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MEMBER
ACEC New York

June 23, 2011

Mr. Jason Pelton
Project Manager
Remedial Bureau E
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Subject: **Soil Vapor Intrusion Evaluation Summary Report**
Former Speedy's Cleaners
2150 Monroe Avenue
Brighton, New York
NYSDEC Site No.: 828128

Dear Mr. Pelton:

Empire Geo-Services, Inc. (Empire) has prepared this letter report to summarize a soil vapor intrusion (SVI) evaluation conducted at residential properties near the Former Speedy's Cleaners site (HW 828128) located at 2150 Monroe Avenue, Brighton, New York. The purpose of the evaluation was to assess potential impacts to air quality caused by volatile organic compound (VOC) contamination in groundwater. The VOC contamination consists primarily of chlorinated solvents associated with the former use of the site as a dry cleaner.

The SVI evaluation consisted of collecting indoor, outdoor, subslab, and quality assurance/quality control (consisting of one duplicate subslab sample and

one indoor blank sample) air samples from five properties between February 14 and 17, 2011. The five properties are:

- 145 Elmore Road
- 54 Orchard Drive
- 126 Orchard Drive
- 140 Orchard Drive
- 185 Orchard Drive

The locations of these properties, as well as the location of the Former Speedy's Cleaners site, are shown on Figure 1 (prepared by NYSDEC for inclusion in this report). The samples were collected in general accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 (NYSDOH guidance document). Table 1 summarizes details of the samples collected during the SVI evaluation. Table 2 summarizes the approximate atmospheric conditions during the four day sampling event.

The subslab and duplicate air samples were collected using 6-liter summa canisters. These samples were shipped to TestAmerica, Inc. in Knoxville, Tennessee for analysis of VOC by EPA Method TO-15. The laboratory analytical report for these samples is contained in Attachment A.

The indoor, outdoor, and blank air samples were collected using sorbent tubes. These samples were delivered to Vapor Trail Analytics, in Rochester, New York for analysis of VOCs by EPA Method TO-17. The laboratory analytical report for these samples is contained in Attachment B.

Copies of the completed NYSDOH indoor air quality questionnaires and building inventories (as found in the NYSDOH guidance document) for each of the five properties are contained in Attachment C. These forms also shows the locations of the samples collected at each property.

An evaluation of the laboratory analytical data was performed and data usability summary reports (one for the TO-15 analyses and one for the TO-17 analyses) were prepared by Vali-Data of Western New York. These reports are included in Attachment D.

If you have any questions or comments regarding this report, please call me at (585) 359-2730.

Sincerely,

Greg Young
Project Manager

Figure

1 Post RI Vapor Intrusion Sampling Locations

Tables

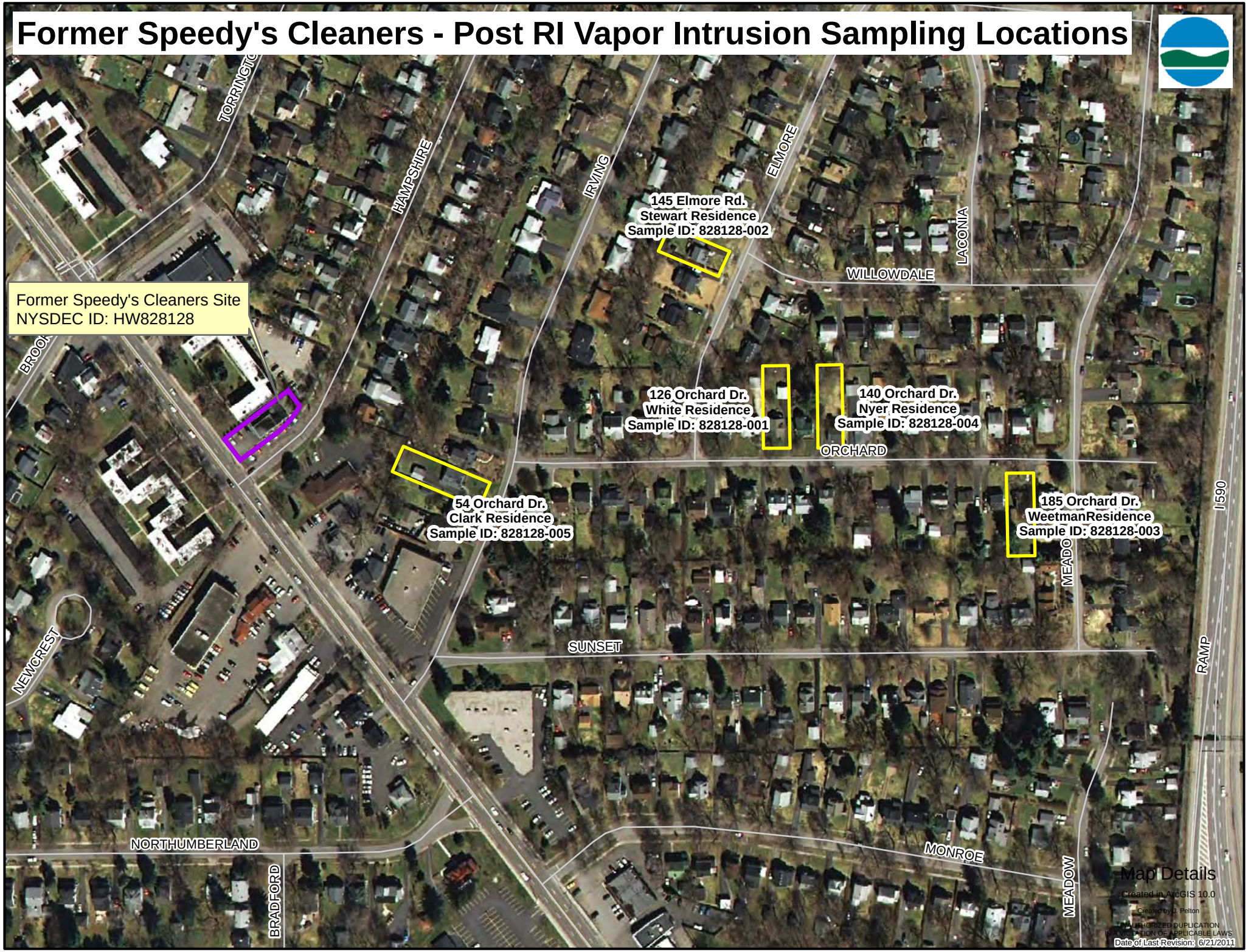
1 Sampling Summary
2 Atmospheric Conditions Summary

Attachments

A EPA Method TO-15 Laboratory Report
B EPA Method TO-17 Laboratory Report
C NYSDOH Indoor Air Quality Questionnaires and Building Inventories
D Data Usability Summary Reports

FIGURE
(prepared by NYSDEC)

Former Speedy's Cleaners - Post RI Vapor Intrusion Sampling Locations



TABLES

TABLE 1
SAMPLING SUMMARY
Former Speedy's Cleaners
Brighton, New York
Site No. 828128

Address	Property No.	Date Started	Date Completed	Sample Type	Sample ID
126 Orchard Drive	Property No. 1	02/14/11	02/15/11	Subslab	828128-SS-001-01
				Indoor	828128-IA-001-01
				Outdoor	828128-OA-001-01
				Blank	828128-BLANK1
145 Elmore Road	Property No. 2	02/15/11	02/16/11	Subslab	828128-SS-002-01
				Indoor	828128-IA-002-01
				Outdoor	828128-OA-002-01
185 Orchard Drive	Property No. 3	02/16/11	02/17/11	Subslab	828128-SS-003-01
				Subslab-DUP	828128-SS-003-02
				Indoor	828128-IA-003-01
				Outdoor	828128-OA-003-01
140 Orchard Drive	Property No. 4	02/16/11	02/17/11	Subslab	828128-SS-004-01
				Indoor	828128-IA-004-01
				Outdoor	828128-OA-003-01 (shared w/Prop. No.3)
54 Orchard Drive	Property No. 5	02/16/11	02/17/11	Subslab	828128-SS-005-01
				Indoor	828128-IA-005-01
				Outdoor	828128-OA-005-01

TABLE 2
ATMOSPHERIC CONDITIONS SUMMARY
Former Speedy's Cleaners
Brighton, New York
Site No. 828128

Parameter	02/14/11	02/15/11	02/16/11	02/17/11
Maximum Outdoor Temperature (^{O}F)	48	25	44	55
Minimum Outdoor Temperature (^{O}F)	22	12	17	27
Sea Level Pressure (in. Hg)	29.63	30.41	30.12	29.97
Average Wind Speed/Direction (mph)	21	5	4	5
Average Wind Direction	W	W	SSW	SSW
Precipitation (in.)	0.02	0.00	trace	0.04

Notes:

^{O}F = degrees Farenheit
in. = inches
in. Hg = inches of mercury
mph = miles per hour
SSW = south-southwest
W = west
Information from www.wunderground.com/US/NY/Brighton

ATTACHMENT A

EPA Method TO-15 Laboratory Report

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Speedy Cleaners

Lot #: H1B220452

Jason Pelton

New York State D.E.C.
Division of Environmental
Remediation
625 Broadway
Albany, NY 12233

TESTAMERICA LABORATORIES, INC.

Jamie A. McKinney
Project Manager

March 3, 2011

ANALYTICAL METHODS SUMMARY

H1B220452

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H1B220452

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MENMJ	001	828128-SS-001-01	02/15/11	10:00
MENMM	002	828128-SS-002-01	02/16/11	17:45
MENMN	003	828128-SS-003-01	02/17/11	09:00
MENMQ	004	828128-SS-004-01	02/17/11	12:55
MENMR	005	828128-SS-003-02	02/17/11	09:00
MENMT	006	828128-SS-005-01	02/17/11	17:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H1B220452

The results reported herein are applicable to the samples submitted for analysis only. If you have any questions about this report, please call (865) 291-3000 to speak with the TestAmerica project manager listed on the cover page.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Custody seals were not present.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Quantitation for ethanol was based on a one-point calibration standard at the reporting limit. Results for this analyte should be considered estimated.

The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria. Even though the calibration verification analyzed on 2/24/11 exhibited a % difference of > 30% for 2-butanone, the results were within the LCS acceptance limits.

The samples were reported with elevated reporting limits for all analytes due to the presence of non-target compounds. A dilution was necessary prior to analysis, and the reporting limits were adjusted accordingly.

Sample Data Summary

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-001-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 001 **Work Order #** MENMJ1AA **Matrix.....:** AIR

Date Sampled...: 02/15/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroeth ane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**11**	**4.0**	**21**	**7.5**
Ethylbenzene	**1.6**	**0.40**	**7.0**	**1.7**
Trichlorofluoromethane	**0.53**	**0.40**	**3.0**	**2.2**
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	**2.6**	**1.0**	**9.3**	**3.5**
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	**1.8**	**1.0**	**6.2**	**3.5**
Benzene	**1.0**	**0.40**	**3.2**	**1.3**
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**1.1**	**0.40**	**4.6**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	**4.1**	**0.40**	**28**	**2.7**
Toluene	**3.7**	**0.40**	**14**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	**0.68**	**0.40**	**3.4**	**2.0**
1,3,5-Trimethylbenzene	**0.44**	**0.40**	**2.2**	**2.0**
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.5**	**0.40**	**6.5**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**6.3**	**0.40**	**27**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0
Chloromethane	ND	1.0	ND	2.1

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-001-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 001 **Work Order #** MENMJ1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Cyclohexane	**1.1**	**1.0**	**3.9**	**3.4**
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.66**	**0.40**	**3.3**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	**0.85**	**0.40**	**3.4**	**1.6**
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	103	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-002-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 002 **Work Order #** MENMM1AA **Matrix.....:** AIR

Date Sampled...: 02/16/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroeth ane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**12**	**4.0**	**22**	**7.5**
Ethylbenzene	**1.3**	**0.40**	**5.9**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	**2.9**	**1.0**	**10**	**3.5**
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	**0.79**	**0.40**	**2.5**	**1.3**
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.77**	**0.40**	**3.3**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**2.6**	**0.40**	**9.9**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	**0.51**	**0.40**	**2.5**	**2.0**
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.4**	**0.40**	**6.2**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**5.7**	**0.40**	**25**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-002-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 002 **Work Order #** MENMM1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	**1.8**	**1.0**	**6.2**	**3.4**
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	**0.51**	**0.40**	**3.1**	**2.4**
Dichlorodifluoromethane	**0.72**	**0.40**	**3.6**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	ND	0.40	ND	1.6
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	91	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 003 **Work Order #** MENMN1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	ND	4.0	ND	7.5
Ethylbenzene	**0.92**	**0.40**	**4.0**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	ND	0.40	ND	1.3
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.84**	**0.40**	**3.6**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**0.70**	**0.40**	**2.6**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**0.86**	**0.40**	**3.7**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**3.5**	**0.40**	**15**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 003 **Work Order #** MENMN1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.47**	**0.40**	**2.3**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	ND	0.40	ND	1.6
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	108	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-004-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 004 **Work Order #** MENMQ1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroeth ane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**340**	**4.0**	**640**	**7.5**
Ethylbenzene	**1.1**	**0.40**	**4.9**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	**1.7**	**1.6**	**5.1**	**4.9**
Methylene chloride	ND	1.0	ND	3.5
Benzene	**0.60**	**0.40**	**1.9**	**1.3**
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.67**	**0.40**	**2.8**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**2.1**	**0.40**	**7.7**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.0**	**0.40**	**4.4**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**3.8**	**0.40**	**17**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	**0.48**	**0.40**	**1.3**	**1.1**
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-004-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 004 **Work Order #** MENMQ1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.60**	**0.40**	**3.0**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	**0.45**	**0.40**	**1.8**	**1.6**
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	104	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-02

GC/MS Volatiles

Lot-Sample #	H1B220452 - 005	**Work Order #**	MENMR1AA	**Matrix.....:**	AIR
Date Sampled...:	02/17/2011	**Date Received..:**	02/19/2011		
Prep Date.....:	02/24/2011	**Analysis Date...**	02/24/2011		
Prep Batch #.....:	1056173				
Dilution Factor.:	5	**Method.....:**	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	ND	4.0	ND	7.5
Ethylbenzene	**0.87**	**0.40**	**3.8**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	ND	0.40	ND	1.3
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.78**	**0.40**	**3.3**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**0.61**	**0.40**	**2.3**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**0.81**	**0.40**	**3.5**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**3.3**	**0.40**	**14**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-02

GC/MS Volatiles

Lot-Sample # H1B220452 - 005 **Work Order #** MENMR1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.42**	**0.40**	**2.1**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	ND	0.40	ND	1.6
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	107	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-005-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 006 **Work Order #** MENMT1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroeth ane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**6.1**	**4.0**	**12**	**7.5**
Ethylbenzene	**1.4**	**0.40**	**6.1**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	ND	0.40	ND	1.3
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.95**	**0.40**	**4.1**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**1.4**	**0.40**	**5.3**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.2**	**0.40**	**5.3**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**4.9**	**0.40**	**21**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	**0.74**	**0.40**	**1.9**	**1.1**
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-005-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 006 **Work Order #** MENMT1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.75**	**0.40**	**3.7**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	**0.70**	**0.40**	**2.8**	**1.6**
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	111	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H1B250000 - 173B **Work Order #** MEVTX1AA **Matrix.....:** AIR

	02/16/2011	**Date Received..:**	02/21/2011
Prep Date.....:	02/24/2011	**Analysis Date...**	02/24/2011
Prep Batch #.....:	1056173		
Dilution Factor.:	1	**Method.....:**	TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND	0.36
1,2-Dichloro-1,1,2,2-tetrafluoroeth ane	ND	0.080	ND	0.56
1,4-Dioxane	ND	0.20	ND	0.72
Ethanol	ND	0.80	ND	1.5
Ethylbenzene	ND	0.080	ND	0.35
Trichlorofluoromethane	ND	0.080	ND	0.45
Hexachlorobutadiene	ND	0.080	ND	0.85
n-Hexane	ND	0.20	ND	0.70
2,2,4-Trimethylpentane	ND	0.20	ND	0.93
tert-Butyl alcohol	ND	0.32	ND	0.97
Methylene chloride	ND	0.20	ND	0.69
Benzene	ND	0.080	ND	0.26
Benzyl chloride	ND	0.16	ND	0.83
Styrene	ND	0.080	ND	0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND	0.55
Tetrachloroethene	ND	0.080	ND	0.54
Toluene	ND	0.080	ND	0.30
1,2,4-Trichlorobenzene	ND	0.080	ND	0.59
1,1,1-Trichloroethane	ND	0.080	ND	0.44
1,1,2-Trichloroethane	ND	0.080	ND	0.44
Trichloroethene	ND	0.040	ND	0.21
1,2,4-Trimethylbenzene	ND	0.080	ND	0.39
1,3,5-Trimethylbenzene	ND	0.080	ND	0.39
Vinyl chloride	ND	0.080	ND	0.20
o-Xylene	ND	0.080	ND	0.35
Methyl tert-butyl ether	ND	0.16	ND	0.58
1,1,2-Trichlorotrifluoroethane	ND	0.080	ND	0.61
m-Xylene & p-Xylene	ND	0.080	ND	0.35
Bromodichloromethane	ND	0.080	ND	0.54
1,2-Dibromoethane (EDB)	ND	0.080	ND	0.61
2-Butanone (MEK)	ND	0.32	ND	0.94
4-Methyl-2-pentanone (MIBK)	ND	0.20	ND	0.82
Bromoform	ND	0.080	ND	0.83
Bromomethane	ND	0.080	ND	0.31
Carbon tetrachloride	ND	0.040	ND	0.25
Chlorobenzene	ND	0.080	ND	0.37
Dibromochloromethane	ND	0.080	ND	0.68
Chloroethane	ND	0.080	ND	0.21
Chloroform	ND	0.080	ND	0.39

New York State D.E.C - e-Procurement

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H1B250000 - 173B **Work Order #** MEVTX1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	0.20	ND	0.41
Cyclohexane	ND	0.20	ND	0.69
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	ND	0.080	ND	0.40
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
trans-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	97	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H1B250000 - 173C **Work Order #** MEVTX1AC **Matrix.....:** AIR

	02/16/2011	**Date Received..:**	02/21/2011
Prep Date.....:	02/24/2011	**Analysis Date...**	02/24/2011
Prep Batch #.....:	1056173		
Dilution Factor.:	1	**Method.....:**	TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
trans-1,3-Dichloropropene	5.00	5.07	23	23	101	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	5.00	6.29	35	44	126	60 - 140
1,4-Dioxane	5.00	5.27	18	19	105	60 - 140
Ethylbenzene	5.00	4.60	22	20	92	70 - 130
Trichlorofluoromethane	5.00	6.01	28	34	120	60 - 140
Hexachlorobutadiene	5.00	5.24	53	56	105	60 - 140
n-Hexane	5.00	3.94	18	14	79	70 - 130
2,2,4-Trimethylpentane	5.00	4.24	23	20	85	70 - 130
tert-Butyl alcohol	5.00	5.21	15	16	104	60 - 140
Methylene chloride	5.00	3.96	17	14	79	70 - 130
Benzene	5.00	4.26	16	14	85	70 - 130
Benzyl chloride	5.00	4.22	26	22	84	70 - 130
Styrene	5.00	5.20	21	22	104	70 - 130
1,1,2,2-Tetrachloroethane	5.00	4.25	34	29	85	70 - 130
Tetrachloroethene	5.00	5.45	34	37	109	70 - 130
Toluene	5.00	4.50	19	17	90	70 - 130
1,2,4-Trichlorobenzene	5.00	4.62	37	34	92	60 - 140
1,1,1-Trichloroethane	5.00	5.36	27	29	107	70 - 130
1,1,2-Trichloroethane	5.00	5.11	27	28	102	70 - 130
Trichloroethene	5.00	5.72	27	31	114	70 - 130
1,1,2-Trichlorotrifluoroethane	5.00	4.77	38	37	95	70 - 130
1,2,4-Trimethylbenzene	5.00	4.72	25	23	94	70 - 130
1,3,5-Trimethylbenzene	5.00	4.89	25	24	98	70 - 130
Vinyl chloride	5.00	4.50	13	11	90	70 - 130
o-Xylene	5.00	4.79	22	21	96	70 - 130
Methyl tert-butyl ether	5.00	4.88	18	18	98	60 - 140
m-Xylene & p-Xylene	10.0	9.57	43	42	96	70 - 130
Bromodichloromethane	5.00	5.80	34	39	116	70 - 130
1,2-Dibromoethane (EDB)	5.00	5.24	38	40	105	70 - 130
2-Butanone (MEK)	5.00	3.19	15	9.4	64	60 - 140
4-Methyl-2-pentanone (MIBK)	5.00	3.84	20	16	77	60 - 140
Bromoform	5.00	5.65	52	58	113	60 - 140
Bromomethane	5.00	5.34	19	21	107	70 - 130
Carbon tetrachloride	5.00	6.41	31	40	128	70 - 130
Chlorobenzene	5.00	5.05	23	23	101	70 - 130
Dibromochloromethane	5.00	5.81	43	50	116	70 - 130
Chloroethane	5.00	4.51	13	12	90	70 - 130

New York State D.E.C - e-Procurement

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H1B250000 - 173C **Work Order #** MEVTX1AC **Matrix.....:** AIR

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Chloroform	5.00	4.80	24	23	96	70 - 130
Chloromethane	5.00	3.80	10	7.8	76	60 - 140
Cyclohexane	5.00	4.75	17	16	95	70 - 130
1,2-Dichlorobenzene	5.00	5.05	30	30	101	70 - 130
1,3-Dichlorobenzene	5.00	4.76	30	29	95	70 - 130
1,4-Dichlorobenzene	5.00	4.69	30	28	94	70 - 130
Dichlorodifluoromethane	5.00	5.94	25	29	119	60 - 140
1,1-Dichloroethane	5.00	4.29	20	17	86	70 - 130
1,2-Dichloroethane	5.00	5.49	20	22	110	70 - 130
1,1-Dichloroethene	5.00	4.28	20	17	86	70 - 130
cis-1,2-Dichloroethene	5.00	4.67	20	19	93	70 - 130
trans-1,2-Dichloroethene	5.00	5.17	20	21	103	70 - 130
1,2-Dichloropropane	5.00	4.34	23	20	87	70 - 130
cis-1,3-Dichloropropene	5.00	4.84	23	22	97	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	105	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Sample Receipt Documentation

H1B220452

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Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

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THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information	Project Manager: Jason Pelton	Sampled By: Greg Young 585-359-2730	1 of 1 COCs
Company: NYSDEC Central Office	Phone: 518 402 9478		
Address: 625 Broadway	Site Contact:		
City/State/Zip: Albany, NY	TAL Contact:		
Phone:			
FAX:			
Project Name: Former Speedy's Cleaners	Analysis Turnaround Time		
Site/location: Brighton, NY	Standard (Specify) X		
PO # Site No. 828133	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
828128-SS-001-01	2/14-2/15	1110	1000	-30	-10	K131	6666	X											
828128-SS-002-01	2/15-2/16	1845	1745	-29.5	-1	K099	6132	X											
828128-SS-003-01	2/16-2/17	957	900	-30	-8	K347	11292	X											
828128-SS-004-01	2/16-2/17	1345	1255	-30	-5	K360	6633	X											
828128-SS-003-02	2/16-2/17	957	900	-29.5	-8	K463	12162	X											
828128-SS-005-01	2/16-2/17	1845	1750	-30	-9	K401	2955	X											

Sampled by :

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

NO CUSTODY SEALS
RECEIVED AT AMBIENT TEMP
BID 2-19-11

1 BOX FEDEX # 448502561307

6 CANS / 6 FLOWS / 1 TEE / 6 CANES

Special Instructions/QC Requirements & Comments:
See attached analyte list and RL's
Full ASP Cat B equivalent data package

Canisters Shipped by:	Date/Time:	Canisters Received by:
Samples Relinquished by:	Date/Time: 2/18/11 @ 1500	Received by: 02-18-11 15:00
Relinquished by:	Date/Time: 02-18-11 16:30	Received by: 2-19-11 09:45

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: HB220452

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **1a** Do not match COC ☐ **1b** Incomplete information ☐ **1c** Marking smeared ☐ **1d** Label torn ☐ **1e** No label ☐ **1f** COC not received ☐ **1g** Other:	NA
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C)			✓	☐ **2a** Temp Blank = _____ ☐ **2b** Cooler Temp = _____ ☐ **2c** Cooling initiated for recently collected samples, ice present.	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **3a** Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?			✓	☑ **4a** Not present ☐ **4b** Not intact ☐ **4c** Other:	
5. Were all of the samples listed on the COC received?	✓			☐ **5a** Samples received-not on COC ☐ **5b** Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ **6a** Leaking ☐ **6b** Broken	
7. Were VOA samples received without headspace?		✓		☐ **7a** Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ **8a** Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ **9a** Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ **10a** Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For 1613B water samples is pH<9?			✓	If no, was pH adjusted to pH 7 - 9 with sulfuric acid? _____	
13. Are the shipping containers intact?	✓			☐ **13a** Leaking ☐ **13b** Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **14a** Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ **15a** Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ **15a** Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ **15a** Incomplete information	
18. Is the client and project name/# identified?	✓			☐ **15a** Incomplete information	
19. Was the sampler identified on the COC?	✓				

Quote #: 88264 PM Instructions: NA

Sample Receiving Associate: _____ Date: 2-14-11

QA026R22.doc, 012811

Test America - Knoxville ---- Air Canister Dilution Log

Lot Number: *H1B220452*

Initial Can Pressure							Subsequent Dilutions											
Analyst/Date	Tedlar Bag Time	Pbarr (in)	Sample ID	Can #	Pres. upon receipt (-in or + psig)	Adj. Initial Pres. (-in or + psig)	Analyst/Date	I / S	Pbarr (in)	Initial Pres. Pi (in)	Final Pres. Pf (psig)	First InCan Final Pres. Pf (psig)	Second In-can Final Pres. Pf (psig)	Third InCan Final Pres. Pf (psig)	Serial Dilution Can #	Vol (mL)	Final Pres. Pf (psig)	Comments
DDF 2-23-11	NA	28.99	MENMJ	6666	-7.5													9072
↓		↓	MENMM	6132	+0.6													9071
			MENMN	11292	-5.0													↓
			MENMQ	6633	-3.6													9072
			MENMR	12162	-6.3													9071
↓		↓	MENMT	2955	-6.5													↓

ATTACHMENT B

EPA Method TO-17 Laboratory Report

VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

179 Lake Avenue
Rochester, NY 14608 USA
Tel: (585) 727-2825
www.vaportrailanalytics.com

28-Mar-2011

Analytical Results
Report Cover Sheet

For VTA Project Number 201110

Total Number of Pages Including This Cover: 13

Please refer to the bottom of each page for identification of the individual page number.

The results in this report refer to samples collected by the Client.

Results from samples collected by the Client or an associated party relate to the samples or components within as received by the laboratory.

This report is part of a multipart document, and should only be evaluated in its entirety. Partial reproduction is prohibited without the prior written consent of Vapor Trail Analytics LLC. Please refer to the chain of custody for additional sample information.

Any deviations from, additions to, exclusions from, or non-standard conditions that may affect the quality of the results are communicated in the report in text or qualifier form. The following data qualifiers are defined and, where necessary, are utilized on an individual analyte basis in the report:

B The method blank contained trace levels of analyte; refer to the method blank report.

E The calibration limit was exceeded; the associated numerical value is the approximate concentration of analyte in the sample.

J The associated numerical value is the approximate concentration of analyte in the sample.

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Volatiles and Semi-Volatiles Characterization

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28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-004-01
Field ID Number: GO122073
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1432
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.67	5.4 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.55	5.0
Ethylbenzene	1	1.64	4.0
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.50	Not Detected J
Methylcyclohexane	1	0.31	3.0
m,p -Xylenes	1	0.64	11
o -Xylene	1	0.15	3.7
Styrene	1	2.84	Not Detected J
Tetrachloroethylene	1	0.15	1.7
Toluene	1	0.28	13
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-24.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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28-Mar-2011

Client: Empire Geo Services, Inc.
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phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-005-01
Field ID Number: GO158939
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1434
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.66	6.2 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.54	Not Detected
Ethylbenzene	1	1.63	2.9
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.49	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	6.7
o -Xylene	1	0.15	2.3
Styrene	1	2.83	Not Detected J
Tetrachloroethylene	1	0.15	7.9
Toluene	1	0.28	9.5
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-25.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-002-01
Field ID Number: GO158913
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1435
Date Sampled: 2/15-2/16/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.69	3.8
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	Not Detected
Ethylbenzene	1	1.65	2.1
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.52	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	2.6
o -Xylene	1	0.15	Not Detected
Styrene	1	2.87	Not Detected J
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	4.0
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-26.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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Client: Empire Geo Services, Inc.
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535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-005-01
Field ID Number: GO158956
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1436
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.66	5.3 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	1.5
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.54	2.5
Ethylbenzene	1	1.63	2.8
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.49	Not Detected J
Methylcyclohexane	1	0.31	2.2
m,p -Xylenes	1	0.64	5.8
o -Xylene	1	0.15	1.8
Styrene	1	2.83	Not Detected J
Tetrachloroethylene	1	0.15	7.0
Toluene	1	0.28	10
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-27.D

Signature: Jack D Fox

Jack D. Fox PhD, Technical Director

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28-Mar-2011

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Report To: Greg Young
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Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-002-01
Field ID Number: GO158993
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1437
Date Sampled: 2/15-2/16/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.69	5.3 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	Not Detected
Ethylbenzene	1	1.65	2.2
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.52	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	2.5
o -Xylene	1	0.15	Not Detected
Styrene	1	2.87	Not Detected J
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	3.7
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-28.D

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Client: Empire Geo Services, Inc.
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phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-001-01
Field ID Number: GO158907
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1438
Date Sampled: 2/14-2/15/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.70	Not Detected J
Carbon tetrachloride	1	0.11	1.17
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	Not Detected
Ethylbenzene	1	1.66	Not Detected
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.53	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.65	Not Detected
o -Xylene	1	0.15	Not Detected
Styrene	1	2.88	Not Detected J
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	1.41
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-29.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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Volatiles and Semi-Volatiles Characterization

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28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-001-01
Field ID Number: GO158957
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1439
Date Sampled: 2/14-2/15/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.08	Not Detected
1,2-Dichloroethane	1	0.15	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.71	3.8 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.57	Not Detected
Ethylbenzene	1	1.66	2.2
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.54	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.65	3.2
o -Xylene	1	0.15	Not Detected
Styrene	1	2.89	Not Detected J
Tetrachloroethylene	1	0.16	Not Detected
Toluene	1	0.28	4.1
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-30.D

Signature: Jack D. Fox
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phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-003-01
Field ID Number: GO156964
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1440
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.67	5.6 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.55	Not Detected
Ethylbenzene	1	1.64	2.9
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.50	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	5.7
o -Xylene	1	0.15	2.1
Styrene	1	2.84	Not Detected J
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	8.4
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-31.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-003-01
Field ID Number: GO158970
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1441
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.69	5.3 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	2.1
Ethylbenzene	1	1.65	2.6
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.52	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	4.5
o -Xylene	1	0.15	Not Detected
Styrene	1	2.87	Not Detected J
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	7.9
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-32.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

Note: This report is part of a multipart document, and should only be evaluated in its entirety.
Please refer to the included chain of custody for additional sample information.

VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

179 Lake Avenue
Rochester, NY 14608 USA
Tel: (585) 727-2825
www.vaportrailanalytics.com

28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Field Blank Report for Air

Field Location: 828128-BLANK1
Field ID Number: GO158947
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: Passive Field Blank
Dilution Factor: 1

Lab Sample Number: 1433
Date Sampled: 2/14/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	(ng) Reporting Limit	(ng) Mass on Tube
1,1-Dichloroethene	0.5	Not Detected
1,2-Dichloroethane	0.1	Not Detected
1,1,1-Trichloroethane	0.1	Not Detected
Benzene	2.0	Not Detected J
Carbon tetrachloride	0.1	Not Detected
Chloroform	0.1	Not Detected
cis -1,2-Dichloroethene	0.2	Not Detected
Cyclohexane	1.0	Not Detected
Ethylbenzene	1.0	Not Detected
Isopropylbenzene	0.1	Not Detected
Methyl acetate	2.0	Not Detected J
Methylcyclohexane	0.2	Not Detected
m,p -Xylenes	0.4	Not Detected
o -Xylene	0.1	Not Detected
Styrene	2.0	Not Detected J
Tetrachloroethylene	0.1	Not Detected
Toluene	0.2	Not Detected
Trichloroethylene	0.1	Not Detected
Vinyl Chloride	0.1	Not Detected

Comments: ng = nanograms. NA = Not Applicable.
Data File: 022411-23.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

Note: This report is part of a multipart document, and should only be evaluated in its entirety.
Please refer to the included chain of custody for additional sample information.

VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

179 Lake Avenue
Rochester, NY 14608 USA
Tel: (585) 727-2825
www.vaportrailanalytics.com

28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Laboratory Blank Report for Air

Field Location: NA
Field ID Number: GO158931
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: Laboratory Blank #1 (Before Samples)
Dilution Factor: 1

Lab Sample Number: 1442
Date Sampled: NA
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	(ng) Reporting Limit	(ng) Mass on Tube
1,1-Dichloroethene	0.5	Not Detected
1,2-Dichloroethane	0.1	Not Detected
1,1,1-Trichloroethane	0.1	Not Detected
Benzene	2.0	Not Detected J
Carbon tetrachloride	0.1	Not Detected
Chloroform	0.1	Not Detected
cis -1,2-Dichloroethene	0.2	Not Detected
Cyclohexane	1.0	Not Detected
Ethylbenzene	1.0	Not Detected
Isopropylbenzene	0.1	Not Detected
Methyl acetate	2.0	Not Detected J
Methylcyclohexane	0.2	Not Detected
m,p -Xylenes	0.4	Not Detected
o -Xylene	0.1	Not Detected
Styrene	2.0	Not Detected J
Tetrachloroethylene	0.1	Not Detected
Toluene	0.2	Not Detected
Trichloroethylene	0.1	Not Detected
Vinyl Chloride	0.1	Not Detected

Comments: ng = nanograms. NA = Not Applicable.
Data File: 022411-22.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

Note: This report is part of a multipart document, and should only be evaluated in its entirety.
Please refer to the included chain of custody for additional sample information.

VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

179 Lake Avenue
Rochester, NY 14608 USA
Tel: (585) 727-2825
www.vaportrailanalytics.com

28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Laboratory Blank Report for Air

Field Location: NA
Field ID Number: GO158901
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: Laboratory Blank #2 (After Samples)
Dilution Factor: 1

Lab Sample Number: 1443
Date Sampled: NA
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	(ng) Reporting Limit	(ng) Mass on Tube
1,1-Dichloroethene	0.5	Not Detected
1,2-Dichloroethane	0.1	Not Detected
1,1,1-Trichloroethane	0.1	Not Detected
Benzene	2.0	Not Detected J
Carbon tetrachloride	0.1	Not Detected
Chloroform	0.1	Not Detected
cis -1,2-Dichloroethene	0.2	Not Detected
Cyclohexane	1.0	Not Detected
Ethylbenzene	1.0	Not Detected
Isopropylbenzene	0.1	Not Detected
Methyl acetate	2.0	Not Detected J
Methylcyclohexane	0.2	Not Detected
m,p -Xylenes	0.4	Not Detected
o -Xylene	0.1	Not Detected
Styrene	2.0	Not Detected J
Tetrachloroethylene	0.1	Not Detected
Toluene	0.2	Not Detected
Trichloroethylene	0.1	Not Detected
Vinyl Chloride	0.1	Not Detected

Comments: ng = nanograms. NA = Not Applicable.
Data File: 022411-33.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

Note: This report is part of a multipart document, and should only be evaluated in its entirety.
Please refer to the included chain of custody for additional sample information.

CHAIN OF CUSTODY RECORD

Vapor Trail Analytics

Stratospheric Performance

179 Lake Avenue
Rochester, New York 14608 USA
Phone: (585) 727-2865 25

PROJECT/SITE: Forme Speely's Cleaners (Site No. 828128)

SEND REPORT TO:	SEND INVOICE TO:
PERSON/COMPANY: Greg Young / Empire Geo	PERSON/COMPANY:
ADDRESS: 535 Summit Point Dr.	ADDRESS: Same
CITY: Henrietta STATE: NY ZIP: 14467	CITY: STATE: ZIP:
PHONE: FAX: 585-359-2730 / 359-9668	PHONE: FAX:
EMAIL:	EMAIL:
COMMENTS:	

LAB PROJECT #: 201110 | CLIENT PROJECT #: 828128

REQUESTED TURNAROUND TIME: ☐ 1 ☐ 2 ☐ 3 ☒ STD 10 ☐ SAME DAY

Quotation #

REQUESTED ANALYSIS

	Sample Identification	Sample Date (start / finish)	Sample Time (start / finish)	Sample Type	Matrix	Number Containers	TO-17	Remarks	VTA Sample Number
1	G0122073 828128-IA-004-01	2/16-2/17	1345-1255	~24 hr	Air	1	X		1432
2	G0158947 BLANK1 ~~828128-IA-004-01~~ (G1)	2/14-2/15	1110-955			1	X		1433
3	G0158939 828128-OA-005-01	2/16-2/17	1850-1805			1	X		1434
4	G0158913 828128-IA-002-01	2/15-2/16	1845-1745			1	X		1435
5	G0158956 828128-IA-005-01	2/16-2/17	1850-1805			1	X		1436
6	G0158993 OA (G1) 828128-~~IA~~-002-01	2/15-2/16	1850-1750			1	X		1437
7	G0158907 828128-OA-001-01	2/14-2/15	1115-1010			1	X		1438
8	G0158957 828128-IA-001-01	2/14-2/15	1110-1000			1	X		1439
9	G0156961 828128-OA-003-01	2/16-2/17	1005-915			1	X		1440
10	G0158970 828128-IA-003-01	2/16-2/17	1000-900			1	X		1441
								LB1	1442
								LB2	1443

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Temperature: 23°C	Y ☒ N ☐
Comments:	
Holding Time: 1 day	Y ☒ N ☐
Comments:	

General Comments:
See attached analyte list and RL's
Full ASP Cat B equivalent data package

Receiving: G0158931 G0158901

Sampled By: Greg Young	2/17/11 @ 1805	Date/Time
Relinquished By: Greg Young	2/18/11 @ 1320	Date/Time
Received By:	2/18/11 1320	Date/Time
Received At Lab By: Bill Bliss	2/18/11 1325	Date/Time

ATTACHMENT C

NYSDOH Indoor Air Quality Questionnaires and Building Inventories

145 Elmore Road

OSR – 3

Prop 2

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Greg Young Date/Time Prepared 2/15/11

Preparer's Affiliation Empire Geo Services Phone No. 585-359-2730

Purpose of Investigation Soil Vapor Intrusion

1. OCCUPANT:

Interviewed: Y / N

Last Name: Stewart First Name: Betsy

Address: 145 Elmore Road

County: Monroe

Home Phone: 585-721-8541 Office Phone: _____

Number of Occupants/persons at this location 2 Age of Occupants Adult & Teenage

2. OWNER OR LANDLORD: (Check if same as occupant ✓)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) Industrial School Church Commercial/Multi-use Other:

Media	Regulator	Canister	Start Loc	Start Date	Start Time	End Loc	End Date	End Time	Sample ID
Subslab	K099	6132	-29.5	2/14/11	1845	-1	2/16/11	1745	828128-SS-002.01
Indoor	NA	6015913	—	2/14/11	1845	—	2/16/11	1745	828128-IA-002.01 ✓
Outdoor	NA	6015898	—	2/15/11	1850	—	2/16/11	1750	828128-OA-002-01 ✓

Prop 2

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
(Cape Cod)	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics: Basement

Number of floors + 2 Living Building age 1940s (1941)

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW NA

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

Prop 2

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	(wood frame)	concrete	stone	brick
b. Basement type:	(full)	crawlspace	slab	other _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	uncovered	partially covered	covered with rugs	
e. Concrete floor:	unsealed	(sealed)	sealed with paint	
f. Foundation walls:	poured	(block)	stone	other _____
g. Foundation walls:	unsealed	(sealed)	sealed with paint	
h. The basement is:	wet	(damp)	dry	moldy
i. The basement is:	finished	unfinished	(partially finished)	
j. Sump present?	Y (N)			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 5 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain (see map), utilities

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other _____
Air conditioning:	(Central Air)	Window units	Open Windows	None

Prop 2

Are there air distribution ducts present? (Y / N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally (Seldom) Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage, work bench
1st Floor	Living
2nd Floor	Living
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y (N) NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) N / NA Please specify Car

d. Has the building ever had a fire? (Y) / N When? before ~~1997~~ (GY) 2001

e. Is a kerosene or unvented gas space heater present? Y (N) Where? _____

f. Is there a workshop or hobby/craft area? (Y) N Where & Type? _____

g. Is there smoking in the building? Y (N) How frequently? _____

h. Have cleaning products been used recently? (Y) / N When & Type? Typical household

i. Have cosmetic products been used recently? (Y) / N When & Type? Typical ~~cost~~ cosmetics

Prop 2

j. Has painting/staining been done in the last 6 months? Y (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y (N) Where & When? _____

l. Have air fresheners been used recently? Y (N) When & Type? _____

m. Is there a kitchen exhaust fan? (Y) N If yes, where vented? into garage

n. Is there a bathroom exhaust fan? (Y) N If yes, where vented? outside

o. Is there a clothes dryer? (Y) N If yes, is it vented outside? (Y) N

p. Has there been a pesticide application? (Y) N When & Type? wasp killer from bottle; possible mouse poison in basement

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
(No) Unknown

Last dry cleaning was long ago
Possibly some dry cleaned garments in basement

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

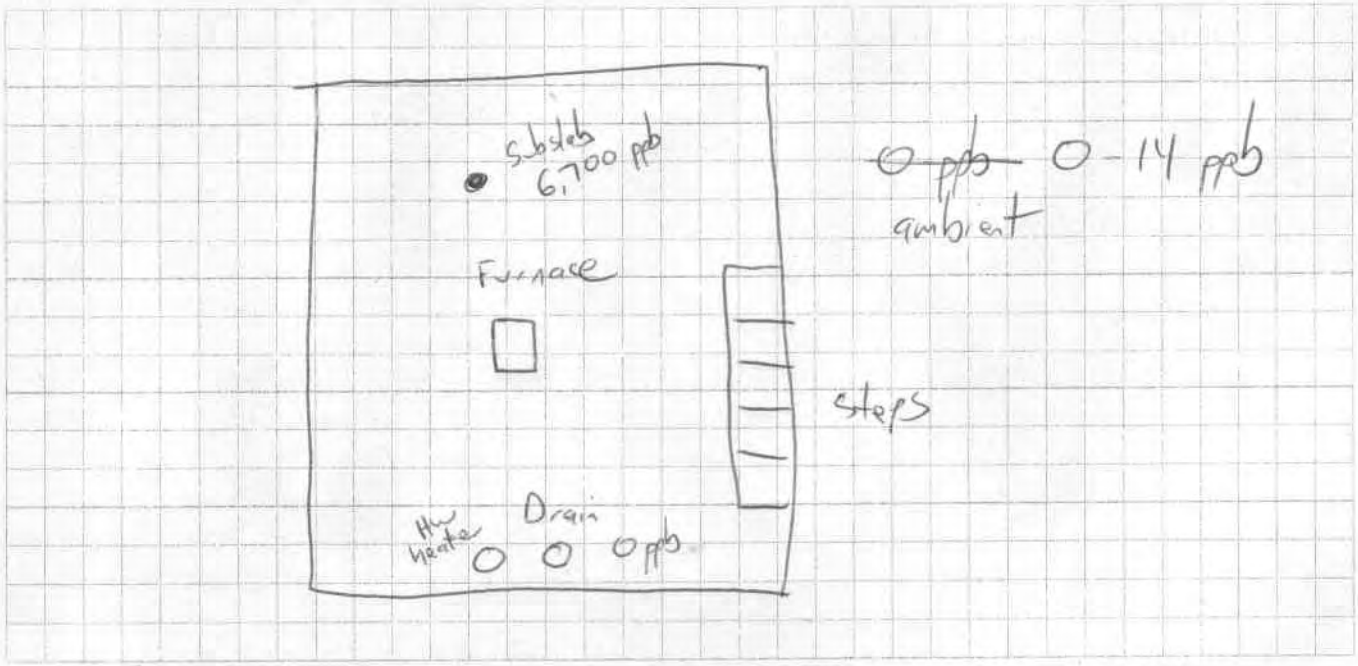
d. Relocation package provided and explained to residents? Y / N

Prop 2

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



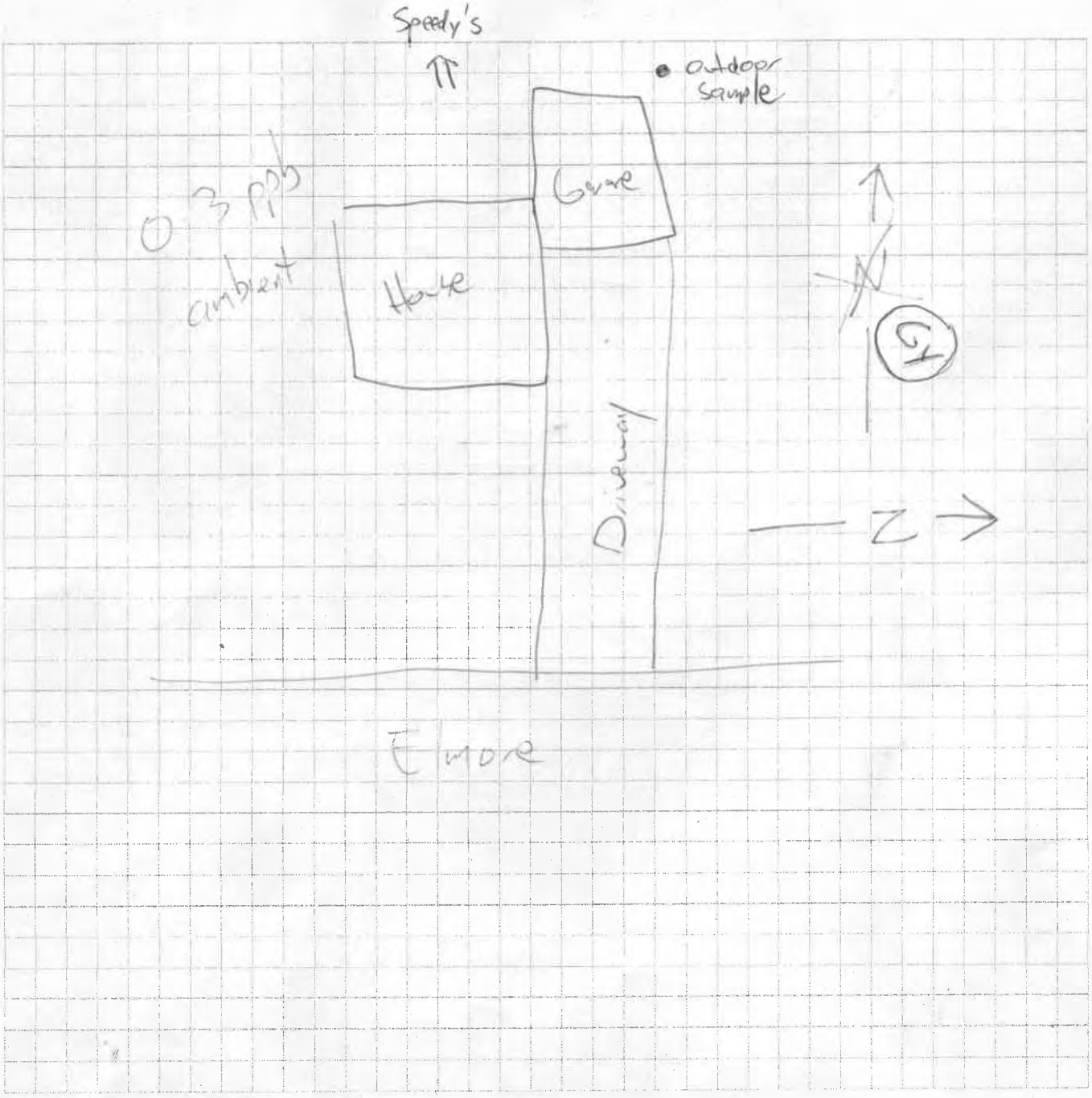
First Floor:

Prop 2

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Prop 2

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Camp Dry	12 oz	U	hydrocarbon propellant, petroleum distillates	60 ppb	N
	Acryle Sealer	12 oz	U	Methylene chloride, toluene	152 ppb	
10 - cans	Paint Enamel / Latex	1 gal	U		bkgd	
	Neatsfoot Compound	8 oz	U	petroleum distillates	bkgd	
	Honing Oil	6 oz	U	— " —		
6 - tubes	Caulk - latex	10 oz	UO / U	latex		
	Caulk - gutter + flashing	10.1 oz	UO	mineral spirits		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Prop 2

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	Spray paint, Krylon		U		131 ppb	
	Craft paint Hobby craft		U			
	Wood Filler		U			
	WD-40	(2) 8oz	U	Petroleum distallates		
	DAP Grout Repair	~~5.5~~ 4 oz	U	VOC < ~~0.7~~ 6 % by wt		
	Kwik Seal Plus Caulk	5.5 fl oz		VOC < 0.7%		
	CLR		U	NL		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

54 Orchard Drive

OSR – 3

Prop 5

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Greg Young Date/Time Prepared 2/16/11

Preparer's Affiliation Empire Geo Services Phone No. 585-359-2730

Purpose of Investigation Soil Vapor Intrusion

1. OCCUPANT:

Interviewed: Y / N

Last Name: Clark First Name: Reginald

Address: 54 Orchard Drive

County: Monroe

Home Phone: 585-313-8777 Office Phone: _____

Number of Occupants/persons at this location 2 Age of Occupants Adults

2. OWNER OR LANDLORD: (Check if same as occupant ✓)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) Industrial School Church Commercial/Multi-use Other:

Media	Regulator	Canister	Start Vac	Start Date	Start Time	End Vac	End Date	End Time	Sample ID
Subslab	K401	2955	-30	2/16/11	1845	-9	2/17/11	1760	828128-SS-005-01
Indoor	NA	G01509156	—	2/16/11	1845	—	2/17/11	1950	828128-IA-005-01 ✓
Outdoor	NA	G04509129	—	2/16/11	1850	—	2/17/11	1905	828128-OA-005-01 ✓

Pic 5

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
(Cape Cod)	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics: Attic Living Basement

Number of floors_____ Building age 1920's

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW NA

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. **BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply) Prop 5

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full +	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	partially covered	covered with throw rugs	
e. Concrete floor:	unsealed	sealed	sealed with paint	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with paint	
h. The basement is:	wet	damp (no water)	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable	when it rains		

Basement/Lowest level depth below grade: 3-4 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Sump, floating floor, utilities

6. **HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Prop S

Are there air distribution ducts present? (Y) N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally (Seldom) Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	storage, workshop, laundry
1st Floor	Living
2nd Floor	Living & storage
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y (N)

b. Does the garage have a separate heating unit? Y / (N) / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y (N) / NA Please specify _____

d. Has the building ever had a fire? Y (N) When? _____

e. Is a kerosene or unvented gas space heater present? Y (N) Where? _____

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? Basement - seldom used

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? (Y) N When & Type? 1st floor

i. Have cosmetic products been used recently? (Y) / N When & Type? 1st floor

Prop 5

j. Has painting/staining been done in the last 6 months? Y (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y (N) Where & When? _____

l. Have air fresheners been used recently? Y (N) When & Type? _____

m. Is there a kitchen exhaust fan? (Y) N If yes, where vented? outside

n. Is there a bathroom exhaust fan? (Y) N If yes, where vented? outside

o. Is there a clothes dryer? (Y) N If yes, is it vented outside? (Y) N

p. Has there been a pesticide application? Y (N) When & Type? _____

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
(No)
Unknown

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

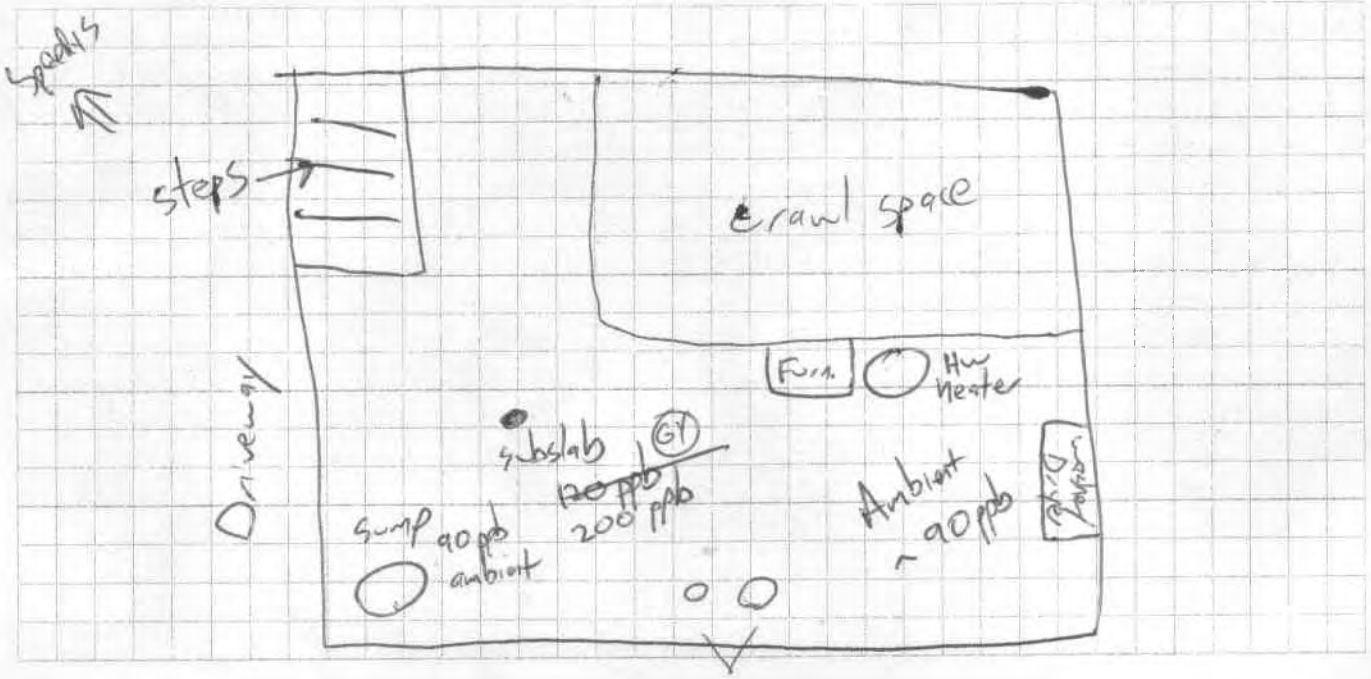
d. Relocation package provided and explained to residents? Y / N

Pop S

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



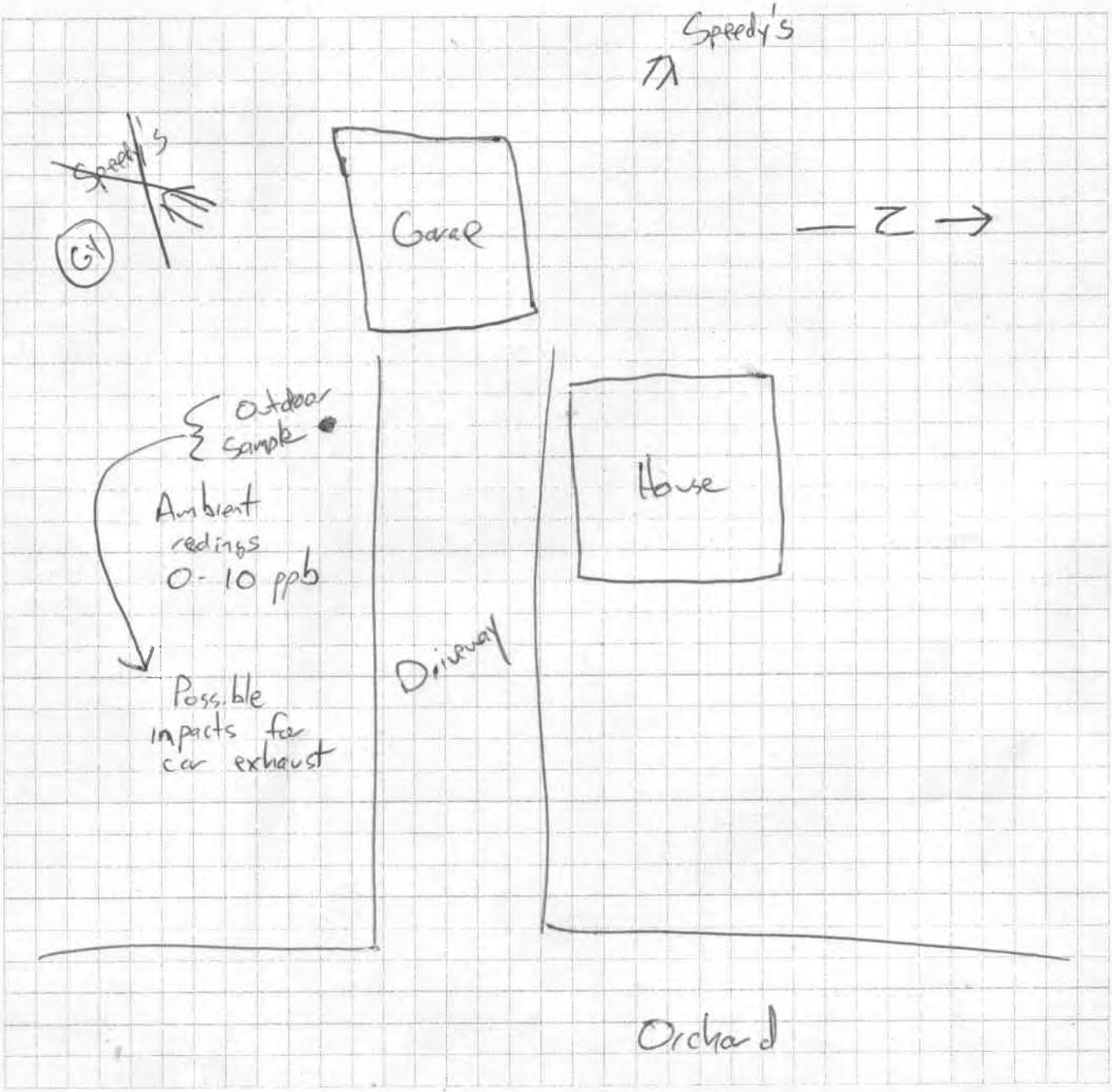
First Floor:

Prop 5

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Prop 5

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	starch, laundry detergent, bleach					
	Shelf of urethane (1), stain (1), spray paints (5),				up to 6 ppm on spray paint,	
	craft paints (~20	2 oz. bottles)			everything else	black
	3M Super 77 Adhesive	10.75 oz (3)	U	51% VOC	250 ppb	
	WD-40	15 oz.	U	Petroleum distillates	240 ppb	
	Tile grout, spackle					
	Spray disinfectant	16 7s	U	Ethanol, no other TO-17 compounds	black	
	Plumbers contact adhesive	3.7 fl oz	U	NL	500 ppb	
	Drawer of craft paints				700 ppb	
	Fabulous cleaner	32 fl oz	U	NL		
	Liquid degosser	1 qt	U	VOCs	625 ppb	
	Paint, primer	~10 qts	U			

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

126 Orchard Drive

OSR – 3

Prop 1

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Greg Young Date/Time Prepared 2/14/11

Preparer's Affiliation Empire Geo Services Phone No. 585-359-2730

Purpose of Investigation Soil Vapor Intrusion

1. OCCUPANT:

Interviewed (Y) / N

Last Name: White First Name: ~~Patricia~~ Trisia

Address: 126 Orchad Drive

County: Monroe

Home Phone: 585-259-7523 Office Phone: _____

Number of Occupants/persons at this location 4 Age of Occupants 2 Adults
2 kids (17, 19)

2. OWNER OR LANDLORD: (Check if same as occupant ✓)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) Industrial School Church Commercial/Multi-use Other: _____

Media	Regulator	Canister	Start Vac	Start Date	Start Time	End Vac	End Date	End Time	Sample ID
Subslab	K131	6666	-30	2/14/11	1110	-10	2/15/11	1000	828128-SS-001-01
Indoor	NA	Can 6857	—	2/14/11	1110	—	2/15/11	1000 ~~1005~~	828128-IA-001-01 ✓
Outdoor	NA	Can 6801	—	2/14/11	1115	—	2/15/11	1010	828128-OA-001-01 ✓
Blank	NA	Can 6847	—	2/14/11	1110	—	2/15/11	955 ~~1000~~	828128-BLANK1 ✓

Prop 1

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
(Cape Cod)	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 3 + 1 Basement 2 Units Building age 1930's

Is the building insulated? (Y) / N How air tight? **Tight / Average /** Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors NA

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

Prop 1

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full +	crawlspace 2	slab	other _____
c. Basement floor:	concrete	dirt (in crawlspaces)	stone	other _____
d. Basement floor:	uncovered	covered partially	covered with rugs	
e. Concrete floor:	unsealed	sealed	sealed with paint	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with paint	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 5 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Hole drilled for former toilet (see photograph), utilities

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Prop 1

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage & family room
1st Floor	Living
2nd Floor	Living
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y (N)

b. Does the garage have a separate heating unit? Y (N) NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) N / NA Please specify Lawn mower, etc

d. Has the building ever had a fire? Y (N) When? _____

e. Is a kerosene or unvented gas space heater present? Y (N) Where? _____

f. Is there a workshop or hobby/craft area? Y (N) Where & Type? _____

g. Is there smoking in the building? Y (N) How frequently? _____

h. Have cleaning products been used recently? (Y) / N When & Type? Typical household

i. Have cosmetic products been used recently? (Y) / N When & Type? Typical cosmetic

Prop 1

j. Has painting/staining been done in the last 6 months? Y (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? (Y) N Where & When? On first floor

l. Have air fresheners been used recently? (Y) N When & Type? Living floors
Yankee candle burned in basement 2/13

m. Is there a kitchen exhaust fan? Y (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? (Y) N If yes, where vented? Outside

o. Is there a clothes dryer? (Y) N If yes, is it vented outside? (Y) N

p. Has there been a pesticide application? Y (N) When & Type? _____

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

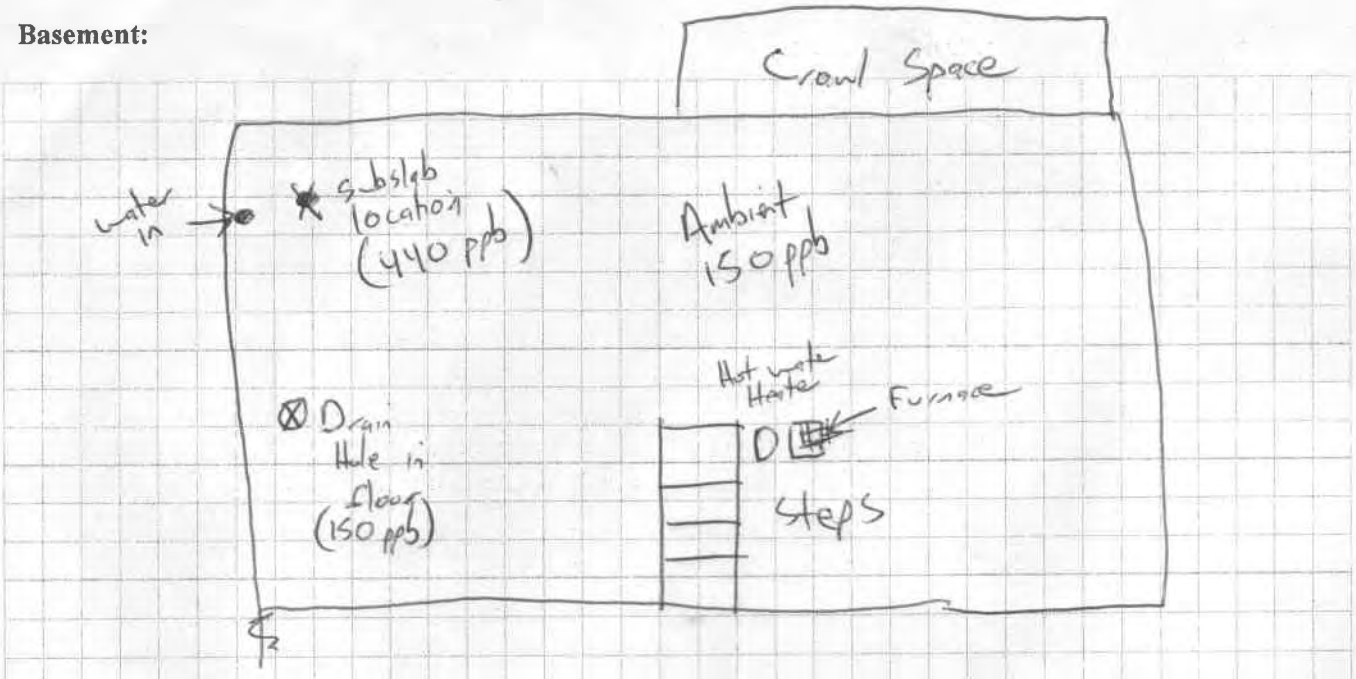
d. Relocation package provided and explained to residents? Y / N

Prop 1

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



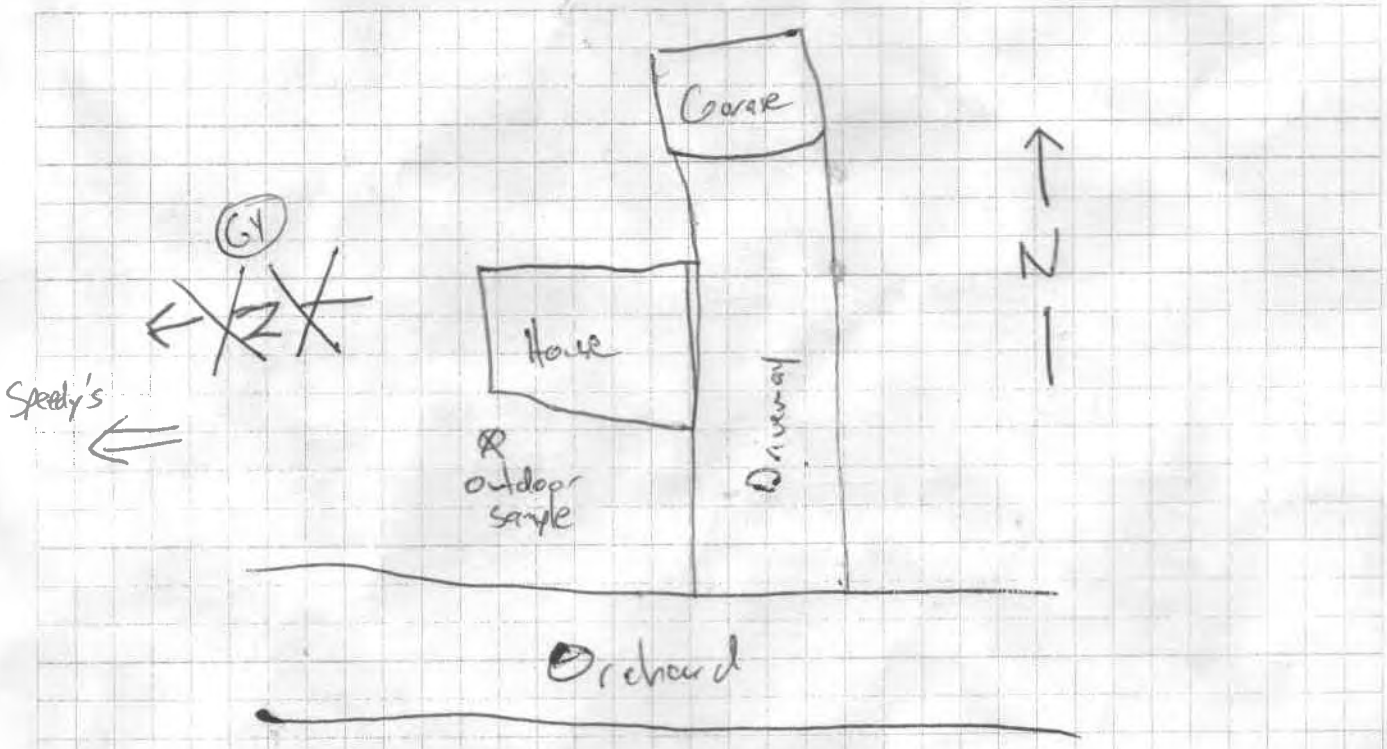
First Floor:

Prop 1

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Prop 1

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE plus

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	Latex Paints				Btgd	
	Klen Strip Stripper (2)	1 qt	U	Acetone, methanol, methylene chloride, toluene, ~~[illegible]~~ GY xylene	Btgd	
	Klean Strip After wash	1 qt	U	Acetone, methanol, xylene	1,300 ppb	
	Elmer Wood Filler	96ml	U	NL	Btgd	
	Reddi Insulation Foam Sealant	11oz	UO	Propane, isobutane	Btgd	
	Spackling compound Conc. patch, plumbers putty				Btgd	
	Krylon spray paint	12oz	U	Ketones, xylene, toluene, alcohols	Btgd	
	Min wax wood filler	6oz	U	NL	Btgd	
	Henry Flooring adhesive	1 qt	U	VOCs	Btgd	
	WD-40	12oz	U	Petroleum distillates	Btgd	
	Contact Cement	50ml	U	NL	1,000 ppb	
	motor oil, wax, armor all, coolant, lamp oil					
	Laundry detergent					
	windex, 409, comet, go jo, tilex, cascade, Febreeze, shout, fantastic, Flea B-gone, tub & tile, Air freshener, CLR, tilex, orange clean, woolite, soft scrub, glass plus, lysol, carpet cleaner, clorox,					
	Home Dry Cleaning kit Custom Cleaner			No perchloroethylene (statement on box)		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Prop 1

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ______________________________

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	sneaker white, static guard, shoe polish, suede treatment, raid, hot shot bug killer, suede cleaner, [illegible] spray, yankee candle spray				Bksd ↓	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Prop 1

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Laundry Closet	Boot Protector Foot Lockes	10.5 oz	U	heptane	65ppb	N
	Rain+Stain Protector Kiwi	5.5 oz	U	hydrocarbon propellants + petroleum distillates	bkgd	
	Instant Sneaker Cleaner Foot Locker	11 oz	U	NL	5,000 ppb	
	Lamp Oil	1 Qt	U	petroleum hydrocarbons	bkgd	
	Dri Wash 'n Guard CarWash	8oz	U	NL	1	
	Scotch Gard Fabric	10oz	U	Acetone, isopropanol, aliphatic hydrocarbon, CO_2 propellant, urethane	61000 ppb	
	Bag Sprays	Various	U		bkgd	
	Cleansers	Various	U		1	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

140 Orchard Drive

OSR – 3

Pg 4

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Katie Comeford NYSDOH Date/Time Prepared 2/16/11

Preparer's Affiliation Empire Geo Services Phone No. 585-359-2730

Purpose of Investigation Soil Vapor Intrusion

1. OCCUPANT:

Interviewed: Y / N

Last Name: Nyer First Name: Leonard

Address: 140 Orchard Drive

County: Monroe

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location 1 Age of Occupants 50+

2. OWNER OR LANDLORD: (Check if same as occupant X)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential (Industrial) School (Church) Commercial/Multi-use Other: _____

Media	Regulator	Canister	Start Loc	Start Date	Start Time	End Loc	End Date	End Time	Sample ID
Subslab	6 K360	6633	-30	2/16/11	1345	-5	2/17/11	1255	828128-SS-004-01
Indoor	NA	6012013 ✓	–	2/16/11	1345	–	2/17/11	1255	828128-IA-004-01 ✓
Outdoor	NA	6015604 ✓	–	2/16/11	1005	–	2/17/11	915	828128-OA-003-01 ✓

Prop 4

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: 2 story

If multiple units, how many? NA

If the property is commercial, type?

Business Type(s) NA

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 1 + Attic Building age late 1940's early 1950's

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

Prop 4

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	(wood frame)	concrete	stone	brick
b. Basement type:	(full)	crawlspace	slab	other _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	(uncovered)	covered	covered with _____	
e. Concrete floor:	(unsealed)	sealed	sealed with _____	
f. Foundation walls:	(poured)	block	stone	other _____
g. Foundation walls:	(unsealed)	sealed	sealed with _____	
h. The basement is:	wet	damp	(dry)	moldy
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	(Y) / N			
k. Water in sump?	Y (N) not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Sump, very thin slab w/soils below, no crushed stone

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other_____
Air conditioning:	(Central Air)	Window units	Open Windows	None

Pg 4

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Laundry, exercise
1st Floor	Living space
2nd Floor	Attic - not
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y (N)

b. Does the garage have a separate heating unit? Y / N (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N (NA) Please specify _____

d. Has the building ever had a fire? Y (N) When? _____

e. Is a kerosene or unvented gas space heater present? Y (N) Where? _____

f. Is there a workshop or hobby/craft area? Y (N) Where & Type? _____

g. Is there smoking in the building? Y (N) How frequently? _____

h. Have cleaning products been used recently? Y (N) When & Type? _____

i. Have cosmetic products been used recently? Y (N) When & Type? _____

Prop 4

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y (N) Where & When? _____

l. Have air fresheners been used recently? Y (N) When & Type? _____

m. Is there a kitchen exhaust fan? (Y) N If yes, where vented? _____

n. Is there a bathroom exhaust fan? (Y) N If yes, where vented? _____

o. Is there a clothes dryer? (Y) N If yes, is it vented outside? (Y) / N

p. Has there been a pesticide application? Y (N) When & Type? _____

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) (Unknown)
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: NA

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

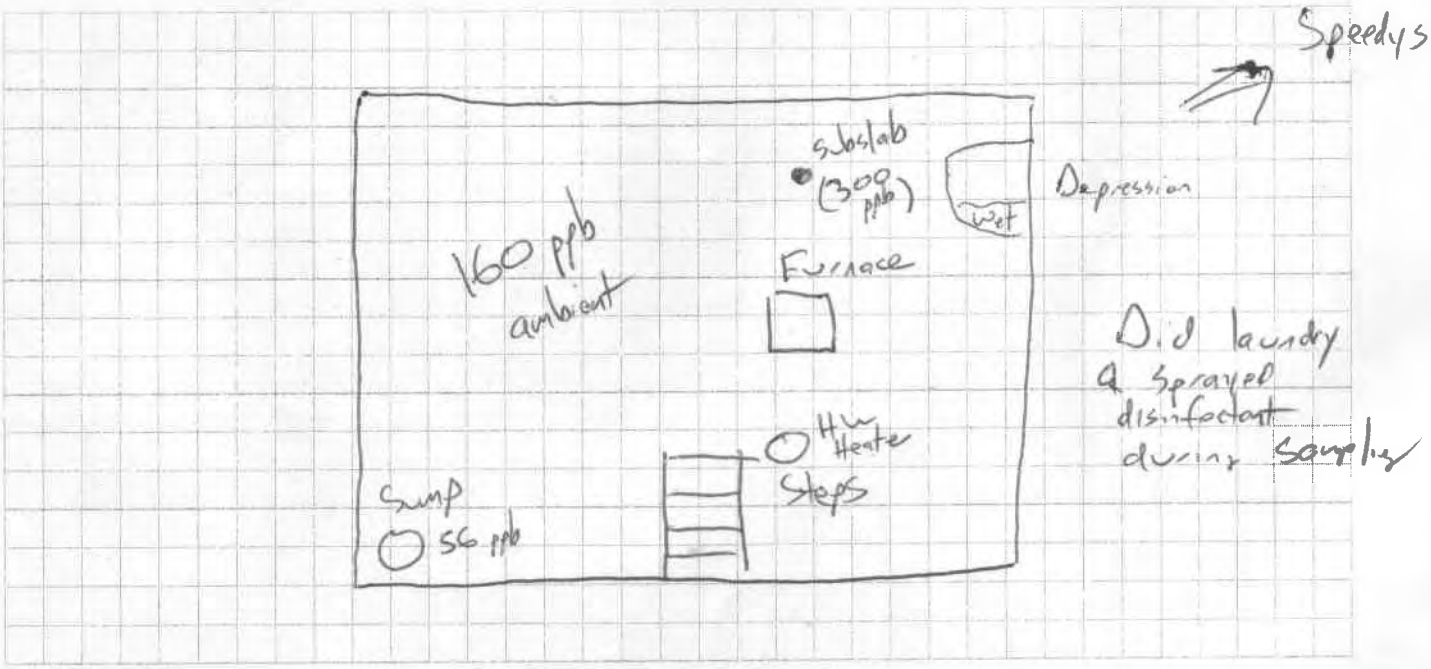
d. Relocation package provided and explained to residents? Y / N

Prop 4

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



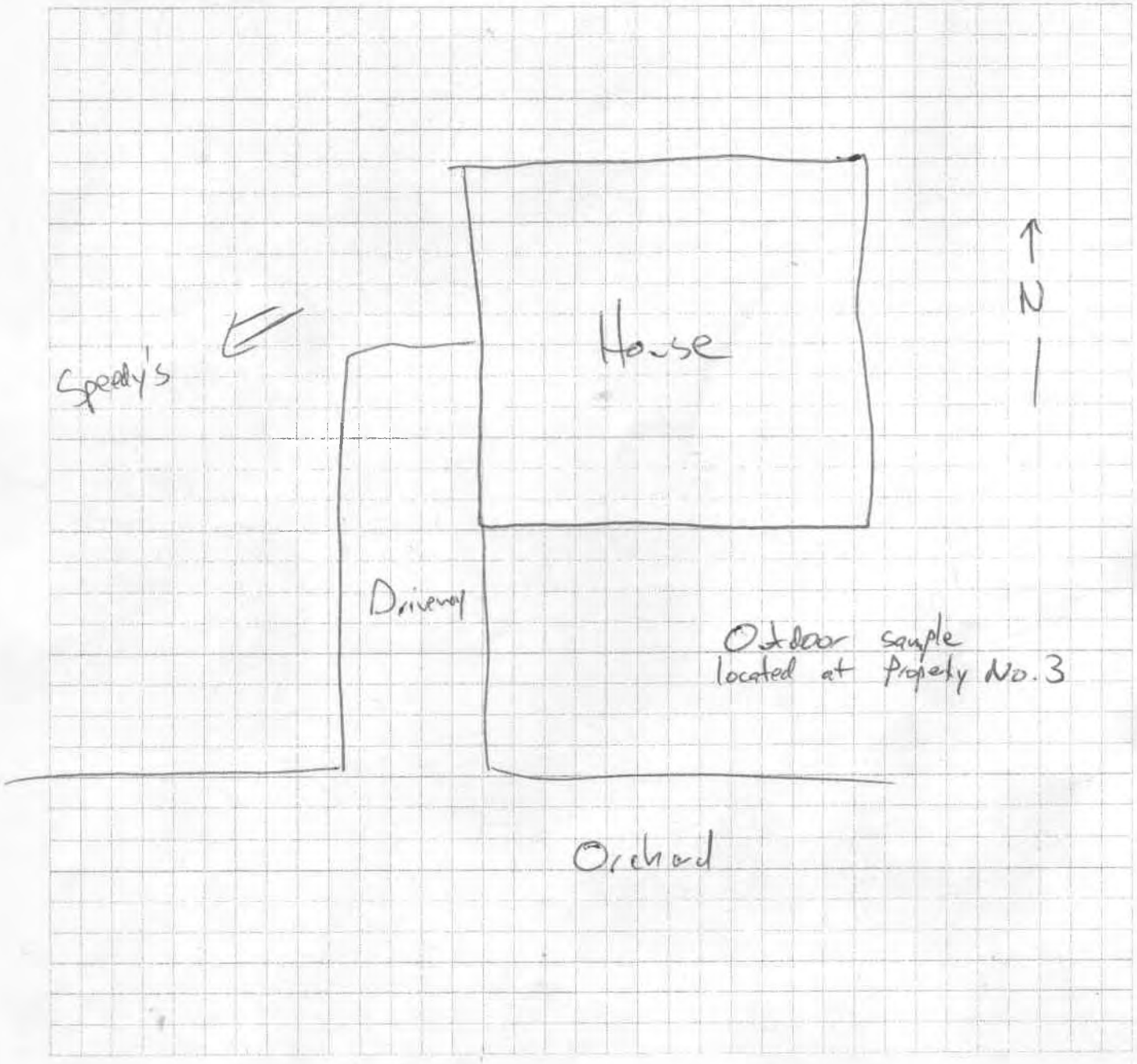
First Floor:

Prop 4

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Prop 4

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	Wet Jet cleaner	1.25L	U	NL	Bkgd	
	Liquid fabric softener, Lysol spray, bleach, Spray & wash,				↓	
	clorox stain remover					
	Murphy oil soap	32 floz	U	NL		
	Mobil 0.1	1 qt	U	NL		
	Gas can			(empty)	22 ppm	
	Lawn mower				4,000 ppb	
	Wegmans All purpose cleaner	32 floz	U	NL	Bkgd	
	Pledge	12.5 oz	U	NL	Bkgd	
	Raid	(2) 15oz	U	No TO-17 cmpds listed	↓	
	Live Away	16 fl oz	U	NL		
	Spot Shot Carpet Stain	22 fl oz	U	NL		
	Think Cat Top Clean	24 oz	U	NL		
	Carpet Express	16 oz	U	NL		
	Pet Odor Eliminator	22 oz	U	NL		
	Zep Glass Vision clean	32 floz	U	No TO-17 cmpds		
	Ace Glass Cleaner	18 oz	U	NL		
	Moldex Mold Inhibitor	32 oz	U	NL		
	Silicone Latex Caulk	4.5 floz	U	NL	662 ppb	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Prop 4

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Goof Off	(2) 4.5 oz	U	NL	2,300 ppb	
	Rustoleum Spray Enam.	12 oz	U	toluene, xylene	Bkgd	
	Castle Ace Silicone Spray	10 oz	U	Hexane, propane, isobutane, n-butane, silicone	↓	
	Goo Gone	8 fl oz	U	Petroleum distillates	↓	
*	Gunk White Lithium Grease	10.25 oz	U	[Perchloroethylene] propane, butane	1,200 ppb	*
	GE Silicone II	10.1 fl oz	U	NL	Bkgd	
	Lacquer Thinner	1 q	U	Acetone, ethyl acetate, methanol, petroleum distillates, toluene	↓	
	Natural Plastic Wood	10 oz	U	Acetone	↓	
	Tung Seal Oil Base stain	0.5 pint	U	Petroleum distillate	↓	
	Urethane	(2) 1 qt	U	Aliphatic hydrocarbons	600 ppb	
	Spray paint	12 oz	U		2,500 ppb	
	Woodsman Redwood Stain	1 qt	U	No TO-17 cmpds listed	Bkgd	
	Spackling compound	(2) 8 oz	U	NL	↓	
	Premixed ceramic tile adhesive & grout	1 qt	U	NL	↓	
	Various paints and primers (~5 cans)				↓	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

185 Orchard Drive

OSR – 3

Prop 3

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Katie Conaford NYSDOH Date/Time Prepared 2/16/11

Preparer's Affiliation Empire Geo Services Phone No. 585-359-2730

Purpose of Investigation Soil Vapor Intrusion

1. OCCUPANT:

Interviewed: Y / N

Last Name: Weetman First Name: Joan

Address: 185 Orchard Drive

County: Monroe

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location 2 Age of Occupants 50+

2. OWNER OR LANDLORD: (Check if same as occupant X)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) Industrial School Church Commercial/Multi-use Other:

Media	Regulator	Canister	Start Vac	Start Date	Start Time	End Vac	End Date	End Time	Sample ID
Subslab	K347	11292	-30	2/16/11	957	-8	2/17/11	900	828128-SS-003-01
Subslab-Dup	K463	12162	-29.5	2/16/11	957	-8	2/17/11	900	828128-SS-003-02
Indoor	NA	6015867O ✓	–	2/16/11	1000	–	2/17/11	900	828128-IA-003-01
Outdoor	NA	6015964 ✓	–	2/16/11	1005	–	2/17/11	915	828128-OA-003-01 ✓

Prop 3

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: Two Story

If multiple units, how many? NA

If the property is commercial, type?

Business Type(s) NA

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2 Building age 1929

Is the building insulated? (Y) / N How air tight? (Tight / ~~Average~~ / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

Prop 3

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Primary: Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other Furnace

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Prop 3

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	work bench, storage, laundry, toilet, sink
1st Floor	kitchen, bathroom, dining room
2nd Floor	bedrooms, bathroom
3rd Floor	Attic
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify _____

d. Has the building ever had a fire? Y (N) When? _____

e. Is a kerosene or unvented gas space heater present? Y (N) Where? _____

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? Basement but seldomly used

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? (Y) / N When & Type? kitchen sink with bleach product 20 hrs ago

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

Prop 3

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? yes in 1st + 2nd floor

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? not in basement

o. Is there a clothes dryer? (Y) / N If yes, is it vented outside? (Y) / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: NA

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

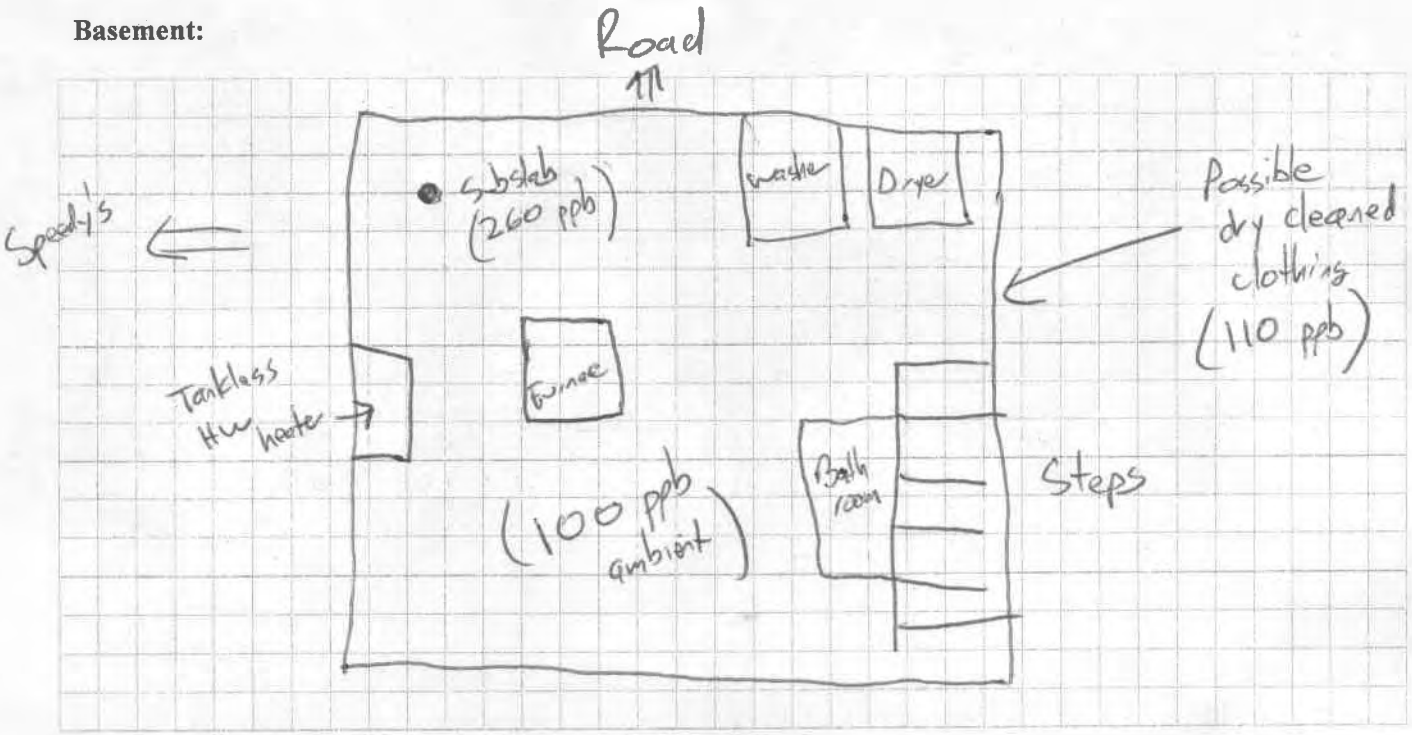
d. Relocation package provided and explained to residents? Y / N

Prop 3

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



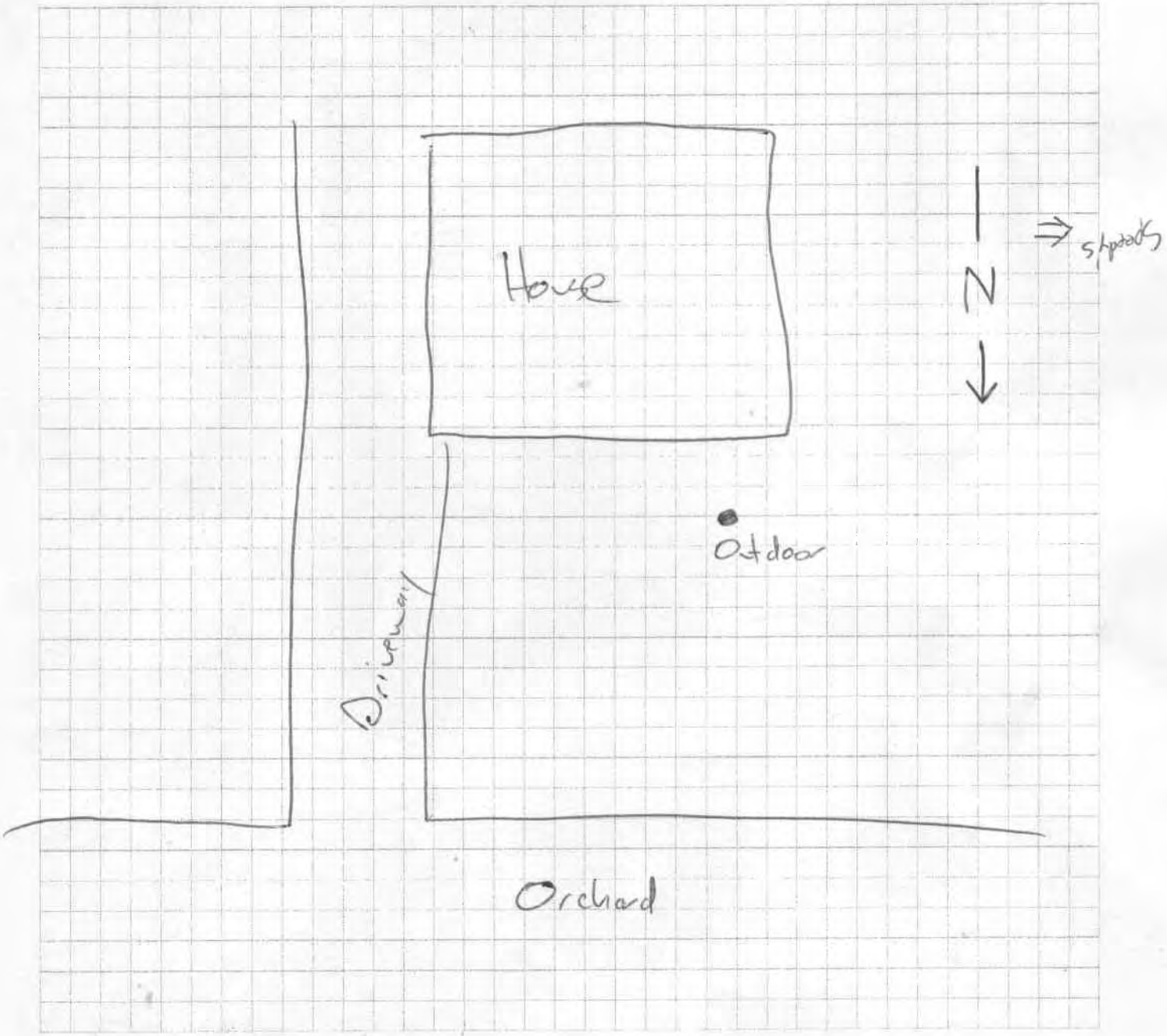
First Floor:

Prop 3

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Prop 3

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	Gel gloss	16 floz	U	Petroleum distillates	Bkgd	
	Ski go wax remover	NL	U	xylene, aromatic hydrocarbons	Bkgd	
	Tarn-X	12 floz	U	NL	220 ppb	
	Plastic weld	NL	U	Trichloromethane	127 ppb	
	Sno Seal wax	7.5 oz	U	NL	Bkgd	
	Carpenters Wood Glue	225 ml	U	NL		
	Case honing oil	4 floz	U	NL		
	Nikwax Leather Conditioner	125 ml	U	NL		
	Stg Pst Plumbers Putty	14 oz	U	NL		
	Various Shoe Polishes				to 187 ppb	
	DAP Caulking	11 floz	UO	NL		
	~~DA~~ Abtib. Panel Adhesive	11 floz	UO	Petroleum hydrocarbons	149 ppb	
	Red Wings Boot & Shoe Oil	8.9 oz	U	NL	Bkgd	
	Spray on duste	12 oz	U	NL	153 ppb	
	Lock Ease lock fluid	3.5 oz	U	NL	190 ppb	
	Jet Blak oil Spot Seal	32 floz	U	NL	Bkgd	
	Schwinn Lube	10.5 oz	U	NL	Bkgd	
	DAP Caulk & flashing	10.1 floz	U	VOCs	360 ppb	
	Silicon Water Repellent	8 oz	U	NL	108 ppb	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Prop 3

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Bug & tar remove	12oz	U	NL	Btgd	
	Min wax wood filler		U	Aromatic hydrocarbons & stone	Btgd	
	Flitz metal polish	250mL	U	NL	Btgd	
	Lysol, Raid, Motor Oil,		penetrating oil,			
	Paint cans	10	U			
	Polyurethane	2-3	U			
	Spray paints	5	U		up to 300 ppb	
	Lacquer thinner, paint and varnish remover				up to 5,000 ppb	
	Laundry detergents					
	Dryel Dry clean only fabric care	4 dryeloads	U	NL		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT D

Data Usability Summary Reports

Data Usability Summary Report

SJB
Speedy Cleaners

Laboratory Data Set
TestAmerica Laboratories # H1B220452
May 11, 2011

Sample Date

February 15-17, 2011

Prepared by

Jodi Zimmerman, B.S.
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for SJB, Project # 828128, TestAmerica Laboratories, ID H1B220452, submitted to Vali-Data of WNY, LLC on May 10, 2011. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocol and USEPA National Functional Guidelines. The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

ORGANICS

The following items/criteria were reviewed for this report:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Tuning
- Canister Certification Blanks

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified as estimated in Laboratory Control Samples, Compound Quantitation and Initial Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except an alternate 'zero-air' is used for these samples.

No MDL's were included in the original package due to contract specific detection limits which equal to the reporting limits.

The samples were diluted due to the presence of non-target compounds.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

INTERNAL STANDARD (IS)

The IS did meet criteria for all samples.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

TRIP BLANKS

No trip blank was acquired.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 2-Butanone was outside QC limits, low in the LCS run on 2/24/11 and should be qualified as estimated in the samples.
Ethanol was not part of the Laboratory Control Sample due to the single-point calibration.

MS/MSD

No MS/MSD was performed.

COMPOUND QUANTITATION

All criteria were met except the final vacuum of sample 828128-SS-002-01 was outside ASP QC limits. All target analytes in this sample should be considered estimated.

INITIAL CALIBRATION

All criteria were met except the %RSD of 2-Butanone and Bromoform were outside QC limits. ASP allows for up to two target analytes to be outside QC limits, as long as they do not exceed 40%, so no further action is required.

A single point calibration was performed for Ethanol, thus Ethanol should be qualified as estimated throughout.

CONTINUING CALIBRATION

All criteria were met except the %D of 2-Butanone was outside QC limits in the continuing calibration run on 2/24/11. ASP allows for up to two target analytes to be outside QC limits, as long as they do not exceed 40%, so no further action is required.

GC/MS TUNING

All criteria were met.

CANISTER CERIFICATION BLANKS

All criteria were met.

No raw data was provided.

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-001-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 001 **Work Order #** MENMJ1AA **Matrix.....:** AIR

Date Sampled...: 02/15/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**11** J	**4.0**	**21**	**7.5**
Ethylbenzene	**1.6**	**0.40**	**7.0**	**1.7**
Trichlorofluoromethane	**0.53**	**0.40**	**3.0**	**2.2**
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	**2.6**	**1.0**	**9.3**	**3.5**
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	**1.8**	**1.0**	**6.2**	**3.5**
Benzene	**1.0**	**0.40**	**3.2**	**1.3**
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**1.1**	**0.40**	**4.6**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	**4.1**	**0.40**	**28**	**2.7**
Toluene	**3.7**	**0.40**	**14**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	**0.68**	**0.40**	**3.4**	**2.0**
1,3,5-Trimethylbenzene	**0.44**	**0.40**	**2.2**	**2.0**
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.5**	**0.40**	**6.5**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**6.3**	**0.40**	**27**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND J	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0
Chloromethane	ND	1.0	ND	2.1

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-001-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 001 **Work Order #** MENMJ1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Cyclohexane	**1.1**	**1.0**	**3.9**	**3.4**
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.66**	**0.40**	**3.3**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	**0.85**	**0.40**	**3.4**	**1.6**
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	103	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-002-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 002 **Work Order #** MENMM1AA **Matrix.....:** AIR

Date Sampled...: 02/16/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND J	1.0	ND	3.6
Ethanol	**12**	**4.0**	**22**	**7.5**
Ethylbenzene	**1.3**	**0.40**	**5.9**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	**2.9**	**1.0**	**10**	**3.5**
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	**0.79**	**0.40**	**2.5**	**1.3**
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.77**	**0.40**	**3.3**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**2.6**	**0.40**	**9.9**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	**0.51**	**0.40**	**2.5**	**2.0**
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.4**	**0.40**	**6.2**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**5.7**	**0.40**	**25**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND J	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0

All target analytes should be "J" or "UJ"

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-002-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 002 **Work Order #** MENMM1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	**1.8**	**1.0**	**6.2**	**3.4**
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	**0.51**	**0.40**	**3.1**	**2.4**
Dichlorodifluoromethane	**0.72**	**0.40**	**3.6**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	ND	0.40	ND	1.6
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	91	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

All target analytes should be "J" or "UJ"

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 003 **Work Order #** MENMN1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	ND J	4.0	ND	7.5
Ethylbenzene	**0.92**	**0.40**	**4.0**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	ND	0.40	ND	1.3
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.84**	**0.40**	**3.6**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**0.70**	**0.40**	**2.6**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**0.86**	**0.40**	**3.7**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**3.5**	**0.40**	**15**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND J	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 003 **Work Order #** MENMN1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.47**	**0.40**	**2.3**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	ND	0.40	ND	1.6
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	108	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-004-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 004 **Work Order #** MENMQ1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**340** J	**4.0**	**640**	**7.5**
Ethylbenzene	**1.1**	**0.40**	**4.9**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	**1.7**	**1.6**	**5.1**	**4.9**
Methylene chloride	ND	1.0	ND	3.5
Benzene	**0.60**	**0.40**	**1.9**	**1.3**
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.67**	**0.40**	**2.8**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**2.1**	**0.40**	**7.7**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.0**	**0.40**	**4.4**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**3.8**	**0.40**	**17**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND J	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	**0.48**	**0.40**	**1.3**	**1.1**
Chloroform	ND	0.40	ND	2.0

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Client Sample ID: 828128-SS-004-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 004 **Work Order #** MENMQ1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.60**	**0.40**	**3.0**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	**0.45**	**0.40**	**1.8**	**1.6**
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	104	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-02

GC/MS Volatiles

Lot-Sample # H1B220452 - 005 **Work Order #** MENMR1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	ND J	4.0	ND	7.5
Ethylbenzene	**0.87**	**0.40**	**3.8**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	ND	0.40	ND	1.3
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.78**	**0.40**	**3.3**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**0.61**	**0.40**	**2.3**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**0.81**	**0.40**	**3.5**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**3.3**	**0.40**	**14**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND J	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	ND	0.40	ND	1.1
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-003-02

GC/MS Volatiles

Lot-Sample # H1B220452 - 005 **Work Order #** MENMR1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.42**	**0.40**	**2.1**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	ND	0.40	ND	1.6
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	107	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-005-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 006 **Work Order #** MENMT1AA **Matrix.....:** AIR

Date Sampled...: 02/17/2011 **Date Received..:** 02/19/2011
Prep Date.....: 02/24/2011 **Analysis Date...** 02/24/2011
Prep Batch #.....: 1056173
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.40	ND	1.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.40	ND	2.8
1,4-Dioxane	ND	1.0	ND	3.6
Ethanol	**6.1** J	**4.0**	**12**	**7.5**
Ethylbenzene	**1.4**	**0.40**	**6.1**	**1.7**
Trichlorofluoromethane	ND	0.40	ND	2.2
Hexachlorobutadiene	ND	0.40	ND	4.3
n-Hexane	ND	1.0	ND	3.5
2,2,4-Trimethylpentane	ND	1.0	ND	4.7
tert-Butyl alcohol	ND	1.6	ND	4.9
Methylene chloride	ND	1.0	ND	3.5
Benzene	ND	0.40	ND	1.3
Benzyl chloride	ND	0.80	ND	4.1
Styrene	**0.95**	**0.40**	**4.1**	**1.7**
1,1,2,2-Tetrachloroethane	ND	0.40	ND	2.7
Tetrachloroethene	ND	0.40	ND	2.7
Toluene	**1.4**	**0.40**	**5.3**	**1.5**
1,2,4-Trichlorobenzene	ND	0.40	ND	3.0
1,1,1-Trichloroethane	ND	0.40	ND	2.2
1,1,2-Trichloroethane	ND	0.40	ND	2.2
Trichloroethene	ND	0.20	ND	1.1
1,2,4-Trimethylbenzene	ND	0.40	ND	2.0
1,3,5-Trimethylbenzene	ND	0.40	ND	2.0
Vinyl chloride	ND	0.40	ND	1.0
o-Xylene	**1.2**	**0.40**	**5.3**	**1.7**
Methyl tert-butyl ether	ND	0.80	ND	2.9
1,1,2-Trichlorotrifluoroethane	ND	0.40	ND	3.1
m-Xylene & p-Xylene	**4.9**	**0.40**	**21**	**1.7**
Bromodichloromethane	ND	0.40	ND	2.7
1,2-Dibromoethane (EDB)	ND	0.40	ND	3.1
2-Butanone (MEK)	ND J	1.6	ND	4.7
4-Methyl-2-pentanone (MIBK)	ND	1.0	ND	4.1
Bromoform	ND	0.40	ND	4.1
Bromomethane	ND	0.40	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.40	ND	1.8
Dibromochloromethane	ND	0.40	ND	3.4
Chloroethane	**0.74**	**0.40**	**1.9**	**1.1**
Chloroform	ND	0.40	ND	2.0

New York State D.E.C - e-Procurement

Client Sample ID: 828128-SS-005-01

GC/MS Volatiles

Lot-Sample # H1B220452 - 006 **Work Order #** MENMT1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	1.0	ND	2.1
Cyclohexane	ND	1.0	ND	3.4
1,2-Dichlorobenzene	ND	0.40	ND	2.4
1,3-Dichlorobenzene	ND	0.40	ND	2.4
1,4-Dichlorobenzene	ND	0.40	ND	2.4
Dichlorodifluoromethane	**0.75**	**0.40**	**3.7**	**2.0**
1,1-Dichloroethane	ND	0.40	ND	1.6
1,2-Dichloroethane	**0.70**	**0.40**	**2.8**	**1.6**
1,1-Dichloroethene	ND	0.40	ND	1.6
cis-1,2-Dichloroethene	ND	0.40	ND	1.6
trans-1,2-Dichloroethene	ND	0.40	ND	1.6
1,2-Dichloropropane	ND	0.40	ND	1.8
cis-1,3-Dichloropropene	ND	0.40	ND	1.8

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	111	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

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Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample #	H1B250000 - 173B	**Work Order #**	MEVTX1AA	**Matrix.....:**	AIR
	02/16/2011	**Date Received..:**	02/21/2011		
Prep Date.....:	02/24/2011	**Analysis Date...**	02/24/2011		
Prep Batch #.....:	1056173				
Dilution Factor.:	1	**Method.....:**	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.080	ND	0.36
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.080	ND	0.56
1,4-Dioxane	ND	0.20	ND	0.72
Ethanol	ND	0.80	ND	1.5
Ethylbenzene	ND	0.080	ND	0.35
Trichlorofluoromethane	ND	0.080	ND	0.45
Hexachlorobutadiene	ND	0.080	ND	0.85
n-Hexane	ND	0.20	ND	0.70
2,2,4-Trimethylpentane	ND	0.20	ND	0.93
tert-Butyl alcohol	ND	0.32	ND	0.97
Methylene chloride	ND	0.20	ND	0.69
Benzene	ND	0.080	ND	0.26
Benzyl chloride	ND	0.16	ND	0.83
Styrene	ND	0.080	ND	0.34
1,1,2,2-Tetrachloroethane	ND	0.080	ND	0.55
Tetrachloroethene	ND	0.080	ND	0.54
Toluene	ND	0.080	ND	0.30
1,2,4-Trichlorobenzene	ND	0.080	ND	0.59
1,1,1-Trichloroethane	ND	0.080	ND	0.44
1,1,2-Trichloroethane	ND	0.080	ND	0.44
Trichloroethene	ND	0.040	ND	0.21
1,2,4-Trimethylbenzene	ND	0.080	ND	0.39
1,3,5-Trimethylbenzene	ND	0.080	ND	0.39
Vinyl chloride	ND	0.080	ND	0.20
o-Xylene	ND	0.080	ND	0.35
Methyl tert-butyl ether	ND	0.16	ND	0.58
1,1,2-Trichlorotrifluoroethane	ND	0.080	ND	0.61
m-Xylene & p-Xylene	ND	0.080	ND	0.35
Bromodichloromethane	ND	0.080	ND	0.54
1,2-Dibromoethane (EDB)	ND	0.080	ND	0.61
2-Butanone (MEK)	ND	0.32	ND	0.94
4-Methyl-2-pentanone (MIBK)	ND	0.20	ND	0.82
Bromoform	ND	0.080	ND	0.83
Bromomethane	ND	0.080	ND	0.31
Carbon tetrachloride	ND	0.040	ND	0.25
Chlorobenzene	ND	0.080	ND	0.37
Dibromochloromethane	ND	0.080	ND	0.68
Chloroethane	ND	0.080	ND	0.21
Chloroform	ND	0.080	ND	0.39

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Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H1B250000 - 173B **Work Order #** MEVTX1AA **Matrix.....:** AIR

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Chloromethane	ND	0.20	ND	0.41
Cyclohexane	ND	0.20	ND	0.69
1,2-Dichlorobenzene	ND	0.080	ND	0.48
1,3-Dichlorobenzene	ND	0.080	ND	0.48
1,4-Dichlorobenzene	ND	0.080	ND	0.48
Dichlorodifluoromethane	ND	0.080	ND	0.40
1,1-Dichloroethane	ND	0.080	ND	0.32
1,2-Dichloroethane	ND	0.080	ND	0.32
1,1-Dichloroethene	ND	0.080	ND	0.32
cis-1,2-Dichloroethene	ND	0.080	ND	0.32
trans-1,2-Dichloroethene	ND	0.080	ND	0.32
1,2-Dichloropropane	ND	0.080	ND	0.37
cis-1,3-Dichloropropene	ND	0.080	ND	0.36

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	97	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

New York State D.E.C - e-Procurement

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H1B250000 - 173C **Work Order #** MEVTX1AC **Matrix.....:** AIR

	02/16/2011	**Date Received..:**	02/21/2011
Prep Date.....:	02/24/2011	**Analysis Date...**	02/24/2011
Prep Batch #.....:	1056173		
Dilution Factor.:	1	**Method.....:**	TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
trans-1,3-Dichloropropene	5.00	5.07	23	23	101	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	5.00	6.29	35	44	126	60 - 140
1,4-Dioxane	5.00	5.27	18	19	105	60 - 140
Ethylbenzene	5.00	4.60	22	20	92	70 - 130
Trichlorofluoromethane	5.00	6.01	28	34	120	60 - 140
Hexachlorobutadiene	5.00	5.24	53	56	105	60 - 140
n-Hexane	5.00	3.94	18	14	79	70 - 130
2,2,4-Trimethylpentane	5.00	4.24	23	20	85	70 - 130
tert-Butyl alcohol	5.00	5.21	15	16	104	60 - 140
Methylene chloride	5.00	3.96	17	14	79	70 - 130
Benzene	5.00	4.26	16	14	85	70 - 130
Benzyl chloride	5.00	4.22	26	22	84	70 - 130
Styrene	5.00	5.20	21	22	104	70 - 130
1,1,2,2-Tetrachloroethane	5.00	4.25	34	29	85	70 - 130
Tetrachloroethene	5.00	5.45	34	37	109	70 - 130
Toluene	5.00	4.50	19	17	90	70 - 130
1,2,4-Trichlorobenzene	5.00	4.62	37	34	92	60 - 140
1,1,1-Trichloroethane	5.00	5.36	27	29	107	70 - 130
1,1,2-Trichloroethane	5.00	5.11	27	28	102	70 - 130
Trichloroethene	5.00	5.72	27	31	114	70 - 130
1,1,2-Trichlorotrifluoroethane	5.00	4.77	38	37	95	70 - 130
1,2,4-Trimethylbenzene	5.00	4.72	25	23	94	70 - 130
1,3,5-Trimethylbenzene	5.00	4.89	25	24	98	70 - 130
Vinyl chloride	5.00	4.50	13	11	90	70 - 130
o-Xylene	5.00	4.79	22	21	96	70 - 130
Methyl tert-butyl ether	5.00	4.88	18	18	98	60 - 140
m-Xylene & p-Xylene	10.0	9.57	43	42	96	70 - 130
Bromodichloromethane	5.00	5.80	34	39	116	70 - 130
1,2-Dibromoethane (EDB)	5.00	5.24	38	40	105	70 - 130
2-Butanone (MEK)	5.00	3.19	15	9.4	64	60 - 140
4-Methyl-2-pentanone (MIBK)	5.00	3.84	20	16	77	60 - 140
Bromoform	5.00	5.65	52	58	113	60 - 140
Bromomethane	5.00	5.34	19	21	107	70 - 130
Carbon tetrachloride	5.00	6.41	31	40	128	70 - 130
Chlorobenzene	5.00	5.05	23	23	101	70 - 130
Dibromochloromethane	5.00	5.81	43	50	116	70 - 130
Chloroethane	5.00	4.51	13	12	90	70 - 130

New York State D.E.C - e-Procurement

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H1B250000 - 173C **Work Order #** MEVTX1AC **Matrix.....:** AIR

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Chloroform	5.00	4.80	24	23	96	70 - 130
Chloromethane	5.00	3.80	10	7.8	76	60 - 140
Cyclohexane	5.00	4.75	17	16	95	70 - 130
1,2-Dichlorobenzene	5.00	5.05	30	30	101	70 - 130
1,3-Dichlorobenzene	5.00	4.76	30	29	95	70 - 130
1,4-Dichlorobenzene	5.00	4.69	30	28	94	70 - 130
Dichlorodifluoromethane	5.00	5.94	25	29	119	60 - 140
1,1-Dichloroethane	5.00	4.29	20	17	86	70 - 130
1,2-Dichloroethane	5.00	5.49	20	22	110	70 - 130
1,1-Dichloroethene	5.00	4.28	20	17	86	70 - 130
cis-1,2-Dichloroethene	5.00	4.67	20	19	93	70 - 130
trans-1,2-Dichloroethene	5.00	5.17	20	21	103	70 - 130
1,2-Dichloropropane	5.00	4.34	23	20	87	70 - 130
cis-1,3-Dichloropropene	5.00	4.84	23	22	97	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	105	60 - 140

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) * Dilution Factor) * (Molecular Weight/24.45)

Data Usability Summary Report

Empire Geo Services, Inc. #828128
Speedy Cleaners

Laboratory Data Set
Vapor Trail Analytics, LLC # 201110
May 18, 2011

Sample Date

February 14-17, 2011

Prepared by

Jodi Zimmerman, B.S.
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Empire Geo Services, Inc, #828128, Vapor Trail Analytics, LLC ID #201110, submitted to Vali-Data of WNY, LLC on May 11, 2011. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocol and USEPA National Functional Guidelines. The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-17, January 1999.

ORGANICS

The following items/criteria were reviewed for this report:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Tuning
- Sorbent Tube Cleaning

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified as estimated in Initial Calibration, below. Lack of a laboratory control sample and matrix spikes may call into question the accuracy of the concentrations of the target analytes.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL were provided in the original package. Vapor Trail Analytics utilized LOQ .
Form 1's for samples 828133-IA-004-01 was not included in the original package. This page is attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times for the samples were met.

INTERNAL STANDARD (IS)
The IS did meet criteria for all samples.

SURROGATE SPIKE RECOVERIES
No surrogate spike was utilized.

METHOD BLANK
All criteria were met.

FIELD BLANKS
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
No laboratory control sample was performed.

MS/MSD
No MS/MSD were performed.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %RSD of Vinyl Chloride was outside QC limits. USEPA SOP # HW-31 Revision #4 allows for the %RSD of up to two target analytes to be outside QC limits but not outside the outer limit of 40%.

The %RSD of Methyl Acetate, Benzene and Styrene were outside outer QC limits. Vapor Trail Analytics used quadratic regression on these target analytes. The results of the r^2 values were within QC limits for all applicable target analytes except Styrene. The %RSD of Styrene also exceeded 90%. Styrene detected in the samples should be qualified as estimated. In the samples and blanks in which Styrene was not detected, it should be considered unusable. Vapor Trail Analytics qualified Methyl Acetate, Benzene and Styrene as estimated in the samples.

No quadratic information was included in the original package. Those pages are attached.

CONTINUING CALIBRATION

All criteria were met.

GC/MS TUNING

All criteria were met.

SORBENT TUBE CLEANING

All criteria were met.

VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

179 Lake Avenue
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www.vaportrailanalytics.com

28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-004-01
Field ID Number: GO122073
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1432
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.67	5.4 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis-1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.55	5.0
Ethylbenzene	1	1.64	4.0
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.50	Not Detected J
Methylcyclohexane	1	0.31	3.0
m,p-Xylenes	1	0.64	11
o-Xylene	1	0.15	3.7
Styrene	1	2.84	Not Detected ~~J~~ R
Tetrachloroethylene	1	0.15	1.7
Toluene	1	0.28	13
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-24.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

Note: This report is part of a multipart document, and should only be evaluated in its entirety.
Please refer to the included chain of custody for additional sample information.

VaporTrail Analytics
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28-Mar-2011

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phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Field Blank Report for Air

Field Location: 828128-BLANK1
Field ID Number: GO158947
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: Passive Field Blank
Dilution Factor: 1

Lab Sample Number: 1433
Date Sampled: 2/14/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	(ng) Reporting Limit	(ng) Mass on Tube
1,1-Dichloroethene	0.5	Not Detected
1,2-Dichloroethane	0.1	Not Detected
1,1,1-Trichloroethane	0.1	Not Detected
Benzene	2.0	Not Detected J
Carbon tetrachloride	0.1	Not Detected
Chloroform	0.1	Not Detected
cis -1,2-Dichloroethene	0.2	Not Detected
Cyclohexane	1.0	Not Detected
Ethylbenzene	1.0	Not Detected
Isopropylbenzene	0.1	Not Detected
Methyl acetate	2.0	Not Detected J
Methylcyclohexane	0.2	Not Detected
m,p -Xylenes	0.4	Not Detected
o -Xylene	0.1	Not Detected
Styrene	2.0	Not Detected J R
Tetrachloroethylene	0.1	Not Detected
Toluene	0.2	Not Detected
Trichloroethylene	0.1	Not Detected
Vinyl Chloride	0.1	Not Detected

Comments: ng = nanograms. NA = Not Applicable.
Data File: 022411-23.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-005-01
Field ID Number: GO158939
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1434
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.66	6.2 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.54	Not Detected
Ethylbenzene	1	1.63	2.9
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.49	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	6.7
o -Xylene	1	0.15	2.3
Styrene	1	2.83	Not Detected J R
Tetrachloroethylene	1	0.15	7.9
Toluene	1	0.28	9.5
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-25.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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28-Mar-2011

Client: Empire Geo Services, Inc.
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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-002-01
Field ID Number: GO158913
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1435
Date Sampled: 2/15-2/16/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.69	3.8
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	Not Detected
Ethylbenzene	1	1.65	2.1
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.52	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	2.6
o -Xylene	1	0.15	Not Detected
Styrene	1	2.87	Not Detected J R
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	4.0
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-26.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

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28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-005-01
Field ID Number: GO158956
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1436
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.66	5.3 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	1.5
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.54	2.5
Ethylbenzene	1	1.63	2.8
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.49	Not Detected J
Methylcyclohexane	1	0.31	2.2
m,p -Xylenes	1	0.64	5.8
o -Xylene	1	0.15	1.8
Styrene	1	2.83	Not Detected J R
Tetrachloroethylene	1	0.15	7.0
Toluene	1	0.28	10
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-27.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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Volatiles and Semi-Volatiles Characterization

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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-002-01
Field ID Number: GO158993
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1437
Date Sampled: 2/15-2/16/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.69	5.3 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	Not Detected
Ethylbenzene	1	1.65	2.2
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.52	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	2.5
o -Xylene	1	0.15	Not Detected
Styrene	1	2.87	Not Detected J R
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	3.7
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-28.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

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28-Mar-2011

Client: Empire Geo Services, Inc.
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phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-001-01
Field ID Number: GO158907
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1438
Date Sampled: 2/14-2/15/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.70	Not Detected J
Carbon tetrachloride	1	0.11	1.17
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	Not Detected
Ethylbenzene	1	1.66	Not Detected
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.53	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.65	Not Detected
o -Xylene	1	0.15	Not Detected
Styrene	1	2.88	Not Detected J R
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	1.41
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-29.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

179 Lake Avenue
Rochester, NY 14608 USA
Tel: (585) 727-2825
www.vaportrailanalytics.com

28-Mar-2011

Client: Empire Geo Services, Inc.
Report To: Greg Young
535 Summit Point Drive
Henrietta, NY 14467
phone (585) 359-2730

NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-001-01
Field ID Number: GO158957
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1439
Date Sampled: 2/14-2/15/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.08	Not Detected
1,2-Dichloroethane	1	0.15	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.71	3.8 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.57	Not Detected
Ethylbenzene	1	1.66	2.2
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.54	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.65	3.2
o -Xylene	1	0.15	Not Detected
Styrene	1	2.89	Not Detected J R
Tetrachloroethylene	1	0.16	Not Detected
Toluene	1	0.28	4.1
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-30.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-OA-003-01
Field ID Number: GO156964
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Outdoor Air

Lab Sample Number: 1440
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.06	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.67	5.6 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.55	Not Detected
Ethylbenzene	1	1.64	2.9
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.50	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	5.7
o -Xylene	1	0.15	2.1
Styrene	1	2.84	Not Detected J
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	8.4
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter

Data File: 022411-31.D

Signature: Jack D. Fox

Jack D. Fox PhD, Technical Director

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Client: Empire Geo Services, Inc.
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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Analysis Report for Air

Field Location: 828128-IA-003-01
Field ID Number: GO158970
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: 24-Hour Passive Indoor Air

Lab Sample Number: 1441
Date Sampled: 2/16-2/17/11
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	Dilution Factor	($\mu g \cdot m^{-3}$) Reporting Limit	($\mu g \cdot m^{-3}$) Result
1,1-Dichloroethene	1	1.07	Not Detected
1,2-Dichloroethane	1	0.14	Not Detected
1,1,1-Trichloroethane	1	0.17	Not Detected
Benzene	1	2.69	5.3 J
Carbon tetrachloride	1	0.11	Not Detected
Chloroform	1	0.14	Not Detected
cis -1,2-Dichloroethene	1	0.38	Not Detected
Cyclohexane	1	1.56	2.1
Ethylbenzene	1	1.65	2.6
Isopropylbenzene	1	0.15	Not Detected
Methyl acetate	1	2.52	Not Detected J
Methylcyclohexane	1	0.31	Not Detected
m,p -Xylenes	1	0.64	4.5
o -Xylene	1	0.15	Not Detected
Styrene	1	2.87	Not Detected J R
Tetrachloroethylene	1	0.15	Not Detected
Toluene	1	0.28	7.9
Trichloroethylene	1	0.15	Not Detected
Vinyl Chloride	1	0.28	Not Detected

Comments: $\mu g \cdot m^{-3}$ = micrograms per cubic meter
Data File: 022411-32.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Laboratory Blank Report for Air

Field Location: NA
Field ID Number: GO158931
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: Laboratory Blank #1 (Before Samples)
Dilution Factor: 1

Lab Sample Number: 1442
Date Sampled: NA
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	(ng) Reporting Limit	(ng) Mass on Tube
1,1-Dichloroethene	0.5	Not Detected
1,2-Dichloroethane	0.1	Not Detected
1,1,1-Trichloroethane	0.1	Not Detected
Benzene	2.0	Not Detected J
Carbon tetrachloride	0.1	Not Detected
Chloroform	0.1	Not Detected
cis -1,2-Dichloroethene	0.2	Not Detected
Cyclohexane	1.0	Not Detected
Ethylbenzene	1.0	Not Detected
Isopropylbenzene	0.1	Not Detected
Methyl acetate	2.0	Not Detected J
Methylcyclohexane	0.2	Not Detected
m,p -Xylenes	0.4	Not Detected
o -Xylene	0.1	Not Detected
Styrene	2.0	Not Detected J R
Tetrachloroethylene	0.1	Not Detected
Toluene	0.2	Not Detected
Trichloroethylene	0.1	Not Detected
Vinyl Chloride	0.1	Not Detected

Comments: ng = nanograms. NA = Not Applicable.
Data File: 022411-22.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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VaporTrail Analytics
Volatiles and Semi-Volatiles Characterization

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28-Mar-2011

Client: Empire Geo Services, Inc.
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NYSDOH ELAP ID Number: **11932**
Analytical Method: **Modified USEPA TO-17**

Sampling Method: ASTM D6196-03 (Axial Diffusive)

Laboratory Blank Report for Air

Field Location: NA
Field ID Number: GO158901
Client Project Number: 828128
Client Job Site: Former Speedy's Cleaners
Sample Type: Laboratory Blank #2 (After Samples)
Dilution Factor: 1

Lab Sample Number: 1443
Date Sampled: NA
Date Received: 2/18/11
Date Analyzed: 2/24/11
Lab Project Number: 201110

Analyte	(ng) Reporting Limit	(ng) Mass on Tube
1,1-Dichloroethene	0.5	Not Detected
1,2-Dichloroethane	0.1	Not Detected
1,1,1-Trichloroethane	0.1	Not Detected
Benzene	2.0	Not Detected J
Carbon tetrachloride	0.1	Not Detected
Chloroform	0.1	Not Detected
cis -1,2-Dichloroethene	0.2	Not Detected
Cyclohexane	1.0	Not Detected
Ethylbenzene	1.0	Not Detected
Isopropylbenzene	0.1	Not Detected
Methyl acetate	2.0	Not Detected J
Methylcyclohexane	0.2	Not Detected
m,p -Xylenes	0.4	Not Detected
o -Xylene	0.1	Not Detected
Styrene	2.0	Not Detected ~~J~~ R
Tetrachlorocthylene	0.1	Not Detected
Toluene	0.2	Not Detected
Trichloroethylene	0.1	Not Detected
Vinyl Chloride	0.1	Not Detected

Comments: ng = nanograms. NA = Not Applicable.
Data File: 022411-33.D

Signature: Jack D. Fox
Jack D. Fox PhD, Technical Director

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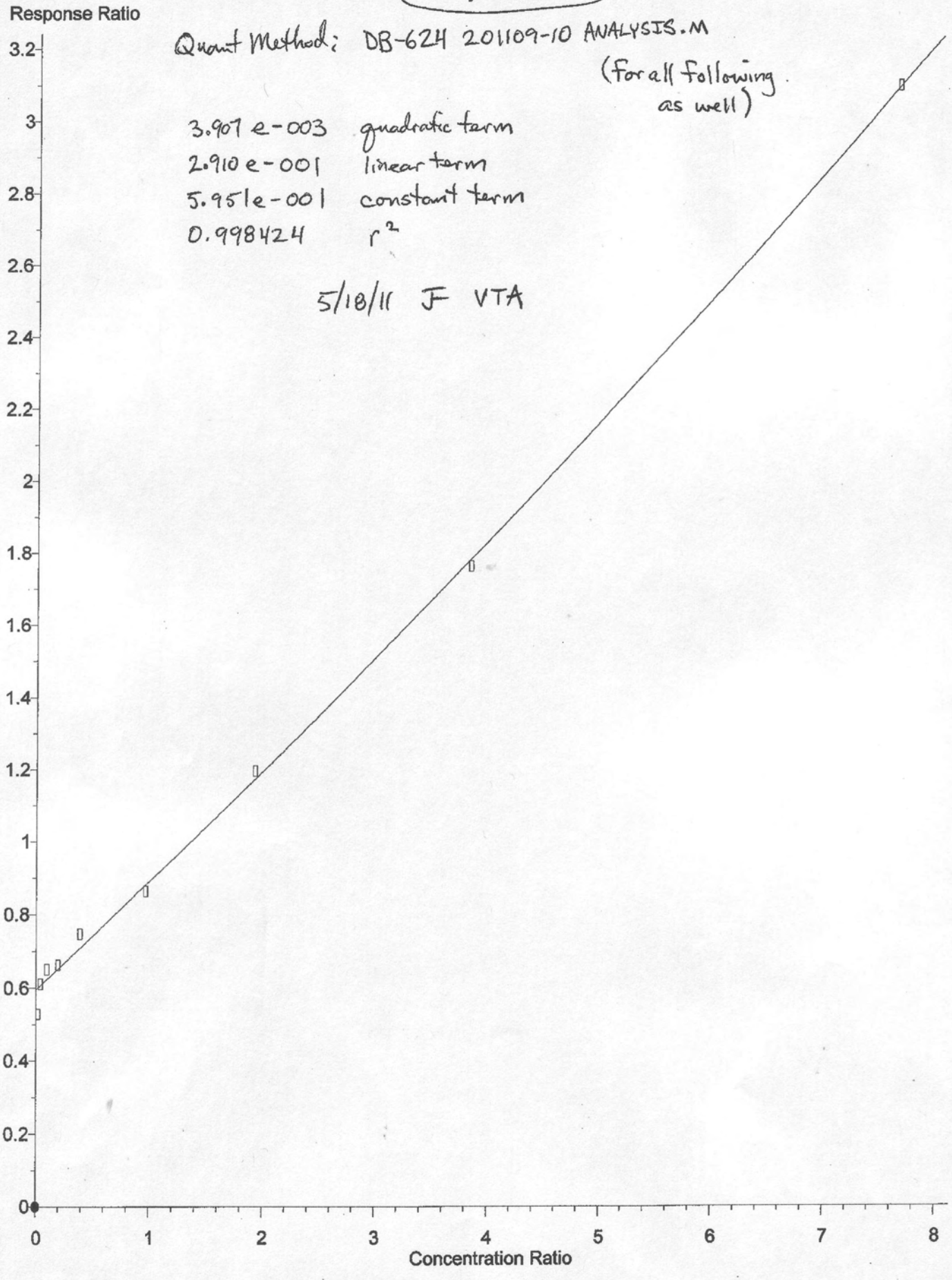
Methyl acetate



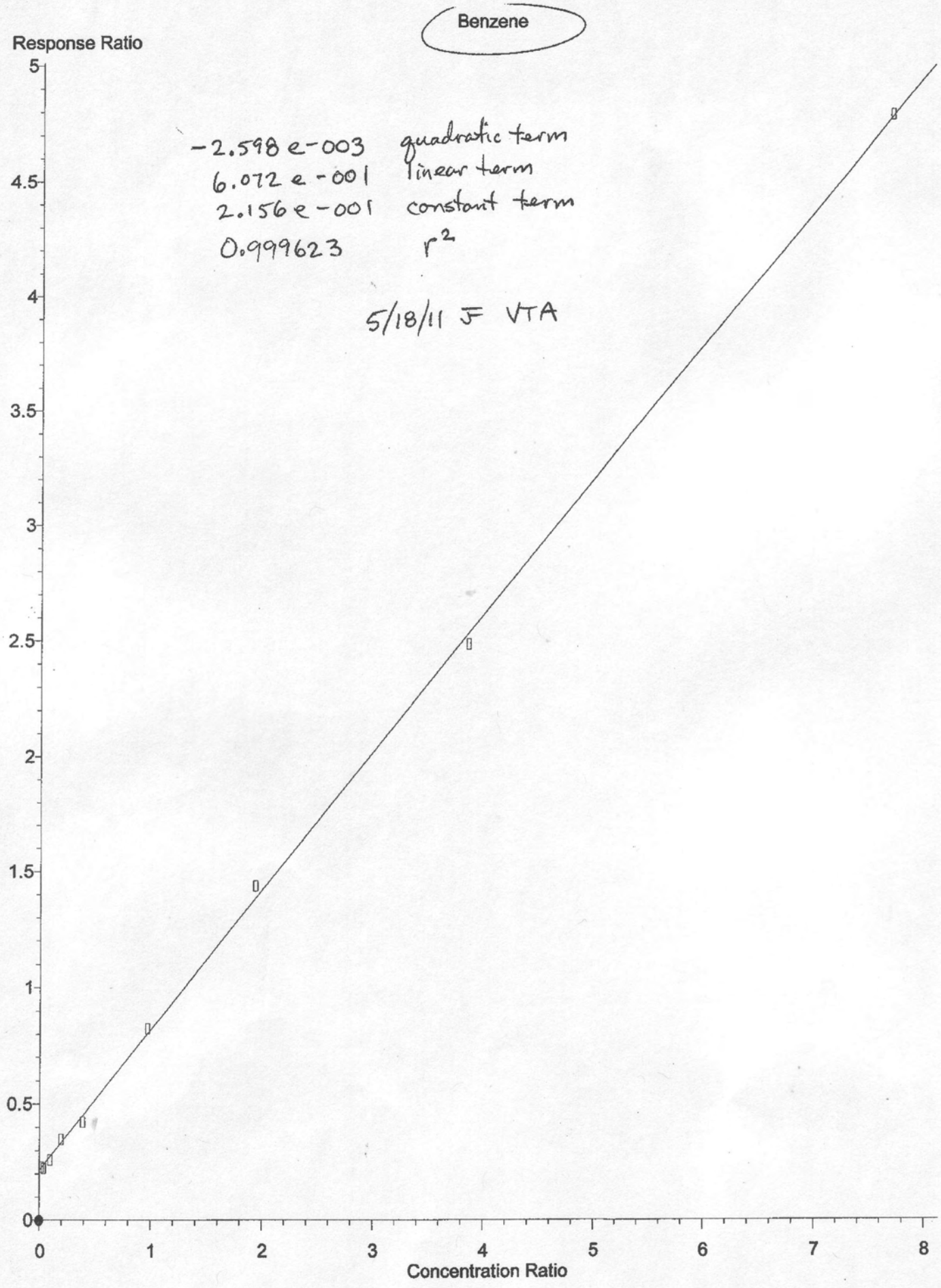
Quant Method: DB-624 201109-10 ANALYSIS.M

(for all following as well)

3.907 e-003 quadratic term
2.910 e-001 linear term
5.951e-001 constant term
0.998424 r^2

5/18/11 JF VTA

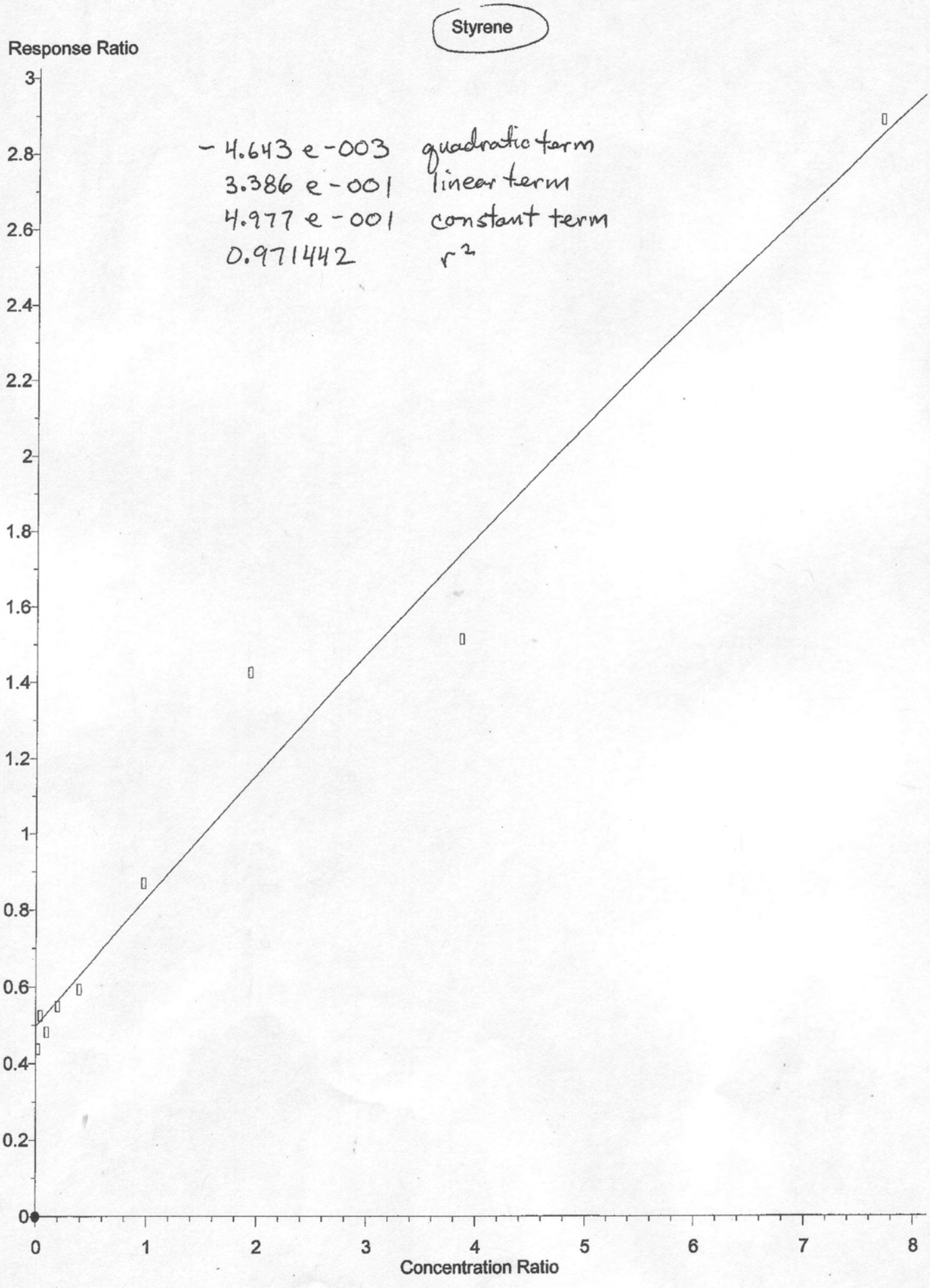
Benzene



-2.598 e-003 quadratic term
6.072 e-001 linear term
2.156 e-001 constant term
0.999623 r^2

5/18/11 F VTA

Styrene



$-4.643\ e-003$ quadratic term
$3.386\ e-001$ linear term
$4.977\ e-001$ constant term
0.971442 r^2