromethane	85	-	-	-	70-130	-	-	25
1,2-Dibromoethane	86	-	-	-	70-130	-	-	25
Tetrachloroethene	82	-	-	-	70-130	-	-	25
1,1,1,2-Tetrachloroethane	78	-	-	-	70-130	-	-	25
Chlorobenzene	84	-	-	-	70-130	-	-	25
Ethylbenzene	85	-	-	-	70-130	-	-	25
p/m-Xylene	87	-	-	-	70-130	-	-	25
Bromoform	86	-	-	-	70-130	-	-	25
Styrene	86	-	-	-	70-130	-	-	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Parameter	LCS		LCSD		%Recovery		RPD	Qual	RPD	Limits
	%Recovery	Qual	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-15 Batch: WG716362-3										
1,1,2,2-Tetrachloroethane	91	-	-	-	70-130	-	-	-	-	25
o-Xylene	88	-	-	-	70-130	-	-	-	-	25
Isopropylbenzene	83	-	-	-	70-130	-	-	-	-	25
4-Ethyltoluene	83	-	-	-	70-130	-	-	-	-	25
1,3,5-Trimethylbenzene	83	-	-	-	70-130	-	-	-	-	25
1,2,4-Trimethylbenzene	89	-	-	-	70-130	-	-	-	-	25
1,3-Dichlorobenzene	88	-	-	-	70-130	-	-	-	-	25
1,4-Dichlorobenzene	83	-	-	-	70-130	-	-	-	-	25
sec-Butylbenzene	83	-	-	-	70-130	-	-	-	-	25
p-Isopropyltoluene	78	-	-	-	70-130	-	-	-	-	25
1,2-Dichlorobenzene	87	-	-	-	70-130	-	-	-	-	25
n-Butylbenzene	89	-	-	-	70-130	-	-	-	-	25
1,2,4-Trichlorobenzene	86	-	-	-	70-130	-	-	-	-	25
Naphthalene	85	-	-	-	70-130	-	-	-	-	25
1,2,3-Trichlorobenzene	89	-	-	-	70-130	-	-	-	-	25
Hexachlorobutadiene	91	-	-	-	70-130	-	-	-	-	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG716362-5 QC Sample: L1419225-01 Client ID: A1 N2						
Dichlorodifluoromethane	0.230	0.177	ppbV	26	Q	25
Chloromethane	0.544	0.541	ppbV	1		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Trichlorofluoromethane	17.0	17.2	ppbV	1		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.052	0.054	ppbV	4		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.062	0.063	ppbV	2		25
1,2-Dichloroethane	0.025	0.025	ppbV	0		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	0.101	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG716362-5 QC Sample: L1419225-01 Client ID: A1 N2					
Carbon tetrachloride	0.071	0.074	ppbV	4	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	3.24	3.44	ppbV	6	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.145	0.155	ppbV	7	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.104	0.112	ppbV	7	25
p/m-Xylene	0.321	0.345	ppbV	7	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.068	0.074	ppbV	8	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.109	0.118	ppbV	8	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG716362-5 QC Sample: L1419225-01 Client ID: A1 N2					
4-Ethyltoluene	0.044	0.044	ppbV	0	25
1,3,5-Trimethylbenzene	0.038	0.040	ppbV	5	25
1,2,4-Trimethylbenzene	0.082	0.089	ppbV	8	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.031	0.034	ppbV	9	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1419225-01	A1 N2	0206	#90 SV	08/22/14	107487		-	-	-	Pass	75	83	10
L1419225-01	A1 N2	1547	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.6	-0.1	-	-	-	-
L1419225-02	N1 A2	0214	#90 SV	08/22/14	107487		-	-	-	Pass	80	90	12
L1419225-02	N1 A2	656	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.6	-0.0	-	-	-	-
L1419225-03	M1 N2	1689	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.6	-1.8	-	-	-	-
L1419225-04	COATS	1848	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.6	-7.4	-	-	-	-
L1419225-05	K1 L2	0381	#90 AMB	08/22/14	107487		-	-	-	-	79	76	4
L1419225-05	K1 L2	1053	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.6	-9.2	-	-	-	-
L1419225-06	L1 K2	0036	#90 AMB	08/22/14	107487		-	-	-	Pass	79	74	7
L1419225-06	L1 K2	1970	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.4	-3.8	-	-	-	-
L1419225-07	H1 J2	0466	#90 SV	08/22/14	107487		-	-	-	Pass	78	92	16
L1419225-07	H1 J2	1702	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.8	-0.0	-	-	-	-
L1419225-08	J1 H2	0624	#90 AMB	08/22/14	107487		-	-	-	Pass	67	58	14
L1419225-08	J1 H2	1895	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.7	-8.8	-	-	-	-
L1419225-09	F1 G2	0574	#90 AMB	08/22/14	107487		-	-	-	Pass	80	95	17



Serial_No:08251411:03
 Lab Number: L1419225
 Report Date: 08/25/14

Project Name: VARIEUR ELEMENTARY SCHOOL
 Project Number: 140671

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1419225-09	F1 G2	899	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.6	-0.1	-	-	-	-
L1419225-10	C1 E2	0486	#20 SV	08/22/14	107487		-	-	-	Pass	79	87	10
L1419225-10	C1 E2	983	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.6	-0.0	-	-	-	-
L1419225-11	E1 D2	0271	#90 SV	08/22/14	107487		-	-	-	Pass	80	92	14
L1419225-11	E1 D2	1706	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.5	-0.1	-	-	-	-
L1419225-12	B1 E2	0259	#90 SV	08/22/14	107487		-	-	-	Pass	79	94	17
L1419225-12	B1 E2	1897	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.6	-1.4	-	-	-	-
L1419225-13	C1 E2-2	0098	#90 SV	08/22/14	107487		-	-	-	Pass	79	96	19
L1419225-13	C1 E2-2	1865	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.6	-9.4	-	-	-	-
L1419225-14	A1 N2	0432	#90 SV	08/22/14	107487		-	-	-	Pass	80	92	14
L1419225-14	A1 N2	934	6.0L Can	08/22/14	107487	L1418573-02	Pass	-29.7	-0.0	-	-	-	-
L1419225-15	EXT	0217	#30 SV	08/22/14	107487		-	-	-	Pass	78	79	1
L1419225-15	EXT	955	6.0L Can	08/22/14	107487	L1418447-02	Pass	-29.6	-2.6	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 08/15/14 17:35
 Analyst: RY

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	20.6	5.00	--	27.0	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1418447**Project Number:** CANISTER QC BAT**Report Date:** 08/25/14**Air Canister Certification Results**

Lab ID: L1418447-02

Date Collected: 08/14/14 10:10

Client ID: CAN 1660 SHELF 50

Date Received: 08/14/14

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/15/14 17:35
 Analyst: RY

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418447
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418447-02
 Client ID: CAN 1660 SHELF 50
 Sample Location:

Date Collected: 08/14/14 10:10
 Date Received: 08/14/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02
 Client ID: CAN 647 SHELF 55
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 08/15/14 18:47
 Analyst: RY

Date Collected: 08/15/14 11:20
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02 Date Collected: 08/15/14 11:20
 Client ID: CAN 647 SHELF 55 Date Received: 08/15/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02 Date Collected: 08/15/14 11:20
 Client ID: CAN 647 SHELF 55 Date Received: 08/15/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02
 Client ID: CAN 647 SHELF 55
 Sample Location:

Date Collected: 08/15/14 11:20
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02 Date Collected: 08/15/14 11:20
 Client ID: CAN 647 SHELF 55 Date Received: 08/15/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02
 Client ID: CAN 647 SHELF 55
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/15/14 18:47
 Analyst: RY

Date Collected: 08/15/14 11:20
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02
 Client ID: CAN 647 SHELF 55
 Sample Location:

Date Collected: 08/15/14 11:20
 Date Received: 08/15/14
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1418573
Report Date: 08/25/14

Air Canister Certification Results

Lab ID: L1418573-02 Date Collected: 08/15/14 11:20
 Client ID: CAN 647 SHELF 55 Date Received: 08/15/14
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1419225-01A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-02A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-03A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-04A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-05A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-06A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-07A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-08A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-09A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-10A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-11A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-12A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-13A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-14A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)
L1419225-15A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a "Total" result is defined as the summation of results for individual isomers or Aroclors. If a "Total" result is requested, the results of its individual components will also be reported. This is applicable to "Total" results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.

Report Format: Data Usability Report



Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

Data Qualifiers

- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: VARIEUR ELEMENTARY SCHOOL
Project Number: 140671

Lab Number: L1419225
Report Date: 08/25/14

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 3

CHAIN OF CUSTODY

Project Information

Project Name: Varieur Elementary School
 Project Location: 485 Pleasant Street, Pawtucket, RI
 Project #: 140671
 Project Manager: Jim Gallagher
 ALPHA Quote #:
Turn-Around-Time
 Standard Rush (only confirmed if pre-approved)
 Date Due: 8/25/14 Time: 12:00 PM

Client Information

Client: RI Analytical Laboratories, Inc
 Address: 41 Illinois Avenue
 Warwick, RI 02888
 Phone: 401-737-8500 x120
 Fax: 401-732-9034
 Email: jgallagher@rianalytical.com

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 8/25 TAT confirmed with Andy Rezendes

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Collection					Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller
		Date	Start Time	End Time	Initial Vac	Final Vac					
19225 01	MIN2	8/22/14	18:07	18:25	-29.6	-1.8	AA	MB	QL	1597	0206
02	MIN2	8/22/14	18:10	19:23	-29.6	0	AA	MB	AP	656	0214
03	MIN2	8/22/14	18:52	19:54	-28.8	-1.7	AA	MB	QL	1689	0309
04	GCJS	8/22/14	18:14	19:28	-30.4	-7.8	AA	MB	QL	1848	0192
05	KIL2	8/22/14	18:16	19:54	-30	-9.3	AA	MB	QL	1653	0381
06	LIL2	8/22/14	18:14	19:37	-29.5	-4.0	AA	MB	QL	1970	0036

*SAMPLE MATRIX CODES:

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Form 101-02 (1)
 Revised 28-Oct-09

Date Rec'd in Lab: ALPHA Job #: **L1419225**

Report/Data Deliverables Information
 FAX EMAIL Add'l Deliverables PO #: 140671

Regulatory Requirements/Report Limits
 State/Fed Program Criteria

Analysis

TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Specific Comments (i.e. PID)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

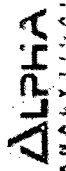
Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms

Relinquished By: *[Signature]*
 Date/Time: 8/22/14 12:00 PM

Received By: *[Signature]*
 Date/Time: 8/23/14 9:30 AM

AIR ANALYSIS

PAGE 2 OF 3



CHAIN OF CUSTODY

Project Information
 Project Name: Varieur Elementary School
 Project Location: 485 Pleasant Street, Pawtucket, RI
 Project #: 140671
 Project Manager: Jim Gallagher
 ALPHA Quote #:
Turn-Around-Time
 Standard Rush (only confirmed if pre-approved)
 Date Due: 8/25/14 Time: 12:00 PM

Client Information
 Client: RI Analytical Laboratories, Inc
 Address: 41 Illinois Avenue
 Warwick, RI 02888
 Phone: 401-737-8500 x120
 Fax: 401-732-8034
 Email: jgallagher@rianalytical.com

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 8/25 TAT confirmed with Andy Rezandez

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Collection			Date	Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller
		Start Time	End Time	Final Vac						
1925-07	Room # H12	18:20	19:39	30	0	MB	6L	1702	0966	
08	Room # J12	18:22	19:41	23.6	9.0	MB	6L	1895	0624	
09	Room # F12	18:24	19:43	23.7	0	MB	6L	899	0574	
10	Room # G12	18:26	19:45	20.1	0	MB	6L	983	0916	
11	Room # E12	18:28	19:45	23	0	MB	6L	1706	0271	
12	Room # B12	18:30	19:47	23.9-13	0	MB	6L	1897	0859	

*SAMPLE MATRIX CODES:

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Form 101-02 (1)
 Re:revised 28-Dec-09

Date Rec'd in Lab: ALPHA Job #: L1419225

Report/Data Deliverables Information
 FAX EMAIL Same as Client info PO #: 140671
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits
 State/Fed Program Criteria

Analysis

TO-14 by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-14/TO-10	Sample Specific Comments (i.e. PID)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Relinquished By: [Signature] **Date/Time:** 8/23/14 9:18 PM
Received By: [Signature] **Date/Time:** 8/23/14 9:18 PM

AIR ANALYSIS

PAGE 3 OF 3

CHAIN OF CUSTODY

Project Information

Project Name: Varieur Elementary School
 Project Location: 485 Pleasant Street, Pawtucket, RI
 Project #: 140671
 Project Manager: Jim Gallagher
 ALPHA Quote #:

Client Information

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288
 Client: RI Analytical Laboratories, Inc
 Address: 41 Illinois Avenue
 Warwick, RI 02886
 Phone: 401-737-8500 x120
 Fax: 401-732-8034
 Email: jgallagher@rianalytical.com

Turn-Around-Time

Standard Rush (only confirmed if pre-approved)
 Date Due: 8/25/14 Time: 12:00 PM

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:
 8/25 TAT confirmed with Andy Rezendes

Date Rec'd in Lab:

ALPHA Job #: 1419225

Report/Data Deliverables Information

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #: 140671

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Analysis

TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-14 / TO-10	Sample Specific Comments (i.e. PID)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Date	Collection			Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller
			Start Time	End Time	Initial Vac					
19225 74	6152-2 rooming	8/22/14	18:30	19:58	29.5	5.6	MB	6L 1865	0098	
74	rooming	8/22/14	18:34	19:50	29.47	0	MB	6L 974	0432	
75	rooming EXT	8/22/14	18:30	19:52	29.44	-2.6	MB	6L 955	0217	

*SAMPLE MATRIX CODES:

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Form 101-002 (1/1)
 Revised 7/25-Dec-08

Please print clearly & legibly and completely. Samples can not be logged in and turn around time clock will not start until any signatures are received. All samples submitted are subject to Alpha's Payment Terms

Relinquished By	Date/Time	Received By	Date/Time
	8/23/14 2:28 PM		8/23/14
	8/23/14 9:30 AM		