



# NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

1476 ROUTE 50 - P.O. Box 2167 BALLSTON SPA, NY 12020  
Phone: (518) 884-8545 - Fax: (518) 884-9710

April 2, 2008

Historic Kingston Waterfront #1, LLC  
C/o Clocktower Properties  
Attn.: Ms. Lauren Forman  
325 Gold Street - 4TH Floor  
Brooklyn, NY 11201

## **RE: SUB SLAB VAPOR INTRUSION ASSESSMENT PROGRAM - CORNELL STEAMSHIP BUILDING KINGSTON, NY - BCP SITE #C356037**

Dear Lauren:

The following information summarizes a March 4, 2008 soil vapor intrusion (SVI) sampling event at the above noted site. This work was outlined in our work plan dated December 3, 2007. The completed SVI work has been performed to comply with the requirements outlined in the NYS Department of Health (DOH) guidance document entitled Guidance for Evaluating Soil Vapor Intrusion in the State of New York; hereinafter termed the "Guidance Document". The following is a more detailed accounting of the completed work. The SVI work is the final component of the Remedial Investigation work required under BCA #A3-0570-1006.

### **METHODOLOGIES**

#### **Sub Slab Vapor Implant Installation**

On February 29, 2008 four (4) sub slab vapor implants were installed beneath the Cornell Steamship building (see **Figure 1**). A man operated rotary - impact drill was used to create four dual-diameter penetrations (2-inch and 1-inch) through the floor slab of the structure. The sub slab probes were installed in the unconsolidated soil immediately below the concrete slab (i.e.,  $\pm$  2.0 inches). The vapor probes installed during this vapor intrusion assessment consisted of  $\frac{1}{4}$  inch polyethylene tubing equipped with a brass hose barb. The annular space surrounding the vapor probes was filled with a #1 well-screen sand, immediately above the sand a cement bentonite grout was used to seal the interface between the indoor air and the slab.

#### **Sub Slab Vapor And Indoor Air Sampling Services**

The DOHs Indoor Air Quality Questionnaire and Building Inventory was completed by a representative of NETC as part of this SVI. The Questionnaire and Material Inventory for the Cornell Steamship building is included as **Attachment A**.

Prior to collecting the soil vapor samples, three volumes were purged from each sub slab implant. Following the purging procedures, a temporary poly synthetic enclosure was placed around each sub slab sampling point and a 100 ppm concentration of isobutylene tracer gas was introduced into the enclosure. A properly calibrated hand held PID was then connected to

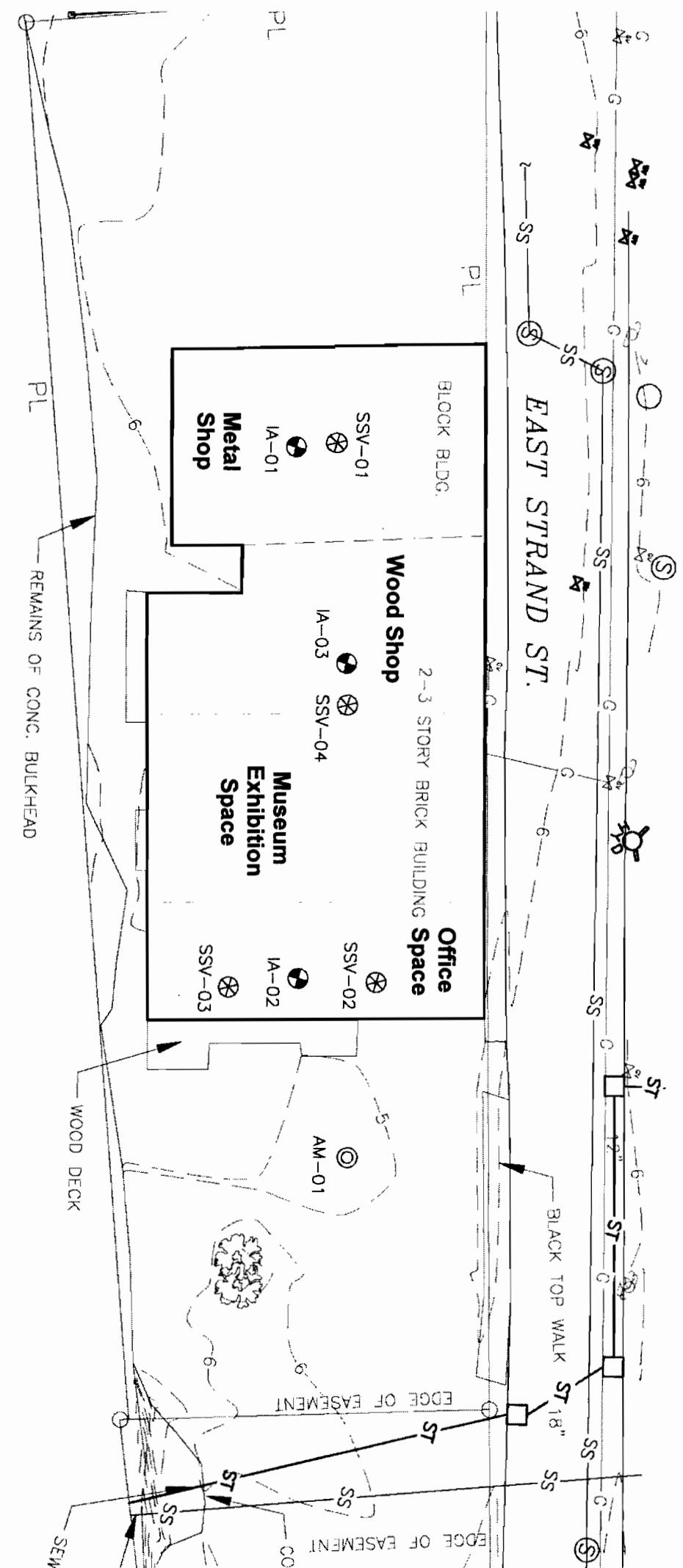


FIGURE 1: TO-15 Sample Location Map

Project # 08.0118043

Scale: Not to Scale

Date: 03/25/08

**MAP REFERENCE:**

Basemap entitled "Topographic Maps of Lands of Historic Kingston Waterfront, LLC and Historic Kingston Water Front #1, LLC" was prepared by Brimner and Larios, P.C. February 22, 2007. Survey provided to Fuss & O'Neil in February 2007 By Historic Kingston Waterfront #1, LLC. Proposed Sub-Slab Vapor sampling plan provided to NETC by Historic Kingston Waterfront #1, LLC in January 2008.

**NOTES:** This site plan is intended for illustration purpose associated with a Sub Slab Vapor Intrusion Assessment performed on behalf of Clocktower Properties exclusively.

1478 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: jeffnetc@nycap.rr.com



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the sub slab vapor sampling tubes and allowed to run for ten minutes. VOC concentrations recorded at each sub slab sampling location during both purging and the above noted interface evaluation processes documented background (0.0 ppm) VOC concentrations at each sub slab implant. The above quality control / quality assurance sampling measures are intended to ensure the reliability of the TO-15 sample data by confirming the integrity of the surface seal at each sub slab implant.

Each sub slab vapor TO-15 sample was ultimately collected using a negatively pressurized 6L Summa® Canister equipped with a time specific regulator. Each of the regulator systems were calibrated by EMSL Analytical, Inc. (EMSL) for the desired 24 hour sampling event. As required, simultaneous indoor air samples (i.e., IA-01, IA-02 & IA-03) were also collected from select areas of the Cornell Steamship building as well as an outdoor air sample (i.e., AM-01) collected from the northern landscaped green space of the facility. In accordance with the Guidance Document, each of the indoor and outdoor air samples were collected from a 3 foot minimum elevated platform via 6L Summa® Canisters equipped with a 24 hour sample regulator. All Summa® canisters were certified as clean by EMSL Analytical Laboratories, Inc. (EMSL).

A sampling log was maintained in accordance with the DOHs Guidance Document for the sampling event which lists pertinent facility information, sample IDs, date and time of the sample collection, sample height, the names of NETC staff, pertinent weather conditions, sampling methods and devices used, volume of air sampled, applicable pre and post sample vacuum and ambient air temperature data and chain of custody information. All samples were shipped to EMSL for chemical analysis. All samples were analyzed via EPA Method TO-15 with a minimum detection limit of 1.0 ( $\mu\text{g}/\text{m}^3$ ). All data sets are reported in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ).

## **FINDINGS**

The completed SVI sampling program detected low concentrations of the chlorinated VOCs 1,1-Trichloroethane (27  $\mu\text{g}/\text{m}^3$ ) and Tetrachloroethene (30  $\mu\text{g}/\text{m}^3$ ) beneath the slab of the Cornell Steamship building. Other non chlorinated solvent / petrochemical VOCs were identified in each of the sub slab vapor, indoor air and outdoor air samples. Noteworthy VOCs identified during the sampling event (i.e., above 100  $\mu\text{g}/\text{m}^3$ ) include Isopropyl alcohol(2-Propanol), 4-Methyl-2-pentanone (MIBK), Toluene and m&p-Xylene in samples SSV-03, IA-02 and IA-03. Acetone was also reported above 100  $\mu\text{g}/\text{m}^3$  in samples SSV-03 and IA-03. A summary table of the TO-15 laboratory results and sampling times, as well as the ESML laboratory reports, are included in **Attachment B** for consideration.

## **DISCUSSION**

The results of the soil vapor intrusion (SVI) testing measures demonstrate that the sub slab vapor and indoor air quality at the Cornell Steamship Building is generally unaffected by the historic release or use of chlorinated VOCs. Low concentrations of Tetrachloroethene (PERC) and i,i,i-Trichloroethane (111-TCA) were detected in (1) vapor sample collected in the Wood Shop space (i.e., SSV-04), only. Pursuant to the DOHs Guidance Document - Matrix 2, the

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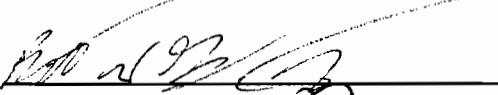
documented VOC concentrations in and below the Cornell Steamship Building are within the "no further action" range. As such, no monitoring or mitigation is considered necessary at this time. Other VOCs detected in and below the structure are at this time attributed to the historical use of chemical products on site and / or similar janitorial cleaning compounds currently used in the structure.

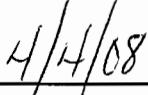
### **LIMITATIONS**

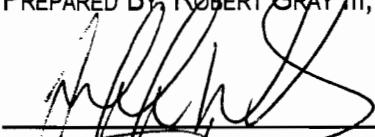
The findings and opinions offered are based on the completed SVI work completed to date; no warranties are offered or implied. NETC assumes no responsibility for subsurface conditions including but not limited to other soil and groundwater quality conditions and / or infrastructure that may exist at the site. NETC opinions regarding the significance of the site conditions are based on historical regulatory directives and similar opinions previously issued by the DEC / DOH for situations of a similar nature. As with any investigation of a limited scope should additional information become available modification to this report may be appropriate. The NETC organization and I remain available to assist Clocktower Properties with this and related matters, as necessary.

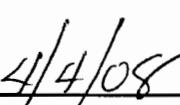
Sincerely,

**NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION**

  
PREPARED BY: ROBERT GRAY III, GEOLOGIST

  
4/4/08  
DATED

  
REVIEWED BY: JEFFREY T. WINK, PRESIDENT  
JTW/del

  
4/4/08  
DATED

C.c. Mr. Dean Sommer Young, Sommer  
Mr. Jim Mciver  
Mr. Peter Davidson  
Mr. Huntley Gill

## ATTACHMENT A

# INDOOR AIR QUALITY QUESTIONNAIRE



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@attglobal.net](mailto:jwink@attglobal.net)

**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 Robert W. Gray Date/Time Prepared 3-3-08 1:00pm

Preparer's Affiliation NETC Phone No. 518-884-8545

Purpose of Investigation Soil vapor intrusion

**1. OCCUPANT:** Cornell Steamship Building

Interviewed: Y/N Forman

Last Name: Ivory First Name: Tim

Address: 108 East Strand Street

County: Ulster

Home Phone: 347-628-1876 Office Phone: 845-331-4790

Number of Occupants/persons at this location 5 Age of Occupants 20-50 yrs

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

Interviewed: Y/A

Last Name: Tannucci First Name: Robert

Address: \_\_\_\_\_

County: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Office Phone: \_\_\_\_\_

**3. BUILDING CHARACTERISTICS**

Type of Building: (Circle appropriate response)

Residential  
Industrial

School  
Church

Commercial/Multi-use  
Other: \_\_\_\_\_

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: <u>N/A</u>

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Exhibition

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

**Other characteristics:**

Number of floors 2 Building age ~ 100 yrs

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

Partially Insulated

**4. AIRFLOW**

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

Airflow between floors

Through cracks in floor boards & stair way

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Airflow near source

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Outdoor air infiltration

Through broken windows, gaps in doorways and open doors.

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Infiltration into air ducts

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

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

Basement/Lowest level depth below grade: 0.0 (feet)

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

Multiple Cracks throughout floor of structure. The majority of which exist at Seams where concrete floors meet and around support beams.

## 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)

- |   |   |   |             |
|---|---|---|-------------|
| <input checked="" type="checkbox"/> Hot air circulation<br><input checked="" type="checkbox"/> Space Heaters<br><input type="checkbox"/> Electric baseboard | Heat pump<br>Stream radiation<br>Wood stove | Hot water baseboard<br>Radiant floor<br>Outdoor wood boiler | Other _____ |
|---|---|---|-------------|

The primary type of fuel used is:

- |   |                             |                   |
|---|-----------------------------|-------------------|
| <input checked="" type="checkbox"/> Natural Gas<br><input type="checkbox"/> Electric<br><input type="checkbox"/> Wood | Fuel Oil<br>Propane<br>Coal | Kerosene<br>Solar |
|---|-----------------------------|-------------------|

Domestic hot water tank fueled by: electric

Boiler/furnace located in: Basement Outdoors  Main Floor Other \_\_\_\_\_

Air conditioning: Central Air Window units Open Windows  None

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.

Cold air return ducts not observed, Heating ducts where visible appear tight.

## 7. OCCUPANCY

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

<u>Level</u>	<u>General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)</u>
--------------	--

Basement \_\_\_\_\_

1<sup>st</sup> Floor Exhibition space, office, Wood Shop, Metal Shop

2<sup>nd</sup> Floor Open Space

3<sup>rd</sup> Floor \_\_\_\_\_

4<sup>th</sup> 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 Boat motors, motorcycle and cars
- d. Has the building ever had a fire?  Y /  N When? ~ 20 yrs ago
- 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? Metal Shop & wood Shop western portion of building
- g. Is there smoking in the building?  Y /  N How frequently? \_\_\_\_\_
- h. Have cleaning products been used recently?  Y /  N When & Type? Typical Janitorial Supplies
- i. Have cosmetic products been used recently?  Y /  N When & Type? \_\_\_\_\_

- j. Has painting/staining been done in the last 6 months?  Y /  N Where & When? Wood Shop regular basis  
E OFice reported January 08
- 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?**

If yes, please describe: Paints & Thinners odors in Wood Shop

Y /  N

**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? Typical thinners, Automotive Solvents & mineral spirits

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: N/A

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

**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:**

SEE Report Figures

**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.

See Report Figures.

## 13. PRODUCT INVENTORY FORM

Make &amp; Model of field instrument used: Photo vac 2020

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
Tables In Woodshop					bkg = 0.0ppm	
	205 FAST Harder	1gal	U	None listed	bkg	
	MAS ePoly Resin	1gal	U	↓		
	ZIP STRP	1gal	U	Methylene Chloride		
	Klean STRP	1gal	U	↓		
	STR Carb. Cleaner	12.02	U	Acetone, Xylene, Isopropanol, 2-Butoxyethanol, Methanol	↓	
Cabinet						
In workshop						
	Benjamin Moore					
	SOFT GLOSS Paint	5gal	VO	Typical Paint Ingredients		
	Varnish	1gal	U			
	All Purpose Primer	2gal	U			
	Floor & PATRE Latex	3.5gal	U			
↓	Paint	10.5gal	VO	↓		
	H&C STAIN	1-gal	VO	Acrylic, Polymer & Ethylene Glycol		
	Dry loc masonry seal	1-gal	U	Cristalline Silica		

\* Describe the condition of the product containers as Unopened (VO), 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

Make & Model of field instrument used: Photo VAC 2020

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
Cabinet In Wood Shop						
Body Filler	1pt	U		Polyester Resin, styrene monomer Sodium methacrylate		
Gorilla Glue	36 fl oz	UO		Prepared DiPentaMethane 4-4 Dissociates		
Tite Bond wood glue	1 gal	U		None listed (FDA Approved)		
BIN	3 gal	U		Barium Sulfate, Ethanol, Isobutanol, Kaolin, mica, shellac, titanium dioxide		
Dustback-18	3 gal	U		Typical Polyurethane	↗	
Office Area of Building						
Bathroom Cabinet						
Ace Toilet Bowl cleaner	24 fl oz	U		HCl	↙ ↗	
Scrubbing Bubbles	25oz.	U		n-Alkyl dimethyl benzyl ammonium chlorides	↗	
Kitchen Cabinet beneath Sink						
Scrubbing bubbles	32 fl oz	U		Sodium Hypochlorite		
Glass Plus	32 fl oz	U		None listed		
Knox out cleaner	32 fl oz	U				
Pledge	20 fl oz	U			↘	
Rust Stains Away	3-24 oz	U		CHAVIC ACID		
409 - Cleaner	1 gal	U		Alkyl dimethyl benzyl ammonium chloride		
Greased Lighting	32 oz	UO		Glycol ether, surfactants.	↘	

\* 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

Make &amp; Model of field instrument used: Photo VAC 2020

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
Metal Shop (Cart)						
Xylo Xylene	1gal	U		Xylene	bkg	
Denatured Alcohol	4gal	U		Methanol; Methyl Ethyl Alcohol		
CRC Soft Seal	2gal	U		Petroleum distillates		
Paint thinner	3gal	U			↓	
24 - 1pt Paint cans	1pt cans	U		Typical Paint ingredients		
17 - 11 oz Spray paint	11 oz cans	U			↓	
Linseed oil	2gal	U		Linseed oil		
Benches & Floors						
3 - 5gal gas cans	15gal	U		Gasoline / fuel		
14 - 5gal Jugs	70gal	U		Unknown		
2 - 5gallon jugs labeled Thinner	U			Unknown		
• Sulfuric Acid	4gal	U		Sulfuric Acid		
Chamption Antifreeze	3gal	U		Ethylene Glycol		
Snappy Teak nu	1gal	U		Acids		
Phosphoric Prep & ETCH.	2gal			Phosphoric Acid		↓

\* 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 B

### TO-15 LABORATORY RESULTS



NORTHEASTERN  
ENVIRONMENTAL  
TECHNOLOGIES CORP.

1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020  
Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: [jwink@atglobal.net](mailto:jwink@atglobal.net)

## TO-15 SAMPLE RUN TIMES

Cornell Steamship Building

Kingston, New York

Sampled March 03, 2008

NETC Project # 08.0118043

Sample ID	Location	Sample Run Time
SSV-01		20 Hours 39 Minutes
SSV-02		20 Hours 47 Minutes
SSV-03		20 Hours 47 Minutes
SSV-04		20 Hours 47 Minutes
IA-01		20 Hours 39 Minutes
IA-02		20 Hours 46 Minutes
IA-03		20 Hours 46 Minutes
AM-01		20 Hours 29 Minutes

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY (EPA METHOD TO-15)**

**Cornell Steamship Building**

Kingston, New York

Sampled March 03, 2008

NETC Project # 08.0118043

<b>PARAMETER</b> Location:	<b>SAMPLE DESCRIPTION</b>							
	SSV-01	SSV-02	SSV-03	SSV-04	IA-01	IA-02	IA-03	AM-01
Propylene	ND	ND	ND	ND	ND	ND	ND	2.8
Ethanol	ND	6.3	12	2.9	5.5	15	15	ND
Freon 11(Trichlorofluoromethane)	ND	25	ND	ND	ND	ND	ND	ND
Isopropyl alcohol(2-Propanol)	ND	ND	1000D,E	ND	22	550D,E	1400D,E	ND
Acetone	29	67D	250D	32	68D	45	230D	ND
Tertiary butyl alcohol (TBA)	ND	2.1	ND	ND	ND	ND	ND	ND
Carbon disulfide	5.7	3	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	7.6	ND
n-Hexane	1.8	2	2.5	ND	4.2	3	3.2	ND
2-Butanone (MEK)	5.1	18	9.1	9.2	4.2	4.4	9.3	ND
Ethyl acetate	ND	4	ND	2.1	ND	ND	2.3	ND
Tetrahydrofuran	ND	4.3	1.9	2.2	ND	ND	5.1	ND
1,1,1-Trichloroethane	ND	ND	ND	27	ND	ND	ND	ND
Cyclohexane	3.8	ND	ND	ND	ND	ND	ND	ND
n-Heptane	ND	ND	ND	ND	ND	ND	4.5	ND
Benzene	6.6	3	ND	4.5	3.1	1.9	2.3	ND
4-Methyl-2-pentanone(MIBK)	ND	2.1	120D	ND	5	100D	210D	ND
Toluene	9.1	23	130D	14	25	120D	180D	1.9
Tetrachloroethene	ND	ND	ND	30	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	4.3	ND	ND	ND	ND	ND
Ethylbenzene	7	20	69	17	3.7	38	76D	ND
m-Xylene / p-Xylene	19	58	130D	51	13	140	260D	ND
o-Xylene	4.8	14	55	14	4.2	33	88	ND
Styrene	3.7	13	9.5	7.8	ND	ND	ND	ND
4-Ethyltoluene	ND	3.2	16	2.8	4.1	12	45	ND
1,3,5-Trimethylbenzene	ND	ND	4.3	ND	ND	2.7	10	ND
2-Chlorotoluene	ND	6.7	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	5.9	12	5	4.2	7.3	26	ND

Notes: All concentrations are in ug/m3 or ppb (parts per billion)

E = Estimated concentration. Exceeded Calibration Limit

D = Diluted. Report from Dilution Run.



EMSL Analytical, Inc., IH Laboratory, 3 Cooper Street, Westmont, NJ 08108 phone (800)220-3675

Rob Gray  
Northeastern Environmental Tech. Corp.  
1476 Route 50  
Ballston Spa, NY 12020

Email: robnetc@nycap.rr.com

**RE: EMSL 280800378**

**Project: CORNELL STEAMSHIP BUILDING #08.0118043**

**TO-15 ANALYSIS**

Dear Rob:

Attached please find the lab report and results for the above referenced analysis. If you have any questions or need further information, please do not hesitate to contact me at extension 1275. If you require data interpretation, please contact Vince Daliessio, CIH, at extension 1240.

Sincerely,

A handwritten signature in black ink, appearing to read "M. VanEtten".

Scott VanEtten  
Senior Chemist  
IH Laboratory Manager

*NJ-NELAP Laboratory No. 04653*

*AIHA 100194*

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-02
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-1
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	031308TK.M	<b>Lab File ID:</b>	k9509.d
<b>Calibration Date:</b>	3/13/08	<b>Analysis Date:</b>	03/15/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	08:31
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
8043		<b>Can ID:</b>	T1915

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
Propylene	115-07-1	42	1.0	U	1.7
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5
Freon 114(1,2-Dichlorotetrafluoroethane)	76-14-2	171	0.50	U	3.5
Chloromethane	74-87-3	50	0.50	U	1.0
Vinyl chloride	75-01-4	63	0.50	U	1.3
1,3-Butadiene	106-99-0	54	0.50	U	1.1
Bromomethane	74-83-9	95	0.50	U	1.9
Chloroethane	75-00-3	65	0.50	U	1.3
Ethanol	64-17-5	46	3.4		6.3
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137	4.5		25
Isopropyl alcohol(2-Propanol)	67-63-0	60	1.5	U	3.7
Freon 113(1,1,2-Trichlorotrifluoroethane)	76-13-1	187	0.50	U	3.8
Acetone	67-64-1	58	28	D	67
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0
Acetonitrile	75-05-8	41	0.50	U	0.84
Tertiary butyl alcohol (TBA)	75-65-0	74	0.69		2.1
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6
Carbon disulfide	75-15-0	76	0.95		3.0
Methylene chloride	75-09-2	85	1.5	U	5.2
Acrylonitrile	107-13-1	53	0.50	U	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0
n-Hexane	110-54-3	86	0.57		2.0
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0
Vinyl acetate	108-05-4	86	0.50	U	1.8
2-Butanone(MEK)	78-93-3	72	6.1		18
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0
Ethyl acetate	141-78-6	88	1.1		4.0
Chloroform	67-66-3	119	0.50	U	2.4
Tetrahydrofuran	109-99-9	72	1.5		4.3
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7
Cyclohexane	110-82-7	84	0.50	U	1.7
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3
Carbon tetrachloride	56-23-5	154	0.50	U	3.1
n-Heptane	142-82-5	100	0.50	U	2.0
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0
Benzene	71-43-2	78	0.94		3.0
Trichloroethene	79-01-6	131	0.50	U	2.7
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3
Bromodichloromethane	75-27-4	164	0.50	U	3.3
1,4-Dioxane	123-91-1	88	0.50	U	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50		2.1
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3
Toluene	108-88-3	92	6.0		23

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-02
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-1
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	031308TK.M	<b>Lab File ID:</b>	k9509.d
<b>Calibration Date:</b>	3/13/08	<b>Analysis Date:</b>	03/15/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	08:31
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T1915
8043			

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	4.5		20	
Xylene (para & meta)	1330-20-7	106	13		58	
Xylene (Ortho)	95-47-6	106	3.3		14	
Styrene	100-42-5	104	3.0		13	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	0.66		3.2	
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	
2-Chlorotoluene	95-49-8	127	1.3		6.7	
1,2,4-Trimethylbenzene	95-63-6	120	1.2		5.9	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	12.56	10.00	126	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-03
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-2
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9525.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/17/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	20:55
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T1765
<b>Analyst:</b>	8043		

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,2-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.50	U	1.0	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	6.3		12	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	420	D,E	1000	
Freon 113(1,1,2-Trichlorotrifluoroethan)	76-13-1	187	0.50	U	3.8	
Acetone	67-64-1	58	100	D	250	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	0.50	U	1.6	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.70		2.5	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	3.1		9.1	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.66		2.4	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.65		1.9	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	0.50	U	1.7	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	0.50	U	2.0	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	0.50	U	1.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2-pentanone(MIBK)	108-10-1	100	30	D	120	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	36	D	130	

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-03
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-2
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9525.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/17/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	20:55
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T1765
	8043		

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethylene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.57		4.3	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	16		69	
Xylene (para & meta)	1330-20-7	106	30	D	130	
Xylene (Ortho)	95-47-6	106	13		55	
Styrene	100-42-5	104	2.2		9.5	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	3.3		16	
1,3,5-Trimethylbenzene	108-67-8	120	0.88		4.3	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	2.5		12	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	11.62	10.00	116	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-04
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-3
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9526.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/17/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	21:48
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T1547
<b>Analyst:</b>	8043		

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
Propylene	115-07-1	42	1.0	U	1.7
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5
Freon 114(1,2-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5
Chloromethane	74-87-3	50	0.50	U	1.0
Vinyl chloride	75-01-4	63	0.50	U	1.3
1,3-Butadiene	106-99-0	54	0.50	U	1.1
Bromomethane	74-83-9	95	0.50	U	1.9
Chloroethane	75-00-3	65	0.50	U	1.3
Ethanol	64-17-5	46	1.5		2.9
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60	1.5	U	3.7
Freon 113(1,1,2-Trichlorotrifluoroethan)	76-13-1	187	0.50	U	3.8
Acetone	67-64-1	58	13		32
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0
Acetonitrile	75-05-8	41	0.50	U	0.84
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6
Carbon disulfide	75-15-0	76	0.50	U	1.6
Methylene chloride	75-09-2	85	1.5	U	5.2
Acrylonitrile	107-13-1	53	0.50	U	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0
n-Hexane	110-54-3	86	0.50	U	1.8
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0
Vinyl acetate	108-05-4	86	0.50	U	1.8
2-Butanone(MEK)	78-93-3	72	3.1		9.2
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0
Ethyl acetate	141-78-6	88	0.58		2.1
Chloroform	67-66-3	119	0.50	U	2.4
Tetrahydrofuran	109-99-9	72	0.74		2.2
1,1,1-Trichloroethane	71-55-6	133	5.0		27
Cyclohexane	110-82-7	84	0.50	U	1.7
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3
Carbon tetrachloride	56-23-5	154	0.50	U	3.1
n-Heptane	142-82-5	100	0.50	U	2.0
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0
Benzene	71-43-2	78	1.4		4.5
Trichloroethene	79-01-6	131	0.50	U	2.7
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3
Bromodichloromethane	75-27-4	164	0.50	U	3.3
1,4-Dioxane	123-91-1	88	0.50	U	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3
Toluene	108-88-3	92	3.8		14

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-04
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-3
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9526.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/17/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	21:48
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T1547

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0
Tetrachloroethene	127-18-4	166	4.4		30
Dibromochloromethane	124-48-1	208	0.50	U	4.3
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8
Chlorobenzene	108-90-7	113	0.50	U	2.3
Ethylbenzene	100-41-4	106	4.0		17
Xylene (para & meta)	1330-20-7	106	12		51
Xylene (Ortho)	95-47-6	106	3.2		14
Styrene	100-42-5	104	1.8		7.8
Bromoform	75-25-2	253	0.50	U	5.2
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4
4-Ethyltoluene	622-96-8	120	0.57		2.8
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5
2-Chlorotoluene	95-49-8	127	0.50	U	2.6
1,2,4-Trimethylbenzene	95-63-6	120	1.0		5.0
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0
Benzyl chloride	100-44-7	179	0.50	U	3.7
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	11.80	10.00	118	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-01
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-4
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	031308TK.M	<b>Lab File ID:</b>	k9527.d
<b>Calibration Date:</b>	3/13/08	<b>Analysis Date:</b>	03/17/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	22:41
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T2219
			8043

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
Propylene	115-07-1	42	1.0	U	1.7	
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	
Freon 114(1,1-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5	
Chloromethane	74-87-3	50	0.50	U	1.0	
Vinyl chloride	75-01-4	63	0.50	U	1.3	
1,3-Butadiene	106-99-0	54	0.50	U	1.1	
Bromomethane	74-83-9	95	0.50	U	1.9	
Chloroethane	75-00-3	65	0.50	U	1.3	
Ethanol	64-17-5	46	1.5	U	2.8	
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2	
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8	
Isopropyl alcohol(2-Propanol)	67-63-0	60	1.5	U	3.7	
Freon 113(1,1,2-Trichlorotrifluoroethan)	76-13-1	187	0.50	U	3.8	
Acetone	67-64-1	58	12		29	
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	
Acetonitrile	75-05-8	41	0.50	U	0.84	
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5	
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2	
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6	
Carbon disulfide	75-15-0	76	1.8		5.7	
Methylene chloride	75-09-2	85	1.5	U	5.2	
Acrylonitrile	107-13-1	53	0.50	U	1.1	
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	
n-Hexane	110-54-3	86	0.51		1.8	
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	
Vinyl acetate	108-05-4	86	0.50	U	1.8	
2-Butanone(MEK)	78-93-3	72	1.7		5.1	
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	
Ethyl acetate	141-78-6	88	0.50	U	1.8	
Chloroform	67-66-3	119	0.50	U	2.4	
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	
Cyclohexane	110-82-7	84	1.1		3.8	
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3	
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	
n-Heptane	142-82-5	100	0.50	U	2.0	
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	
Benzene	71-43-2	78	2.1		6.6	
Trichloroethene	79-01-6	131	0.50	U	2.7	
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	
Bromodichloromethane	75-27-4	164	0.50	U	3.3	
1,4-Dioxane	123-91-1	88	0.50	U	1.8	
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	
Toluene	108-88-3	92	2.4		9.1	

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	SSV-01
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-4
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	031308TK.M	<b>Lab File ID:</b>	k9527.d
<b>Calibration Date:</b>	3/13/08	<b>Analysis Date:</b>	03/17/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	22:41
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
	8043	<b>Can ID:</b>	T2219

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0
Tetrachloroethene	127-18-4	166	0.50	U	3.4
Dibromochloromethane	124-48-1	208	0.50	U	4.3
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8
Chlorobenzene	108-90-7	113	0.50	U	2.3
Ethylbenzene	100-41-4	106	1.6		7.0
Xylene (para & meta)	1330-20-7	106	4.5		19
Xylene (Ortho)	95-47-6	106	1.1		4.8
Styrene	100-42-5	104	0.86		3.7
Bromoform	75-25-2	253	0.50	U	5.2
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4
4-Ethyltoluene	622-96-8	120	0.50	U	2.5
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5
2-Chlorotoluene	95-49-8	127	0.50	U	2.6
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0
Benzyl chloride	100-44-7	179	0.50	U	3.7
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	11.06	10.00	111	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	IA-02
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-5
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9442.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/11/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	23:53
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
8043		<b>Can ID:</b>	T2154

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
Propylene	115-07-1	42	1.0	U	1.7
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5
Freon 114(1,2-Dichlorotetrafluoroethane)	76-14-2	171	0.50	U	3.5
Chloromethane	74-87-3	50	0.50	U	1.0
Vinyl chloride	75-01-4	63	0.50	U	1.3
1,3-Butadiene	106-99-0	54	0.50	U	1.1
Bromomethane	74-83-9	95	0.50	U	1.9
Chloroethane	75-00-3	65	0.50	U	1.3
Ethanol	64-17-5	46	8.1		15
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60	220	D,E	550
Freon 113(1,1,2-Trichlorotrifluoroethane)	76-13-1	187	0.50	U	3.8
Acetone	67-64-1	58	19		45
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0
Acetonitrile	75-05-8	41	0.50	U	0.84
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6
Carbon disulfide	75-15-0	76	0.50	U	1.6
Methylene chloride	75-09-2	85	1.5	U	5.2
Acrylonitrile	107-13-1	53	0.50	U	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0
n-Hexane	110-54-3	86	0.86		3.0
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0
Vinyl acetate	108-05-4	86	0.50	U	1.8
2-Butanone(MEK)	78-93-3	72	1.5		4.4
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0
Ethyl acetate	141-78-6	88	0.50	U	1.8
Chloroform	67-66-3	119	0.50	U	2.4
Tetrahydrofuran	109-99-9	72	0.50	U	1.5
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7
Cyclohexane	110-82-7	84	0.50	U	1.7
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3
Carbon tetrachloride	56-23-5	154	0.50	U	3.1
n-Heptane	142-82-5	100	0.50	U	2.0
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0
Benzene	71-43-2	78	0.58		1.9
Trichloroethene	79-01-6	131	0.50	U	2.7
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3
Bromodichloromethane	75-27-4	164	0.50	U	3.3
1,4-Dioxane	123-91-1	88	0.50	U	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100	26	D	100
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3
Toluene	108-88-3	92	31	D	120

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	IA-02
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-5
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9442.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/11/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	23:53
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T2154
<b>8043</b>			

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	8.9		38	
Xylene (para & meta)	1330-20-7	106	33		140	
Xylene (Ortho)	95-47-6	106	7.5		33	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	2.4		12	
1,3,5-Trimethylbenzene	108-67-8	120	0.55		2.7	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	1.5		7.3	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	9.27	10.00	93	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	IA-03
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-6
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9443.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/12/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	00:44
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T2143

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
Propylene	115-07-1	42	1.0	U	1.7
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5
Freon 114(1,2-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5
Chloromethane	74-87-3	50	0.50	U	1.0
Vinyl chloride	75-01-4	63	0.50	U	1.3
1,3-Butadiene	106-99-0	54	0.50	U	1.1
Bromomethane	74-83-9	95	0.50	U	1.9
Chloroethane	75-00-3	65	0.50	U	1.3
Ethanol	64-17-5	46	7.7		15
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60	560	D,E	1400
Freon 113(1,1,2-Trichlorotrifluoroethan)	76-13-1	187	0.50	U	3.8
Acetone	67-64-1	58	98	D	230
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0
Acetonitrile	75-05-8	41	0.50	U	0.84
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6
Carbon disulfide	75-15-0	76	0.50	U	1.6
Methylene chloride	75-09-2	85	2.2		7.6
Acrylonitrile	107-13-1	53	0.50	U	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0
n-Hexane	110-54-3	86	0.90		3.2
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0
Vinyl acetate	108-05-4	86	0.50	U	1.8
2-Butanone(MEK)	78-93-3	72	3.2		9.3
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0
Ethyl acetate	141-78-6	88	0.63		2.3
Chloroform	67-66-3	119	0.50	U	2.4
Tetrahydrofuran	109-99-9	72	1.7		5.1
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7
Cyclohexane	110-82-7	84	0.50	U	1.7
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3
Carbon tetrachloride	56-23-5	154	0.50	U	3.1
n-Heptane	142-82-5	100	1.1		4.5
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0
Benzene	71-43-2	78	0.73		2.3
Trichloroethene	79-01-6	131	0.50	U	2.7
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3
Bromodichloromethane	75-27-4	164	0.50	U	3.3
1,4-Dioxane	123-91-1	88	0.50	U	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100	51	D	210
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3
Toluene	108-88-3	92	47	D	180

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	IA-03
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-6
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	K9443.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/12/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	00:44
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
	8043	<b>Can ID:</b>	T2143

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	
Tetrachloroethene	127-18-4	166	0.50	U	3.4	
Dibromochloromethane	124-48-1	208	0.50	U	4.3	
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	
Chlorobenzene	108-90-7	113	0.50	U	2.3	
Ethylbenzene	100-41-4	106	18	D	76	
Xylene (para & meta)	1330-20-7	106	61	D	260	
Xylene (Ortho)	95-47-6	106	20		88	
Styrene	100-42-5	104	0.50	U	2.1	
Bromoform	75-25-2	253	0.50	U	5.2	
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	
4-Ethyltoluene	622-96-8	120	9.2		45	
1,3,5-Trimethylbenzene	108-67-8	120	2.1		10	
2-Chlorotoluene	95-49-8	127	0.50	U	2.6	
1,2,4-Trimethylbenzene	95-63-6	120	5.2		26	
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	
Benzyl chloride	100-44-7	179	0.50	U	3.7	
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	9.57	10.00	96	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN. VALUE IS ACCURATE.

B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	IA-01
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-7
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9444.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/12/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	01:35
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
8043		<b>Can ID:</b>	T2185

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
Propylene	115-07-1	42	1.0	U	1.7
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5
Freon 114(1,2-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5
Chloromethane	74-87-3	50	0.50	U	1.0
Vinyl chloride	75-01-4	63	0.50	U	1.3
1,3-Butadiene	106-99-0	54	0.50	U	1.1
Bromomethane	74-83-9	95	0.50	U	1.9
Chloroethane	75-00-3	65	0.50	U	1.3
Ethanol	64-17-5	46	2.9		5.5
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60	9.1		22
Freon 113(1,1,2-Trichlorotrifluoroethan)	76-13-1	187	0.50	U	3.8
Acetone	67-64-1	58	29	D	68
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0
Acetonitrile	75-05-8	41	0.50	U	0.84
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6
Carbon disulfide	75-15-0	76	0.50	U	1.6
Methylene chloride	75-09-2	85	1.5	U	5.2
Acrylonitrile	107-13-1	53	0.50	U	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0
n-Hexane	110-54-3	86	1.2		4.2
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0
Vinyl acetate	108-05-4	86	0.50	U	1.8
2-Butanone(MEK)	78-93-3	72	1.4		4.2
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0
Ethyl acetate	141-78-6	88	0.50	U	1.8
Chloroform	67-66-3	119	0.50	U	2.4
Tetrahydrofuran	109-99-9	72	0.50	U	1.5
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7
Cyclohexane	110-82-7	84	0.50	U	1.7
2,2,4-Trimethylpentane (Isooctane)	540-84-1	114	0.50	U	2.3
Carbon tetrachloride	56-23-5	154	0.50	U	3.1
n-Heptane	142-82-5	100	0.50	U	2.0
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0
Benzene	71-43-2	78	0.98		3.1
Trichloroethene	79-01-6	131	0.50	U	2.7
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3
Bromodichloromethane	75-27-4	164	0.50	U	3.3
1,4-Dioxane	123-91-1	88	0.50	U	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100	1.2		5.0
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3
Toluene	108-88-3	92	6.6		25

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY**  
**EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	IA-01
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-7
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9444.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/12/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	01:35
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T2185
8043			

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0
Tetrachloroethene	127-18-4	166	0.50	U	3.4
Dibromochloromethane	124-48-1	208	0.50	U	4.3
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8
Chlorobenzene	108-90-7	113	0.50	U	2.3
Ethylbenzene	100-41-4	106	0.84		3.7
Xylene (para & meta)	1330-20-7	106	2.9		13
Xylene (Ortho)	95-47-6	106	0.97		4.2
Styrene	100-42-5	104	0.50	U	2.1
Bromoform	75-25-2	253	0.50	U	5.2
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4
4-Ethyltoluene	622-96-8	120	0.84		4.1
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5
2-Chlorotoluene	95-49-8	127	0.50	U	2.6
1,2,4-Trimethylbenzene	95-63-6	120	0.85		4.2
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0
Benzyl chloride	100-44-7	179	0.50	U	3.7
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	8.75	10.00	88	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

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B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL.

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	AM-01
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-8
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9445.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/12/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	02:26
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
	8043	<b>Can ID:</b>	T2216

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
Propylene	115-07-1	42	1.6		2.8
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5
Freon 114(1,2-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5
Chloromethane	74-87-3	50	0.50	U	1.0
Vinyl chloride	75-01-4	63	0.50	U	1.3
1,3-Butadiene	106-99-0	54	0.50	U	1.1
Bromomethane	74-83-9	95	0.50	U	1.9
Chloroethane	75-00-3	65	0.50	U	1.3
Ethanol	64-17-5	46	1.5	U	2.8
Bromoethene (Vinyl bromide)	593-60-2	107	0.50	U	2.2
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	U	2.8
Isopropyl alcohol(2-Propanol)	67-63-0	60	1.5	U	3.7
Freon 113(1,1,2-Trichlorotrifluoroethan)	76-13-1	187	0.50	U	3.8
Acetone	67-64-1	58	3.0	U	7.1
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0
Acetonitrile	75-05-8	41	0.50	U	0.84
Tertiary butyl alcohol (TBA)	75-65-0	74	0.50	U	1.5
Bromoethane (Ethyl bromide)	74-96-4	108	0.50	U	2.2
3-Chloropropene (Allyl chloride)	107-05-1	77	0.50	U	1.6
Carbon disulfide	75-15-0	76	0.50	U	1.6
Methylene chloride	75-09-2	85	1.5	U	5.2
Acrylonitrile	107-13-1	53	0.50	U	1.1
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0
n-Hexane	110-54-3	86	0.50	U	1.8
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0
Vinyl acetate	108-05-4	86	0.50	U	1.8
2-Butanone(MEK)	78-93-3	72	0.50	U	1.5
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0
Ethyl acetate	141-78-6	88	0.50	U	1.8
Chloroform	67-66-3	119	0.50	U	2.4
Tetrahydrofuran	109-99-9	72	0.50	U	1.5
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7
Cyclohexane	110-82-7	84	0.50	U	1.7
2,2,4-Trimethylpentane (isooctane)	540-84-1	114	0.50	U	2.3
Carbon tetrachloride	56-23-5	154	0.50	U	3.1
n-Heptane	142-82-5	100	0.50	U	2.0
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0
Benzene	71-43-2	78	0.50	U	1.6
Trichloroethene	79-01-6	131	0.50	U	2.7
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3
Bromodichloromethane	75-27-4	164	0.50	U	3.3
1,4-Dioxane	123-91-1	88	0.50	U	1.8
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3
Toluene	108-88-3	92	0.52		1.9

**VOLATILE ORGANICS DATA ANALYSIS SUMMARY  
EPA COMPENDIUM TO-15**

<b>Lab Name:</b>	EMSL ANALYTICAL	<b>Air Results for Project:</b>	Cornell Steamship Bldg #08.0118043
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	AM-01
<b>Instrument ID:</b>	5973-VOA#2	<b>Laboratory ID Number:</b>	280800378-8
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	3/3/08
<b>Acquisition Method:</b>	030308TK.M	<b>Lab File ID:</b>	k9445.d
<b>Calibration Date:</b>	3/3/08	<b>Analysis Date:</b>	03/12/08
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	02:26
<b>Latest MDL Date:</b>	6/29 & 7/6/07	<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>	MTH	<b>Dilution Factor:</b>	1
		<b>Can ID:</b>	T2216
8043			

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0
Tetrachloroethene	127-18-4	166	0.50	U	3.4
Dibromochloromethane	124-48-1	208	0.50	U	4.3
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8
Chlorobenzene	108-90-7	113	0.50	U	2.3
Ethylbenzene	100-41-4	106	0.50	U	2.2
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2
Xylene (Ortho)	95-47-6	106	0.50	U	2.2
Styrene	100-42-5	104	0.50	U	2.1
Bromoform	75-25-2	253	0.50	U	5.2
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4
4-Ethyltoluene	622-96-8	120	0.50	U	2.5
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5
2-Chlorotoluene	95-49-8	127	0.50	U	2.6
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0
Benzyl chloride	100-44-7	179	0.50	U	3.7
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3

<b>Surrogate</b>	<b>Result(ppbv)</b>	<b>True(ppbv)</b>	<b>%Recovery</b>	<b>Limits %</b>
4-Bromofluorobenzene	8.42	10.00	84	70 - 130

(NO 'U' IN FIELD) = COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3.

U= UNDETECTED

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B= DETECTED IN BLANK

E = ESTIMATED CONCENTRATION. EXCEEDED CALIBRATION LIMIT.

J= DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL

**EMSL** ANALYTICAL, INC.

107 Haddon Avenue  
Westmont, New Jersey 08108  
8:6-8558-4800 Extension 1301  
8:6-8558-3502 Fax or  
m.towley@emsl.com or svanetten@emsl.com

**External**

**Chain of Custody / Analysis Request Form**

Note: Please complete all required information. Incomplete shaded areas may hinder processing samples.  
**Project Name:**

**Custody and Sample Information - Print ALL information.** Write N/A in blanks not applicable.

**1. Report to:**  **2. Bill To:**   
NETC  
1476 RT 30

Division SPA NY 12020 Ballston SPA, NY 12020

3. Sampled by (Signature)

*[Signature]*

4. # of Samples in Shipment

3

4 - of

Lab Sample ID	Canister ID	Client Sample ID	Sampling Date / Time Start	Sampling Date / Time Stop	Regulator ID	Analyses Requested	Field Test Values (ppm)	Canister / Vacuum	Initial "Hg	Final "Hg	Receipt "Hg
11915	SSV-02	SSV-02	3-3-08 12:28	3-4-08 9:15	TO-15	0.0	-33	-6	-2.1		
11765	SSV-03	SSV-03	3-3-08 12:29	3-4-08 9:16	TO-15	0.0	-33	-3.5	0.5		
71547	SSV-04	SSV-04	3-3-08 12:30	3-4-08 9:17	TO-15	0.0	-34	-6	-1.6		
72219	SSV-C1	SSV-C1	3-3-08 12:39	3-4-08 9:18	TO-15	0.0	-30	-2	-0.1		
72154	IA-02	IA-02	3-3-08 12:29	3-4-08 9:15	TO-15	0.0	-34	-9	-5.1		
72143	IA-03	IA-03	3-3-08 12:31	3-4-08 9:17	TO-15	0.0	-26	-3	0.4		

**Sample Type:**  Indoor Air Quality  Vent Gas  Other

**Library Search needed:**  Yes  No, required if you will need help interpreting your report.

**Relinquished by (print&sign):**

Received by (print&sign): *[Signature]* Company: *NETC* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Received by (print&sign): *[Signature]* Company: *EMSL* Date/Time: *3/4/08 14:35*

Please indicate reporting requirements:

Results only

Other (Attach a copy of requirements)

**Weather conditions (if known): Bar. Pressure: \_\_\_\_\_ Temp.: \_\_\_\_\_ % Humidity: \_\_\_\_\_**

**Contact Person**

Name: Rob Geary  
E-mail: rob.geary@emsl.com  
Tel.#: 518-884-2555  
FAX #: 518-884-2210

**5. Date of Sample Shipment**

3-4-08

**6. Date/Time Results Needed**

STANDBY T260

**Sample Shipping and Transport Notice**  
The individual signing this document to relinquish the sample(s) is indicating that the sample(s) are being shipped in compliance with all applicable local, state or Federal as well as international laws, regulations and ordinances. EMSL Analytical, Inc. assumes no liability with respect to sampling, handling or shipping of the samples included in this shipment. The relinquishing signature in addition indicates agreement to hold harmless, defend and indemnify EMSL Analytical Inc. against any claim, demand, or action, related to the sampling, handling, or shipping of samples. Call the DOT Hotline at (100) 467-4922 for questions about regulations.

**7. Do you want your results e-mailed?**

Yes  No

Affixed Custody Seal No.

**8. Was Custody Seal Broken? [ ] Yes [ ] No**

Affixed Custody Seal No.

**9. Was Custody Seal Broken? [ ] Yes [ ] No**

Affixed Custody Seal No.

**10. Was Custody Seal Broken? [ ] Yes [ ] No**

Affixed Custody Seal No.

**11. Was Custody Seal Broken? [ ] Yes [ ] No**

Affixed Custody Seal No.

**12. Was Custody Seal Broken? [ ] Yes [ ] No**

Affixed Custody Seal No.

**13. Was Custody Seal Broken? [ ] Yes [ ] No**

Affixed Custody Seal No.

Project: Cornell Stearns Building  
# 08.0118043

**EMSL** ANALYTICAL, INC.

107 Haddon Avenue  
Westmont, New Jersey 08108  
856-858-4800 Extension 1301  
856-858-3502 Fax or  
mlioway@emsl.com or svanett@emsl.com

**External**

**Chain of Custody / Analysis Request Form**

Note: Please complete all required information. Incomplete shaded areas may hinder processing samples.

Project Name:

*Weather conditions (if known): Bar. Pressure: \_\_\_\_\_ Temp.: \_\_\_\_\_ % Humidity: \_\_\_\_\_*

Custody and Sample Information - Print ALL information. Write N/A in blanks not applicable.

<b>1. Report to:</b> <i>R/ETC 1476 R+50 Ballston SPA, NY 12020</i>		<b>2. Bill To:</b> <i>N/ETC 1476 R+50 Ballston SPA, NY 12020</i>		<b>3. Sampled by (Signature)</b> <i>[Signature]</i>		<b>4. # of Samples in Shipment</b> <i>8</i>		<b>5. Date of Sample Shipment</b> <i>3-4-08</i>		<b>6. Date/Time Results Needed</b> <i>Standard Turn</i>	
Lab Sample ID	Canister ID	Client Sample ID	Date / Time Start	Sampling Date / Time Stop	Regulator ID	Analyses Requested	Field Test Values (ppm)	Canister / Vacuum	Initial "Hg	Final "Hg	Receipt "Hg
1	72185	IA-01	3-3-08 12:39	3-4-08 9:18	TO-15	<input checked="" type="checkbox"/> Vent Gas	0.0	<input checked="" type="checkbox"/> Canister	-35	-8	-2.8
2	72216	AM-01	3-3-08 12:44	3-4-08 9:13	728537F	<input checked="" type="checkbox"/> Soil Gas	0.0	<input checked="" type="checkbox"/> Vacuum	-37	-8.5	-0.6
3						<input checked="" type="checkbox"/> Other					
4						<input checked="" type="checkbox"/> Ambient air					
5						<input checked="" type="checkbox"/> Date/Time					
6						<input checked="" type="checkbox"/> Reinterpret					
<b>Sample Type:</b> <input checked="" type="checkbox"/> Indoor Air Quality <input type="checkbox"/> Soil Gas <input type="checkbox"/> Vent Gas <input checked="" type="checkbox"/> Other <input type="checkbox"/> Ambient air <input type="checkbox"/> Date/Time <input type="checkbox"/> Reinterpret											
<b>Library Search needed:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, required if you will need help interpreting your report.											
<b>Reinquired by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Received by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Reinquired by (print/initial):</b> <input type="checkbox"/> Robert Grey <input checked="" type="checkbox"/> Peter S. Gray											
<b>Received by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Reinquired by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Received by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Reinquired by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Received by (print/initial):</b> <input type="checkbox"/> EMSL											
<b>Please indicate Turn Around Time needed:</b> <input checked="" type="checkbox"/> Standard 5-10 Days* <input type="checkbox"/> *TAT subject to laboratory workload. A limited amount of 5 day TAT can be accepted by laboratory											
<b>Comments:</b> <i>Project: Cornell Shearwater Building ID: 08.018043</i>											
Please indicate reporting requirements: 1) Results only <input type="checkbox"/> <input type="checkbox"/> 2) Other (Attach a copy of requirements) <input type="checkbox"/>											