

FD 241928940

BRRTS # 02-41-580617

State of Wisconsin  
 Department of Natural Resources  
 PO Box 7921, Madison WI 53707-7921  
 dnr.wi.gov

## Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (R 06/17)

Page 1 of 3

**Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003**

**Notice: Hazardous substance discharges must be reported immediately** according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (check one):

- Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility
- Other - Describe: \_\_\_\_\_

Rec. Aug 15<sup>th</sup>, 2017

ATTN DNR: R &amp; R Program Associate

Date DNR Notified: 07/21/2017

**1. Discharge Reported By**

Name Jane Allan	Firm Apex Companies, LLC	Phone Number (include area code) (513) 771-3617
Mailing Address 155 TriCounty Parkway, Suite 250, Cincinnati, OH 45220	Email jallan@apexcos.com	X 3801

**2. Site Information**

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

Bright Cleaners

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

7249 South 76th Street

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

Franklin, 53132

County Milwaukee	Legal Description: UN ¼ of UN ¼ Section 10, Town 05 N, Range 21	WTM: X
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**3. Responsible Party (RP) and/or RP Representative**

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Franklin Station LLC

A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review DNR publication RR-055; and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using DNR Form 4400-237.

Contact Person Name (if different) Tom Meyers	Phone Number (513) 619-5034	Email tmeyers@PHILLIPSEDISON.com
Mailing Address 11501 Northlake Drive	City Cincinnati	State OH
		ZIP Code 45249

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email
Mailing Address	City	State
		ZIP Code

(continued)

# Notification For Hazardous Substance Discharge (Non-Emergency Only)

Jane Allan Apex Companies, LLC

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## 4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> VOCs<br><input checked="" type="checkbox"/> PCE<br><input type="checkbox"/> TCE<br><input type="checkbox"/> Other Chlorinated<br><input type="checkbox"/> Diesel<br><input type="checkbox"/> Fuel Oil<br><input type="checkbox"/> Gasoline<br><input type="checkbox"/> Hydraulic Oil<br><input type="checkbox"/> Jet Fuel | <i>(VOCs continued)</i><br><input type="checkbox"/> Mineral Oil<br><input type="checkbox"/> Waste Oil<br><input type="checkbox"/> Petroleum-Unknown Type<br><input type="checkbox"/> PAHs<br><input type="checkbox"/> PCBs<br><input type="checkbox"/> Cyanide<br><input type="checkbox"/> Leachate<br><input type="checkbox"/> Manure | <input type="checkbox"/> Metals<br><input type="checkbox"/> Arsenic<br><input type="checkbox"/> Chromium<br><input type="checkbox"/> Lead<br><input type="checkbox"/> Other: _____<br><input type="checkbox"/> Pesticides: _____<br><input type="checkbox"/> Fertilizer: _____<br><input type="checkbox"/> RCRA Hazardous Waste: _____<br><input type="checkbox"/> Other: _____<br><input type="checkbox"/> Unknown |
|---|--|---|

## 5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Air Contamination                       | <input type="checkbox"/> Fire Explosion Threat        | <input type="checkbox"/> Soil Contamination                      |
| <input type="checkbox"/> Co-mingled (Petroleum & Non-Petroleum)  | <input type="checkbox"/> Free Product                 | <input type="checkbox"/> Soil Gas Contamination                  |
| <input type="checkbox"/> Contamination in Fractured Bedrock      | <input type="checkbox"/> Groundwater Contamination    | <input checked="" type="checkbox"/> Sub-slab Vapor Contamination |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Off-Site Contamination       | <input type="checkbox"/> Surface Water Contamination             |
| <input type="checkbox"/> Contaminated Private Well               | <input type="checkbox"/> Sanitary Sewer Contamination | <input type="checkbox"/> Within 100 ft of Private Well           |
| <input type="checkbox"/> Contaminated Public Well                | <input type="checkbox"/> Storm Sewer Contamination    | <input type="checkbox"/> Within 1000 ft of Public Well           |
| <input type="checkbox"/> Contamination in Right of Way           | <input type="checkbox"/> Sediment Contamination       |  |
|  | Other (specify): _____                                |  |

Contamination was discovered as a result of:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Tank closure assessment | <input checked="" type="checkbox"/> Site assessment | <input type="checkbox"/> Other - Describe: _____ |
| Date <input type="text"/>                        | Date <input type="text" value="09/23/2016"/>        | Date <input type="text"/>                        |

Lab results:  Lab results will be faxed upon receipt  Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

The regulated substances were detected during a due diligence assessment of a shopping center. Immediate actions have not been taken, however additional assessment is planned. A sub-slab depressurization system will be installed to mitigate potential vapor intrusion.

## 6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

Source	Cause
For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information:  <input type="checkbox"/> Tank <input type="checkbox"/> Piping <input type="checkbox"/> Dispenser <input type="checkbox"/> Submersible Turbine Pump <input type="checkbox"/> Delivery Problem  <input checked="" type="checkbox"/> Does not apply. <input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> Spill <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Physical or Mechanical Damage <input type="checkbox"/> Installation Problem <input type="checkbox"/> Other (does not fit any of above) <input checked="" type="checkbox"/> Unknown

Contact information to report non-emergency releases in DNR's five regions are as follows:

- Northeast Region (FAX: 920-662-5413); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov**  
 Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties
- Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov**  
 Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties
- South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov**  
 Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties
- Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov**  
 Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

## Notification For Hazardous Substance Discharge (Non-Emergency Only)

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**West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov**

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

September 09, 2016

Apex Companies, LLC  
1701 East Woodfield Rd, Suite 333  
Schaumburg, IL 60173  
Telephone: (847) 956-8589  
Fax: (847) 956-8619

Analytical Report for STAT Work Order: 16081298 Revision 0

RE: PECO-216-78, Bright Cleaners-Franklin Centre, 7249 S. 76th St., Franklin

Dear Joseph Becker:

STAT Analysis received 8 samples for the referenced project on 8/31/2016 4:45:00 PM. The analytical results are presented in the following report.


All analyses were performed in accordance with the requirements specified in WAC DNR Chapter NR 149 (Certification Number 399099910). Analyses were performed in accordance with methods as referenced on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. A listing of accredited methods/parameters can also be provided.

For sample results requiring adjustment for dilutions, the detection and reporting limits are adjusted for the corresponding dilution factor. Analytical results expressed on a dry weight basis have units of mg/Kg-dry or µg/Kg-dry on the analytical report. Corresponding reporting limits are adjusted for dry weight.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.*

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**Client:** Apex Companies, LLC**Project:** PECO-216-78, Bright Cleaners-Franklin Centre, 7249**Work Order:** 16081298 Revision 0**Work Order Sample Summary**

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
16081298-001A	TW-1 @ 14'		8/31/2016 10:00:00 AM	8/31/2016
16081298-001B	TW-1 @ 14'		8/31/2016 10:00:00 AM	8/31/2016
16081298-002A	TW-2 @ 11'		8/31/2016 10:30:00 AM	8/31/2016
16081298-002B	TW-2 @ 11'		8/31/2016 10:30:00 AM	8/31/2016
16081298-003A	TW-3 @ 12'		8/31/2016 11:00:00 AM	8/31/2016
16081298-003B	TW-3 @ 12'		8/31/2016 11:00:00 AM	8/31/2016
16081298-004A	TW-1		8/31/2016 11:15:00 AM	8/31/2016
16081298-005A	TW-3		8/31/2016 12:40:00 PM	8/31/2016
16081298-006A	SV-1		8/31/2016 12:28:00 PM	8/31/2016
16081298-007A	SV-2		8/31/2016 12:32:00 PM	8/31/2016
16081298-008A	SV-3		8/31/2016 12:34:00 PM	8/31/2016

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**CLIENT:** Apex Companies, LLC**Project:** PECO-216-78, Bright Cleaners-Franklin Centre, 7249 S. 76t**Work Order:** 16081298 Revision 0**CASE NARRATIVE**

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TO-15 results that are reported in mg/m<sup>3</sup> are calculated based on a temperature of 25°C, atmospheric pressure of 760 mm Hg, and the molecular weight of the analyte.

The TO-15 LCS analyzed 09/06/2016 had the following outside of control limits:

1,2,4-Trimethylbenzene: 133.6% (LCS) recovery (QC Limits 70-130%)

1,3-Dichlorobenzene: 131.2% (LCS) recovery (QC Limits 70-130%)

Ethylbenzene: 134.8% (LCS) recovery (QC Limits 70-130%)

Naphthalene: 138.8% (LCS) recovery (QC Limits 70-130%)

Total Xylenes: 132.5% (LCS) recovery (QC Limits 70-130%)

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

**ANALYTICAL RESULTS**

Date Printed: September 09, 2016

CLIENT: Apex Companies, LLC

Client Sample ID: TW-1 @ 14'

Work Order: 16081298 Revision 0

Collection Date: 8/31/2016 10:00:00 AM

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Matrix: SOIL

Lab ID: 16081298-001

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 8/31/2016		Analyst: PS	
Acetone	0.029	0.073	0.0022	JB	mg/Kg-dry	1	9/2/2016
Benzene	0.0018	0.0049	0.00019	J	mg/Kg-dry	1	9/2/2016
Bromodichloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/2/2016
Bromoform	ND	0.0049	0.00039		mg/Kg-dry	1	9/2/2016
Bromomethane	ND	0.0097	0.00049		mg/Kg-dry	1	9/2/2016
2-Butanone	ND	0.073	0.0015		mg/Kg-dry	1	9/2/2016
Carbon disulfide	0.00019	0.049	0.00019	J	mg/Kg-dry	1	9/2/2016
Carbon tetrachloride	ND	0.0049	0.00029		mg/Kg-dry	1	9/2/2016
Chlorobenzene	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
Chloroethane	ND	0.0097	0.00039		mg/Kg-dry	1	9/2/2016
Chloroform	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
Chloromethane	ND	0.0097	0.00029		mg/Kg-dry	1	9/2/2016
Dibromochloromethane	ND	0.0049	0.00039		mg/Kg-dry	1	9/2/2016
1,1-Dichloroethane	ND	0.0049	0.00029		mg/Kg-dry	1	9/2/2016
1,2-Dichloroethane	ND	0.0049	0.00058		mg/Kg-dry	1	9/2/2016
1,1-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/2/2016
cis-1,2-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/2/2016
trans-1,2-Dichloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/2/2016
1,2-Dichloropropane	ND	0.0049	0.00039		mg/Kg-dry	1	9/2/2016
cis-1,3-Dichloropropene	ND	0.0019	0.00019		mg/Kg-dry	1	9/2/2016
trans-1,3-Dichloropropene	ND	0.0019	0.00029		mg/Kg-dry	1	9/2/2016
Ethylbenzene	0.00026	0.0049	0.000097	J	mg/Kg-dry	1	9/2/2016
2-Hexanone	ND	0.019	0.00078		mg/Kg-dry	1	9/2/2016
4-Methyl-2-pentanone	ND	0.019	0.00029		mg/Kg-dry	1	9/2/2016
Methylene chloride	0.0019	0.0097	0.00078	JB	mg/Kg-dry	1	9/2/2016
Methyl tert-butyl ether	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
Styrene	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
1,1,2,2-Tetrachloroethane	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
Tetrachloroethene	ND	0.0049	0.00029		mg/Kg-dry	1	9/2/2016
Toluene	0.0017	0.0049	0.00019	J	mg/Kg-dry	1	9/2/2016
1,1,1-Trichloroethane	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
1,1,2-Trichloroethane	ND	0.0049	0.00049		mg/Kg-dry	1	9/2/2016
Trichloroethene	ND	0.0049	0.00019		mg/Kg-dry	1	9/2/2016
Vinyl chloride	ND	0.0049	0.00039		mg/Kg-dry	1	9/2/2016
Xylenes, Total	ND	0.015	0.00039		mg/Kg-dry	1	9/2/2016
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: 9/1/2016		Analyst: GH	
Percent Moisture	13.5	0.2	0.1	*	wt%	1	9/2/2016

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below reporting limit  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-002

Client Sample ID: TW-2 @ 11'

Collection Date: 8/31/2016 10:30:00 AM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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**Volatile Organic Compounds by GC/MS****SW5035/8260B**

Prep Date: 8/31/2016

Analyst: JNM

Acetone	ND	0.053	0.0016		mg/Kg-dry	1	9/6/2016
Benzene	0.00044	0.0035	0.00014	J	mg/Kg-dry	1	9/6/2016
Bromodichloromethane	ND	0.0035	0.00028		mg/Kg-dry	1	9/6/2016
Bromoform	ND	0.0035	0.00028		mg/Kg-dry	1	9/6/2016
Bromomethane	ND	0.0070	0.00035		mg/Kg-dry	1	9/6/2016
2-Butanone	ND	0.053	0.0011		mg/Kg-dry	1	9/6/2016
Carbon disulfide	0.00051	0.035	0.00014	J	mg/Kg-dry	1	9/6/2016
Carbon tetrachloride	ND	0.0035	0.00021		mg/Kg-dry	1	9/6/2016
Chlorobenzene	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
Chloroethane	ND	0.0070	0.00028		mg/Kg-dry	1	9/6/2016
Chloroform	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
Chloromethane	ND	0.0070	0.00021		mg/Kg-dry	1	9/6/2016
Dibromochloromethane	ND	0.0035	0.00028		mg/Kg-dry	1	9/6/2016
1,1-Dichloroethane	ND	0.0035	0.00021		mg/Kg-dry	1	9/6/2016
1,2-Dichloroethane	ND	0.0035	0.00042		mg/Kg-dry	1	9/6/2016
1,1-Dichloroethene	ND	0.0035	0.00021		mg/Kg-dry	1	9/6/2016
cis-1,2-Dichloroethene	ND	0.0035	0.00021		mg/Kg-dry	1	9/6/2016
trans-1,2-Dichloroethene	ND	0.0035	0.00021		mg/Kg-dry	1	9/6/2016
1,2-Dichloropropane	ND	0.0035	0.00028		mg/Kg-dry	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.0014	0.00014		mg/Kg-dry	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.0014	0.00021		mg/Kg-dry	1	9/6/2016
Ethylbenzene	ND	0.0035	0.00007		mg/Kg-dry	1	9/6/2016
2-Hexanone	ND	0.014	0.00056		mg/Kg-dry	1	9/6/2016
4-Methyl-2-pentanone	ND	0.014	0.00021		mg/Kg-dry	1	9/6/2016
Methylene chloride	ND	0.0070	0.00056		mg/Kg-dry	1	9/6/2016
Methyl tert-butyl ether	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
Styrene	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
Tetrachloroethene	ND	0.0035	0.00021		mg/Kg-dry	1	9/6/2016
Toluene	0.00046	0.0035	0.00014	J	mg/Kg-dry	1	9/6/2016
1,1,1-Trichloroethane	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
1,1,2-Trichloroethane	ND	0.0035	0.00035		mg/Kg-dry	1	9/6/2016
Trichloroethene	ND	0.0035	0.00014		mg/Kg-dry	1	9/6/2016
Vinyl chloride	ND	0.0035	0.00028		mg/Kg-dry	1	9/6/2016
Xylenes, Total	ND	0.011	0.00028		mg/Kg-dry	1	9/6/2016

**Percent Moisture****D2974**

Prep Date: 9/1/2016

Analyst: GH

Percent Moisture	6.7	0.2	0.1	*	wt%	1	9/2/2016
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**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-003

Client Sample ID: TW-3 @ 12'

Collection Date: 8/31/2016 11:00:00 AM

Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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**Volatile Organic Compounds by GC/MS****SW5035/8260B**

Prep Date: 8/31/2016

Analyst: JNM

Acetone	ND	0.058	0.0018		mg/Kg-dry	1	9/6/2016
Benzene	0.00045	0.0039	0.00015	J	mg/Kg-dry	1	9/6/2016
Bromodichloromethane	ND	0.0039	0.00031		mg/Kg-dry	1	9/6/2016
Bromoform	ND	0.0039	0.00031		mg/Kg-dry	1	9/6/2016
Bromomethane	ND	0.0077	0.00039		mg/Kg-dry	1	9/6/2016
2-Butanone	ND	0.058	0.0012		mg/Kg-dry	1	9/6/2016
Carbon disulfide	ND	0.039	0.00015		mg/Kg-dry	1	9/6/2016
Carbon tetrachloride	ND	0.0039	0.00023		mg/Kg-dry	1	9/6/2016
Chlorobenzene	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
Chloroethane	ND	0.0077	0.00031		mg/Kg-dry	1	9/6/2016
Chloroform	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
Chloromethane	ND	0.0077	0.00023		mg/Kg-dry	1	9/6/2016
Dibromochloromethane	ND	0.0039	0.00031		mg/Kg-dry	1	9/6/2016
1,1-Dichloroethane	ND	0.0039	0.00023		mg/Kg-dry	1	9/6/2016
1,2-Dichloroethane	ND	0.0039	0.00046		mg/Kg-dry	1	9/6/2016
1,1-Dichloroethene	ND	0.0039	0.00023		mg/Kg-dry	1	9/6/2016
cis-1,2-Dichloroethene	ND	0.0039	0.00023		mg/Kg-dry	1	9/6/2016
trans-1,2-Dichloroethene	ND	0.0039	0.00023		mg/Kg-dry	1	9/6/2016
1,2-Dichloropropane	ND	0.0039	0.00031		mg/Kg-dry	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.0015	0.00015		mg/Kg-dry	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.0015	0.00023		mg/Kg-dry	1	9/6/2016
Ethylbenzene	ND	0.0039	0.000077		mg/Kg-dry	1	9/6/2016
2-Hexanone	ND	0.015	0.00062		mg/Kg-dry	1	9/6/2016
4-Methyl-2-pentanone	ND	0.015	0.00023		mg/Kg-dry	1	9/6/2016
Methylene chloride	ND	0.0077	0.00062		mg/Kg-dry	1	9/6/2016
Methyl tert-butyl ether	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
Styrene	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
1,1,1,2-Tetrachloroethane	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
Tetrachloroethene	ND	0.0039	0.00023		mg/Kg-dry	1	9/6/2016
Toluene	0.00041	0.0039	0.00015	J	mg/Kg-dry	1	9/6/2016
1,1,1-Trichloroethane	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
1,1,2-Trichloroethane	ND	0.0039	0.00039		mg/Kg-dry	1	9/6/2016
Trichloroethene	ND	0.0039	0.00015		mg/Kg-dry	1	9/6/2016
Vinyl chloride	ND	0.0039	0.00031		mg/Kg-dry	1	9/6/2016
Xylenes, Total	ND	0.012	0.00031		mg/Kg-dry	1	9/6/2016

**Percent Moisture****D2974**

Prep Date: 9/1/2016

Analyst: GH

Percent Moisture	11.1	0.2	0.1	*	wt%	1	9/2/2016
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**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-004

Client Sample ID: TW-1

Collection Date: 8/31/2016 11:15:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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**Volatile Organic Compounds by GC/MS**

SW8260B (SW5030B)

Prep Date:

Analyst: RRS

Acetone	ND	0.020	0.0031		mg/L	1	9/1/2016
Benzene	ND	0.00050	0.0002		mg/L	1	9/1/2016
Bromodichloromethane	ND	0.00050	0.0002		mg/L	1	9/1/2016
Bromoform	ND	0.0010	0.0003		mg/L	1	9/1/2016
Bromomethane	ND	0.0050	0.002		mg/L	1	9/1/2016
2-Butanone	ND	0.010	0.0016		mg/L	1	9/1/2016
Carbon disulfide	ND	0.0050	0.0003		mg/L	1	9/1/2016
Carbon tetrachloride	ND	0.00050	0.001		mg/L	1	9/1/2016
Chlorobenzene	ND	0.00050	0.0002		mg/L	1	9/1/2016
Chloroethane	ND	0.0050	0.0005		mg/L	1	9/1/2016
Chloroform	ND	0.00050	0.0001		mg/L	1	9/1/2016
Chloromethane	ND	0.0050	0.0003		mg/L	1	9/1/2016
Dibromochloromethane	ND	0.00050	0.0002		mg/L	1	9/1/2016
1,1-Dichloroethane	ND	0.00050	0.0002		mg/L	1	9/1/2016
1,2-Dichloroethane	ND	0.0010	0.0002		mg/L	1	9/1/2016
1,1-Dichloroethene	ND	0.0010	0.0004		mg/L	1	9/1/2016
cis-1,2-Dichloroethene	ND	0.0010	0.0002		mg/L	1	9/1/2016
trans-1,2-Dichloroethene	ND	0.0010	0.0005		mg/L	1	9/1/2016
1,2-Dichloropropane	ND	0.0010	0.0001		mg/L	1	9/1/2016
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/1/2016
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/1/2016
Ethylbenzene	ND	0.00050	0.0003		mg/L	1	9/1/2016
2-Hexanone	ND	0.010	0.0002		mg/L	1	9/1/2016
4-Methyl-2-pentanone	ND	0.010	0.0007		mg/L	1	9/1/2016
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/1/2016
Methyl tert-butyl ether	ND	0.00050	0.0003		mg/L	1	9/1/2016
Styrene	ND	0.0010	0.0003		mg/L	1	9/1/2016
1,1,2,2-Tetrachloroethane	ND	0.00050	0.0001		mg/L	1	9/1/2016
Tetrachloroethene	ND	0.0010	0.0003		mg/L	1	9/1/2016
Toluene	ND	0.00050	0.0004		mg/L	1	9/1/2016
1,1,1-Trichloroethane	ND	0.0010	0.0002		mg/L	1	9/1/2016
1,1,2-Trichloroethane	ND	0.00050	0.0001		mg/L	1	9/1/2016
Trichloroethene	ND	0.0010	0.0003		mg/L	1	9/1/2016
Vinyl chloride	ND	0.0010	0.0003		mg/L	1	9/1/2016
Xylenes, Total	ND	0.0030	0.001		mg/L	1	9/1/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-005

Client Sample ID: TW-3

Collection Date: 8/31/2016 12:40:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: RRS	
Acetone	0.012	0.020	0.0031	J	mg/L	1	9/1/2016
Benzene	0.00024	0.00050	0.0002	J	mg/L	1	9/1/2016
Bromodichloromethane	ND	0.00050	0.0002		mg/L	1	9/1/2016
Bromoform	ND	0.0010	0.0003		mg/L	1	9/1/2016
Bromomethane	ND	0.0050	0.002		mg/L	1	9/1/2016
2-Butanone	ND	0.010	0.0016		mg/L	1	9/1/2016
Carbon disulfide	0.00034	0.0050	0.0003	J	mg/L	1	9/1/2016
Carbon tetrachloride	ND	0.00050	0.001		mg/L	1	9/1/2016
Chlorobenzene	ND	0.00050	0.0002		mg/L	1	9/1/2016
Chloroethane	ND	0.0050	0.0005		mg/L	1	9/1/2016
Chloroform	ND	0.00050	0.0001		mg/L	1	9/1/2016
Chloromethane	ND	0.0050	0.0003		mg/L	1	9/1/2016
Dibromochloromethane	ND	0.00050	0.0002		mg/L	1	9/1/2016
1,1-Dichloroethane	ND	0.00050	0.0002		mg/L	1	9/1/2016
1,2-Dichloroethane	ND	0.0010	0.0002		mg/L	1	9/1/2016
1,1-Dichloroethene	ND	0.0010	0.0004		mg/L	1	9/1/2016
cis-1,2-Dichloroethene	ND	0.0010	0.0002		mg/L	1	9/1/2016
trans-1,2-Dichloroethene	ND	0.0010	0.0005		mg/L	1	9/1/2016
1,2-Dichloropropane	ND	0.0010	0.0001		mg/L	1	9/1/2016
cis-1,3-Dichloropropene	ND	0.0010	0.0002		mg/L	1	9/1/2016
trans-1,3-Dichloropropene	ND	0.0010	0.0001		mg/L	1	9/1/2016
Ethylbenzene	ND	0.00050	0.0003		mg/L	1	9/1/2016
2-Hexanone	ND	0.010	0.0002		mg/L	1	9/1/2016
4-Methyl-2-pentanone	ND	0.010	0.0007		mg/L	1	9/1/2016
Methylene chloride	ND	0.0050	0.0002		mg/L	1	9/1/2016
Methyl tert-butyl ether	ND	0.00050	0.0003		mg/L	1	9/1/2016
Styrene	ND	0.0010	0.0003		mg/L	1	9/1/2016
1,1,2,2-Tetrachloroethane	ND	0.00050	0.0001		mg/L	1	9/1/2016
Tetrachloroethene	ND	0.0010	0.0003		mg/L	1	9/1/2016
Toluene	ND	0.00050	0.0004		mg/L	1	9/1/2016
1,1,1-Trichloroethane	ND	0.0010	0.0002		mg/L	1	9/1/2016
1,1,2-Trichloroethane	ND	0.00050	0.0001		mg/L	1	9/1/2016
Trichloroethene	ND	0.0010	0.0003		mg/L	1	9/1/2016
Vinyl chloride	ND	0.0010	0.0003		mg/L	1	9/1/2016
Xylenes, Total	ND	0.0030	0.001		mg/L	1	9/1/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

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E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

**ANALYTICAL RESULTS**

Date Printed: September 09, 2016

CLIENT: Apex Companies, LLC

Client Sample ID: SV-1

Work Order: 16081298 Revision 0

Collection Date: 8/31/2016 12:28:00 PM

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Matrix: AIR

Lab ID: 16081298-006

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		<b>Prep Date: 9/2/2016</b>		<b>Analyst: NLM</b>	
1,1,1-Trichloroethane	ND	0.46	0.024		ppbv	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.46	0.032		ppbv	1	9/6/2016
1,1,2-Trichloroethane	ND	0.46	0.045		ppbv	1	9/6/2016
1,1-Dichloroethane	ND	0.46	0.022		ppbv	1	9/6/2016
1,1-Dichloroethene	ND	0.46	0.029		ppbv	1	9/6/2016
1,2,4-Trichlorobenzene	0.25	0.46	0.1	J	ppbv	1	9/6/2016
1,2,4-Trimethylbenzene	1.0	0.46	0.042		ppbv	1	9/6/2016
1,2-Dibromoethane	ND	0.46	0.052		ppbv	1	9/6/2016
1,2-Dichlorobenzene	0.069	0.46	0.038	J	ppbv	1	9/6/2016
1,2-Dichloroethane	ND	0.46	0.053		ppbv	1	9/6/2016
1,2-Dichloropropane	ND	0.46	0.032		ppbv	1	9/6/2016
1,3,5-Trimethylbenzene	0.28	0.46	0.032	J	ppbv	1	9/6/2016
1,3-Butadiene	ND	0.46	0.059		ppbv	1	9/6/2016
1,3-Dichlorobenzene	0.32	0.46	0.039	J	ppbv	1	9/6/2016
1,4-Dichlorobenzene	ND	0.46	0.049		ppbv	1	9/6/2016
1,4-Dioxane	ND	1.2	0.13		ppbv	1	9/6/2016
2-Butanone	2.3	1.2	0.11		ppbv	1	9/6/2016
2-Hexanone	0.76	2.3	0.13	J	ppbv	1	9/6/2016
4-Ethyltoluene	0.28	0.46	0.048	J	ppbv	1	9/6/2016
4-Methyl-2-pentanone	3.0	2.3	0.069		ppbv	1	9/6/2016
Acetone	34	4.6	0.16	*	ppbv	1	9/6/2016
Benzene	0.92	0.46	0.033		ppbv	1	9/6/2016
Benzyl chloride	ND	1.2	0.46		ppbv	1	9/6/2016
Bromodichloromethane	ND	0.46	0.032		ppbv	1	9/6/2016
Bromoform	ND	1.2	0.024		ppbv	1	9/6/2016
Bromomethane	0.14	1.2	0.054	J	ppbv	1	9/6/2016
Carbon disulfide	0.16	0.46	0.12	J	ppbv	1	9/6/2016
Carbon tetrachloride	ND	0.46	0.064		ppbv	1	9/6/2016
Chlorobenzene	ND	0.46	0.029		ppbv	1	9/6/2016
Chloroethane	ND	0.46	0.46		ppbv	1	9/6/2016
Chloroform	0.046	0.46	0.025	J	ppbv	1	9/6/2016
Chloromethane	ND	1.2	0.11		ppbv	1	9/6/2016
cis-1,2-Dichloroethene	0.44	0.46	0.034	J	ppbv	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.46	0.054		ppbv	1	9/6/2016
Cyclohexane	0.71	0.46	0.098		ppbv	1	9/6/2016
Dibromochloromethane	ND	0.46	0.037		ppbv	1	9/6/2016
Dichlorodifluoromethane	0.46	0.46	0.015		ppbv	1	9/6/2016
Ethyl acetate	ND	1.2	0.092		ppbv	1	9/6/2016

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-006

Client Sample ID: SV-1

Collection Date: 8/31/2016 12:28:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS TO-15			Prep Date: 9/2/2016		Analyst: NLM		
Ethylbenzene	0.90	0.46	0.036		ppbv	1	9/6/2016
Freon-113	ND	0.46	0.017		ppbv	1	9/6/2016
Freon-114	ND	2.3	0.066		ppbv	1	9/6/2016
Heptane	1.3	0.46	0.045		ppbv	1	9/6/2016
Hexachlorobutadiene	0.069	0.46	0.052	J	ppbv	1	9/6/2016
Hexane	1.8	1.2	0.032		ppbv	1	9/6/2016
Isopropyl Alcohol	130	58	4.5		ppbv	25	9/7/2016
m,p-Xylene	2.0	0.92	0.068		ppbv	1	9/6/2016
Methyl tert-butyl ether	0.069	0.46	0.038	J	ppbv	1	9/6/2016
Methylene chloride	0.28	4.6	0.25	J	ppbv	1	9/6/2016
Naphthalene	0.53	0.46	0.13		ppbv	1	9/6/2016
o-Xylene	0.83	0.46	0.029		ppbv	1	9/6/2016
Propene	3.7	4.6	0.46	J	ppbv	1	9/6/2016
Styrene	0.18	0.46	0.049	J	ppbv	1	9/6/2016
Tetrachloroethene	1800	12	0.83		ppbv	25	9/7/2016
Tetrahydrofuran	2.8	1.2	0.1		ppbv	1	9/6/2016
Toluene	22	0.46	0.052		ppbv	1	9/6/2016
trans-1,2-Dichloroethene	ND	0.46	0.032		ppbv	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.46	0.063		ppbv	1	9/6/2016
Trichloroethene	4.0	0.46	0.035		ppbv	1	9/6/2016
Trichlorofluoromethane	0.28	0.46	0.029	J	ppbv	1	9/6/2016
Vinyl acetate	ND	4.6	0.062		ppbv	1	9/6/2016
Vinyl chloride	ND	0.46	0.039		ppbv	1	9/6/2016
Xylenes, Total	2.9	1.4	0.096		ppbv	1	9/6/2016

Volatile Organic Compounds in Air by GC/MS TO-15			Prep Date: 9/2/2016		Analyst: NLM		
1,1,1-Trichloroethane	ND	0.0025	0.00013		mg/m <sup>3</sup>	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.0032	0.00022		mg/m <sup>3</sup>	1	9/6/2016
1,1,2-Trichloroethane	ND	0.0025	0.00024		mg/m <sup>3</sup>	1	9/6/2016
1,1-Dichloroethane	ND	0.0019	0.00009		mg/m <sup>3</sup>	1	9/6/2016
1,1-Dichloroethene	ND	0.0018	0.00012		mg/m <sup>3</sup>	1	9/6/2016
1,2,4-Trichlorobenzene	0.0019	0.0034	0.00076	J	mg/m <sup>3</sup>	1	9/6/2016
1,2,4-Trimethylbenzene	0.0051	0.0023	0.00021		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dibromoethane	ND	0.0035	0.0004		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichlorobenzene	0.00042	0.0028	0.00023	J	mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichloroethane	ND	0.0019	0.00021		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichloropropane	ND	0.0021	0.00015		mg/m <sup>3</sup>	1	9/6/2016
1,3,5-Trimethylbenzene	0.0014	0.0023	0.00016	J	mg/m <sup>3</sup>	1	9/6/2016
1,3-Butadiene	ND	0.0010	0.00013		mg/m <sup>3</sup>	1	9/6/2016

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-006

Client Sample ID: SV-1

Collection Date: 8/31/2016 12:28:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 9/2/2016		Analyst: NLM	
1,3-Dichlorobenzene	0.0019	0.0028	0.00023	J	mg/m <sup>3</sup>	1	9/6/2016
1,4-Dichlorobenzene	ND	0.0028	0.00029		mg/m <sup>3</sup>	1	9/6/2016
1,4-Dioxane	ND	0.0041	0.00048		mg/m <sup>3</sup>	1	9/6/2016
2-Butanone	0.0067	0.0034	0.00031		mg/m <sup>3</sup>	1	9/6/2016
2-Hexanone	0.0031	0.0094	0.00051	J	mg/m <sup>3</sup>	1	9/6/2016
4-Ethyltoluene	0.0014	0.0023	0.00024	J	mg/m <sup>3</sup>	1	9/6/2016
4-Methyl-2-pentanone	0.012	0.0094	0.00028		mg/m <sup>3</sup>	1	9/6/2016
Acetone	0.082	0.011	0.00039	*	mg/m <sup>3</sup>	1	9/6/2016
Benzene	0.0029	0.0015	0.00011		mg/m <sup>3</sup>	1	9/6/2016
Benzyl chloride	ND	0.0060	0.0024		mg/m <sup>3</sup>	1	9/6/2016
Bromodichloromethane	ND	0.0031	0.00021		mg/m <sup>3</sup>	1	9/6/2016
Bromoform	ND	0.012	0.00025		mg/m <sup>3</sup>	1	9/6/2016
Bromomethane	0.00054	0.0045	0.00021	J	mg/m <sup>3</sup>	1	9/6/2016
Carbon disulfide	0.00050	0.0014	0.00036	J	mg/m <sup>3</sup>	1	9/6/2016
Carbon tetrachloride	ND	0.0029	0.00041		mg/m <sup>3</sup>	1	9/6/2016
Chlorobenzene	ND	0.0021	0.00013		mg/m <sup>3</sup>	1	9/6/2016
Chloroethane	ND	0.0012	0.0012		mg/m <sup>3</sup>	1	9/6/2016
Chloroform	0.00022	0.0022	0.00012	J	mg/m <sup>3</sup>	1	9/6/2016
Chloromethane	ND	0.0024	0.00024		mg/m <sup>3</sup>	1	9/6/2016
cis-1,2-Dichloroethene	0.0017	0.0018	0.00013	J	mg/m <sup>3</sup>	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.0021	0.00025		mg/m <sup>3</sup>	1	9/6/2016
Cyclohexane	0.0025	0.0016	0.00034		mg/m <sup>3</sup>	1	9/6/2016
Dibromochloromethane	ND	0.0039	0.00032		mg/m <sup>3</sup>	1	9/6/2016
Dichlorodifluoromethane	0.0023	0.0022	0.000074		mg/m <sup>3</sup>	1	9/6/2016
Ethyl acetate	ND	0.0041	0.00033		mg/m <sup>3</sup>	1	9/6/2016
Ethylbenzene	0.0039	0.0020	0.00016		mg/m <sup>3</sup>	1	9/6/2016
Freon-113	ND	0.0035	0.00013		mg/m <sup>3</sup>	1	9/6/2016
Freon-114	ND	0.016	0.00046		mg/m <sup>3</sup>	1	9/6/2016
Heptane	0.0055	0.0019	0.00019		mg/m <sup>3</sup>	1	9/6/2016
Hexachlorobutadiene	0.00074	0.0049	0.00055	J	mg/m <sup>3</sup>	1	9/6/2016
Hexane	0.0064	0.0041	0.00011		mg/m <sup>3</sup>	1	9/6/2016
Isopropyl Alcohol	0.31	0.14	0.011		mg/m <sup>3</sup>	25	9/7/2016
m,p-Xylene	0.0088	0.0040	0.00029		mg/m <sup>3</sup>	1	9/6/2016
Methyl tert-butyl ether	0.00025	0.0017	0.00014	J	mg/m <sup>3</sup>	1	9/6/2016
Methylene chloride	0.00096	0.016	0.00086	J	mg/m <sup>3</sup>	1	9/6/2016
Naphthalene	0.0028	0.0024	0.00069		mg/m <sup>3</sup>	1	9/6/2016
o-Xylene	0.0036	0.0020	0.00013		mg/m <sup>3</sup>	1	9/6/2016
Propene	0.0063	0.0079	0.00079	J	mg/m <sup>3</sup>	1	9/6/2016

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

**ANALYTICAL RESULTS**

Date Printed: September 09, 2016

CLIENT: Apex Companies, LLC

Client Sample ID: SV-1

Work Order: 16081298 Revision 0

Collection Date: 8/31/2016 12:28:00 PM

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Matrix: AIR

Lab ID: 16081298-006

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS TO-15</b>				Prep Date: 9/2/2016		Analyst: NLM	
Styrene	0.00078	0.0020	0.00021	J	mg/m <sup>3</sup>	1	9/6/2016
Tetrachloroethene	12	0.078	0.0056		mg/m <sup>3</sup>	25	9/7/2016
Tetrahydrofuran	0.0084	0.0034	0.00031		mg/m <sup>3</sup>	1	9/6/2016
Toluene	0.081	0.0017	0.0002		mg/m <sup>3</sup>	1	9/6/2016
trans-1,2-Dichloroethene	ND	0.0018	0.00013		mg/m <sup>3</sup>	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.0021	0.00028		mg/m <sup>3</sup>	1	9/6/2016
Trichloroethene	0.022	0.0025	0.00019		mg/m <sup>3</sup>	1	9/6/2016
Trichlorofluoromethane	0.0016	0.0026	0.00016	J	mg/m <sup>3</sup>	1	9/6/2016
Vinyl acetate	ND	0.016	0.00022		mg/m <sup>3</sup>	1	9/6/2016
Vinyl chloride	ND	0.0012	0.000099		mg/m <sup>3</sup>	1	9/6/2016
Xylenes, Total	0.012	0.0060	0.00042		mg/m <sup>3</sup>	1	9/6/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-007

Client Sample ID: SV-2

Collection Date: 8/31/2016 12:32:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		<b>Prep Date: 9/2/2016</b>		<b>Analyst: NLM</b>	
1,1,1-Trichloroethane	ND	0.37	0.019		ppbv	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.37	0.026		ppbv	1	9/6/2016
1,1,2-Trichloroethane	ND	0.37	0.036		ppbv	1	9/6/2016
1,1-Dichloroethane	ND	0.37	0.018		ppbv	1	9/6/2016
1,1-Dichloroethene	ND	0.37	0.023		ppbv	1	9/6/2016
1,2,4-Trichlorobenzene	0.13	0.37	0.082	J	ppbv	1	9/6/2016
1,2,4-Trimethylbenzene	0.80	0.37	0.034		ppbv	1	9/6/2016
1,2-Dibromoethane	ND	0.37	0.042		ppbv	1	9/6/2016
1,2-Dichlorobenzene	ND	0.37	0.031		ppbv	1	9/6/2016
1,2-Dichloroethane	ND	0.37	0.043		ppbv	1	9/6/2016
1,2-Dichloropropane	ND	0.37	0.025		ppbv	1	9/6/2016
1,3,5-Trimethylbenzene	0.19	0.37	0.026	J	ppbv	1	9/6/2016
1,3-Butadiene	ND	0.37	0.048		ppbv	1	9/6/2016
1,3-Dichlorobenzene	0.19	0.37	0.031	J	ppbv	1	9/6/2016
1,4-Dichlorobenzene	ND	0.37	0.039		ppbv	1	9/6/2016
1,4-Dioxane	0.74	0.93	0.11	J	ppbv	1	9/6/2016
2-Butanone	2.6	0.93	0.085		ppbv	1	9/6/2016
2-Hexanone	0.70	1.9	0.1	J	ppbv	1	9/6/2016
4-Ethyltoluene	0.19	0.37	0.039	J	ppbv	1	9/6/2016
4-Methyl-2-pentanone	1.5	1.9	0.056	J	ppbv	1	9/6/2016
Acetone	61	3.7	0.13	*	ppbv	1	9/6/2016
Benzene	0.45	0.37	0.027		ppbv	1	9/6/2016
Benzyl chloride	ND	0.93	0.37		ppbv	1	9/6/2016
Bromodichloromethane	ND	0.37	0.025		ppbv	1	9/6/2016
Bromoform	ND	0.93	0.02		ppbv	1	9/6/2016
Bromomethane	0.13	0.93	0.043	J	ppbv	1	9/6/2016
Carbon disulfide	ND	0.37	0.093		ppbv	1	9/6/2016
Carbon tetrachloride	ND	0.37	0.052		ppbv	1	9/6/2016
Chlorobenzene	ND	0.37	0.023		ppbv	1	9/6/2016
Chloroethane	ND	0.37	0.37		ppbv	1	9/6/2016
Chloroform	0.074	0.37	0.02	J	ppbv	1	9/6/2016
Chloromethane	ND	0.93	0.092		ppbv	1	9/6/2016
cis-1,2-Dichloroethene	4.5	0.37	0.027		ppbv	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.37	0.044		ppbv	1	9/6/2016
Cyclohexane	0.37	0.37	0.079		ppbv	1	9/6/2016
Dibromochloromethane	ND	0.37	0.03		ppbv	1	9/6/2016
Dichlorodifluoromethane	0.46	0.37	0.012		ppbv	1	9/6/2016
Ethyl acetate	ND	0.93	0.074		ppbv	1	9/6/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded



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Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-007

Client Sample ID: SV-2

Collection Date: 8/31/2016 12:32:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: 9/2/2016	Analyst: NLM		
Ethylbenzene	0.65	0.37	0.029		ppbv	1	9/6/2016
Freon-113	0.074	0.37	0.014	J	ppbv	1	9/6/2016
Freon-114	ND	1.9	0.053		ppbv	1	9/6/2016
Heptane	0.65	0.37	0.037		ppbv	1	9/6/2016
Hexachlorobutadiene	ND	0.37	0.042		ppbv	1	9/6/2016
Hexane	0.76	0.93	0.026	J	ppbv	1	9/6/2016
Isopropyl Alcohol	43	1.9	0.15		ppbv	1	9/6/2016
m,p-Xylene	1.4	0.74	0.055		ppbv	1	9/6/2016
Methyl tert-butyl ether	0.093	0.37	0.03	J	ppbv	1	9/6/2016
Methylene chloride	ND	3.7	0.2		ppbv	1	9/6/2016
Naphthalene	0.33	0.37	0.11	J	ppbv	1	9/6/2016
o-Xylene	0.56	0.37	0.024		ppbv	1	9/6/2016
Propene	2.1	3.7	0.37	J	ppbv	1	9/6/2016
Styrene	0.074	0.37	0.039	J	ppbv	1	9/6/2016
Tetrachloroethene	6500	190	13		ppbv	500	9/7/2016
Tetrahydrofuran	1.4	0.93	0.084		ppbv	1	9/6/2016
Toluene	12	0.37	0.042		ppbv	1	9/6/2016
trans-1,2-Dichloroethene	0.037	0.37	0.025	J	ppbv	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.37	0.05		ppbv	1	9/6/2016
Trichloroethene	7.6	0.37	0.028		ppbv	1	9/6/2016
Trichlorofluoromethane	0.28	0.37	0.023	J	ppbv	1	9/6/2016
Vinyl acetate	ND	3.7	0.05		ppbv	1	9/6/2016
Vinyl chloride	ND	0.37	0.031		ppbv	1	9/6/2016
Xylenes, Total	1.9	1.1	0.078		ppbv	1	9/6/2016

Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: 9/2/2016	Analyst: NLM		
1,1,1-Trichloroethane	ND	0.0020	0.00011		mg/m <sup>3</sup>	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.0025	0.00018		mg/m <sup>3</sup>	1	9/6/2016
1,1,2-Trichloroethane	ND	0.0020	0.0002		mg/m <sup>3</sup>	1	9/6/2016
1,1-Dichloroethane	ND	0.0015	0.000073		mg/m <sup>3</sup>	1	9/6/2016
1,1-Dichloroethene	ND	0.0015	0.000093		mg/m <sup>3</sup>	1	9/6/2016
1,2,4-Trichlorobenzene	0.00096	0.0028	0.00061	J	mg/m <sup>3</sup>	1	9/6/2016
1,2,4-Trimethylbenzene	0.0039	0.0018	0.00017		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dibromoethane	ND	0.0029	0.00032		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichlorobenzene	ND	0.0022	0.00019		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichloroethane	ND	0.0015	0.00017		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichloropropane	ND	0.0017	0.00012		mg/m <sup>3</sup>	1	9/6/2016
1,3,5-Trimethylbenzene	0.00091	0.0018	0.00013	J	mg/m <sup>3</sup>	1	9/6/2016
1,3-Butadiene	ND	0.00082	0.00011		mg/m <sup>3</sup>	1	9/6/2016

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below reporting limit  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-007

Client Sample ID: SV-2

Collection Date: 8/31/2016 12:32:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		<b>Prep Date: 9/2/2016</b>		<b>Analyst: NLM</b>	
1,3-Dichlorobenzene	0.0011	0.0022	0.00019	J	mg/m <sup>3</sup>	1	9/6/2016
1,4-Dichlorobenzene	ND	0.0022	0.00024		mg/m <sup>3</sup>	1	9/6/2016
1,4-Dioxane	0.0027	0.0033	0.00039	J	mg/m <sup>3</sup>	1	9/6/2016
2-Butanone	0.0077	0.0027	0.00025		mg/m <sup>3</sup>	1	9/6/2016
2-Hexanone	0.0029	0.0076	0.00041	J	mg/m <sup>3</sup>	1	9/6/2016
4-Ethyltoluene	0.00091	0.0018	0.00019	J	mg/m <sup>3</sup>	1	9/6/2016
4-Methyl-2-pentanone	0.0061	0.0076	0.00023	J	mg/m <sup>3</sup>	1	9/6/2016
Acetone	0.14	0.0088	0.00031	*	mg/m <sup>3</sup>	1	9/6/2016
Benzene	0.0014	0.0012	0.000085		mg/m <sup>3</sup>	1	9/6/2016
Benzyl chloride	ND	0.0048	0.0019		mg/m <sup>3</sup>	1	9/6/2016
Bromodichloromethane	ND	0.0025	0.00017		mg/m <sup>3</sup>	1	9/6/2016
Bromoform	ND	0.0096	0.0002		mg/m <sup>3</sup>	1	9/6/2016
Bromomethane	0.00050	0.0036	0.00017	J	mg/m <sup>3</sup>	1	9/6/2016
Carbon disulfide	ND	0.0012	0.00029		mg/m <sup>3</sup>	1	9/6/2016
Carbon tetrachloride	ND	0.0023	0.00033		mg/m <sup>3</sup>	1	9/6/2016
Chlorobenzene	ND	0.0017	0.00011		mg/m <sup>3</sup>	1	9/6/2016
Chloroethane	ND	0.00098	0.00098		mg/m <sup>3</sup>	1	9/6/2016
Chloroform	0.00036	0.0018	0.000099	J	mg/m <sup>3</sup>	1	9/6/2016
Chloromethane	ND	0.0019	0.00019		mg/m <sup>3</sup>	1	9/6/2016
cis-1,2-Dichloroethene	0.018	0.0015	0.00011		mg/m <sup>3</sup>	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.0017	0.0002		mg/m <sup>3</sup>	1	9/6/2016
Cyclohexane	0.0013	0.0012	0.00027		mg/m <sup>3</sup>	1	9/6/2016
Dibromochloromethane	ND	0.0032	0.00025		mg/m <sup>3</sup>	1	9/6/2016
Dichlorodifluoromethane	0.0023	0.0018	0.00006		mg/m <sup>3</sup>	1	9/6/2016
Ethyl acetate	ND	0.0033	0.00027		mg/m <sup>3</sup>	1	9/6/2016
Ethylbenzene	0.0028	0.0016	0.00013		mg/m <sup>3</sup>	1	9/6/2016
Freon-113	0.00057	0.0028	0.00011	J	mg/m <sup>3</sup>	1	9/6/2016
Freon-114	ND	0.013	0.00037		mg/m <sup>3</sup>	1	9/6/2016
Heptane	0.0027	0.0015	0.00015		mg/m <sup>3</sup>	1	9/6/2016
Hexachlorobutadiene	ND	0.0040	0.00045		mg/m <sup>3</sup>	1	9/6/2016
Hexane	0.0027	0.0033	0.000092	J	mg/m <sup>3</sup>	1	9/6/2016
Isopropyl Alcohol	0.11	0.0046	0.00036		mg/m <sup>3</sup>	1	9/6/2016
m,p-Xylene	0.0060	0.0032	0.00024		mg/m <sup>3</sup>	1	9/6/2016
Methyl tert-butyl ether	0.00033	0.0013	0.00011	J	mg/m <sup>3</sup>	1	9/6/2016
Methylene chloride	ND	0.013	0.00069		mg/m <sup>3</sup>	1	9/6/2016
Naphthalene	0.0018	0.0019	0.00056	J	mg/m <sup>3</sup>	1	9/6/2016
o-Xylene	0.0024	0.0016	0.0001		mg/m <sup>3</sup>	1	9/6/2016
Propene	0.0036	0.0064	0.00064	J	mg/m <sup>3</sup>	1	9/6/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-007

Client Sample ID: SV-2

Collection Date: 8/31/2016 12:32:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		<b>Prep Date: 9/2/2016</b>		<b>Analyst: NLM</b>	
Styrene	0.00032	0.0016	0.00017	J	mg/m <sup>3</sup>	1	9/6/2016
Tetrachloroethene	44	1.3	0.091		mg/m <sup>3</sup>	500	9/7/2016
Tetrahydrofuran	0.0041	0.0027	0.00025		mg/m <sup>3</sup>	1	9/6/2016
Toluene	0.046	0.0014	0.00016		mg/m <sup>3</sup>	1	9/6/2016
trans-1,2-Dichloroethene	0.00015	0.0015	0.0001	J	mg/m <sup>3</sup>	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.0017	0.00023		mg/m <sup>3</sup>	1	9/6/2016
Trichloroethene	0.041	0.0020	0.00015		mg/m <sup>3</sup>	1	9/6/2016
Trichlorofluoromethane	0.0016	0.0021	0.00013	J	mg/m <sup>3</sup>	1	9/6/2016
Vinyl acetate	ND	0.013	0.00018		mg/m <sup>3</sup>	1	9/6/2016
Vinyl chloride	ND	0.00095	0.00008		mg/m <sup>3</sup>	1	9/6/2016
Xylenes, Total	0.0085	0.0048	0.00034		mg/m <sup>3</sup>	1	9/6/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

**STAT Analysis Corporation**

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Work Order: 16081298 Revision 0

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Lab ID: 16081298-008

Client Sample ID: SV-3

Collection Date: 8/31/2016 12:34:00 PM

Matrix: AIR

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS			TO-15	Prep Date: 9/2/2016			Analyst: NLM
1,1,1-Trichloroethane	ND	0.51	0.027		ppbv	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.51	0.035		ppbv	1	9/6/2016
1,1,2-Trichloroethane	ND	0.51	0.049		ppbv	1	9/6/2016
1,1-Dichloroethane	ND	0.51	0.025		ppbv	1	9/6/2016
1,1-Dichloroethene	ND	0.51	0.032		ppbv	1	9/6/2016
1,2,4-Trichlorobenzene	0.15	0.51	0.11	J	ppbv	1	9/6/2016
1,2,4-Trimethylbenzene	1.5	0.51	0.046		ppbv	1	9/6/2016
1,2-Dibromoethane	ND	0.51	0.057		ppbv	1	9/6/2016
1,2-Dichlorobenzene	ND	0.51	0.042		ppbv	1	9/6/2016
1,2-Dichloroethane	ND	0.51	0.059		ppbv	1	9/6/2016
1,2-Dichloropropane	ND	0.51	0.035		ppbv	1	9/6/2016
1,3,5-Trimethylbenzene	0.41	0.51	0.035	J	ppbv	1	9/6/2016
1,3-Butadiene	ND	0.51	0.065		ppbv	1	9/6/2016
1,3-Dichlorobenzene	0.82	0.51	0.043		ppbv	1	9/6/2016
1,4-Dichlorobenzene	ND	0.51	0.054		ppbv	1	9/6/2016
1,4-Dioxane	0.66	1.3	0.15	J	ppbv	1	9/6/2016
2-Butanone	4.1	1.3	0.12		ppbv	1	9/6/2016
2-Hexanone	1.2	2.6	0.14	J	ppbv	1	9/6/2016
4-Ethyltoluene	0.33	0.51	0.053	J	ppbv	1	9/6/2016
4-Methyl-2-pentanone	2.3	2.6	0.077	J	ppbv	1	9/6/2016
Acetone	44	5.1	0.18	*	ppbv	1	9/6/2016
Benzene	1.1	0.51	0.037		ppbv	1	9/6/2016
Benzyl chloride	ND	1.3	0.51		ppbv	1	9/6/2016
Bromodichloromethane	ND	0.51	0.035		ppbv	1	9/6/2016
Bromoform	ND	1.3	0.027		ppbv	1	9/6/2016
Bromomethane	0.20	1.3	0.06	J	ppbv	1	9/6/2016
Carbon disulfide	0.15	0.51	0.13	J	ppbv	1	9/6/2016
Carbon tetrachloride	ND	0.51	0.071		ppbv	1	9/6/2016
Chlorobenzene	ND	0.51	0.032		ppbv	1	9/6/2016
Chloroethane	ND	0.51	0.51		ppbv	1	9/6/2016
Chloroform	0.13	0.51	0.028	J	ppbv	1	9/6/2016
Chloromethane	ND	1.3	0.13		ppbv	1	9/6/2016
cis-1,2-Dichloroethene	8.1	0.51	0.038		ppbv	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.51	0.06		ppbv	1	9/6/2016
Cyclohexane	1.3	0.51	0.11		ppbv	1	9/6/2016
Dibromochloromethane	ND	0.51	0.041		ppbv	1	9/6/2016
Dichlorodifluoromethane	0.43	0.51	0.017	J	ppbv	1	9/6/2016
Ethyl acetate	ND	1.3	0.1		ppbv	1	9/6/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

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\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

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Date Reported: September 09, 2016

**ANALYTICAL RESULTS**

Date Printed: September 09, 2016

CLIENT: Apex Companies, LLC

Client Sample ID: SV-3

Work Order: 16081298 Revision 0

Collection Date: 8/31/2016 12:34:00 PM

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Matrix: AIR

Lab ID: 16081298-008

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15	Prep Date: 9/2/2016			Analyst: NLM		
--	-------	---------------------	--	--	--------------	--	--

Ethylbenzene	1.4	0.51	0.04		ppbv	1	9/6/2016
Freon-113	0.077	0.51	0.019	J	ppbv	1	9/6/2016
Freon-114	ND	2.6	0.073		ppbv	1	9/6/2016
Heptane	3.1	0.51	0.05		ppbv	1	9/6/2016
Hexachlorobutadiene	ND	0.51	0.058		ppbv	1	9/6/2016
Hexane	3.2	1.3	0.036		ppbv	1	9/6/2016
Isopropyl Alcohol	26	2.6	0.2		ppbv	1	9/6/2016
m,p-Xylene	2.7	1.0	0.075		ppbv	1	9/6/2016
Methyl tert-butyl ether	0.077	0.51	0.042	J	ppbv	1	9/6/2016
Methylene chloride	ND	5.1	0.27		ppbv	1	9/6/2016
Naphthalene	0.79	0.51	0.15		ppbv	1	9/6/2016
o-Xylene	1.1	0.51	0.033		ppbv	1	9/6/2016
Propene	3.2	5.1	0.51	J	ppbv	1	9/6/2016
Styrene	0.13	0.51	0.054	J	ppbv	1	9/6/2016
Tetrachloroethene	280	260	18		ppbv	500	9/7/2016
Tetrahydrofuran	1.9	1.3	0.12		ppbv	1	9/6/2016
Toluene	13	0.51	0.058		ppbv	1	9/6/2016
trans-1,2-Dichloroethene	ND	0.51	0.035		ppbv	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.51	0.069		ppbv	1	9/6/2016
Trichloroethene	4.7	0.51	0.039		ppbv	1	9/6/2016
Trichlorofluoromethane	0.23	0.51	0.032	J	ppbv	1	9/6/2016
Vinyl acetate	ND	5.1	0.069		ppbv	1	9/6/2016
Vinyl chloride	ND	0.51	0.043		ppbv	1	9/6/2016
Xylenes, Total	3.8	1.5	0.11		ppbv	1	9/6/2016

Volatile Organic Compounds in Air by GC/MS	TO-15	Prep Date: 9/2/2016			Analyst: NLM		
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1,1,1-Trichloroethane	ND	0.0028	0.00015		mg/m <sup>3</sup>	1	9/6/2016
1,1,2,2-Tetrachloroethane	ND	0.0035	0.00024		mg/m <sup>3</sup>	1	9/6/2016
1,1,2-Trichloroethane	ND	0.0028	0.00027		mg/m <sup>3</sup>	1	9/6/2016
1,1-Dichloroethane	ND	0.0021	0.0001		mg/m <sup>3</sup>	1	9/6/2016
1,1-Dichloroethene	ND	0.0020	0.00013		mg/m <sup>3</sup>	1	9/6/2016
1,2,4-Trichlorobenzene	0.0011	0.0038	0.00084	J	mg/m <sup>3</sup>	1	9/6/2016
1,2,4-Trimethylbenzene	0.0075	0.0025	0.00023		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dibromoethane	ND	0.0039	0.00044		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichlorobenzene	ND	0.0031	0.00026		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichloroethane	ND	0.0021	0.00024		mg/m <sup>3</sup>	1	9/6/2016
1,2-Dichloropropane	ND	0.0024	0.00016		mg/m <sup>3</sup>	1	9/6/2016
1,3,5-Trimethylbenzene	0.0020	0.0025	0.00017	J	mg/m <sup>3</sup>	1	9/6/2016
1,3-Butadiene	ND	0.0011	0.00014		mg/m <sup>3</sup>	1	9/6/2016

ND - Not Detected at the Reporting Limit

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

**Qualifiers:**

J - Analyte detected below reporting limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: September 09, 2016

Date Printed: September 09, 2016

**ANALYTICAL RESULTS**

CLIENT: Apex Companies, LLC

Client Sample ID: SV-3

Work Order: 16081298 Revision 0

Collection Date: 8/31/2016 12:34:00 PM

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Matrix: AIR

Lab ID: 16081298-008

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 9/2/2016		Analyst: NLM	
1,3-Dichlorobenzene	0.0049	0.0031	0.00026		mg/m <sup>3</sup>	1	9/6/2016
1,4-Dichlorobenzene	ND	0.0031	0.00032		mg/m <sup>3</sup>	1	9/6/2016
1,4-Dioxane	0.0024	0.0046	0.00054	J	mg/m <sup>3</sup>	1	9/6/2016
2-Butanone	0.012	0.0038	0.00034		mg/m <sup>3</sup>	1	9/6/2016
2-Hexanone	0.0049	0.010	0.00057	J	mg/m <sup>3</sup>	1	9/6/2016
4-Ethyltoluene	0.0016	0.0025	0.00026	J	mg/m <sup>3</sup>	1	9/6/2016
4-Methyl-2-pentanone	0.0094	0.010	0.00031	J	mg/m <sup>3</sup>	1	9/6/2016
Acetone	0.10	0.012	0.00043	*	mg/m <sup>3</sup>	1	9/6/2016
Benzene	0.0034	0.0016	0.00012		mg/m <sup>3</sup>	1	9/6/2016
Benzyl chloride	ND	0.0066	0.0026		mg/m <sup>3</sup>	1	9/6/2016
Bromodichloromethane	ND	0.0034	0.00023		mg/m <sup>3</sup>	1	9/6/2016
Bromoform	ND	0.013	0.00028		mg/m <sup>3</sup>	1	9/6/2016
Bromomethane	0.00079	0.0050	0.00023	J	mg/m <sup>3</sup>	1	9/6/2016
Carbon disulfide	0.00048	0.0016	0.0004	J	mg/m <sup>3</sup>	1	9/6/2016
Carbon tetrachloride	ND	0.0032	0.00045		mg/m <sup>3</sup>	1	9/6/2016
Chlorobenzene	ND	0.0024	0.00015		mg/m <sup>3</sup>	1	9/6/2016
Chloroethane	ND	0.0013	0.0013		mg/m <sup>3</sup>	1	9/6/2016
Chloroform	0.00062	0.0025	0.00014	J	mg/m <sup>3</sup>	1	9/6/2016
Chloromethane	ND	0.0026	0.00026		mg/m <sup>3</sup>	1	9/6/2016
cis-1,2-Dichloroethene	0.032	0.0020	0.00015		mg/m <sup>3</sup>	1	9/6/2016
cis-1,3-Dichloropropene	ND	0.0023	0.00027		mg/m <sup>3</sup>	1	9/6/2016
Cyclohexane	0.0046	0.0018	0.00037		mg/m <sup>3</sup>	1	9/6/2016
Dibromochloromethane	ND	0.0043	0.00035		mg/m <sup>3</sup>	1	9/6/2016
Dichlorodifluoromethane	0.0021	0.0025	0.000082	J	mg/m <sup>3</sup>	1	9/6/2016
Ethyl acetate	ND	0.0046	0.00037		mg/m <sup>3</sup>	1	9/6/2016
Ethylbenzene	0.0061	0.0022	0.00017		mg/m <sup>3</sup>	1	9/6/2016
Freon-113	0.00059	0.0039	0.00015	J	mg/m <sup>3</sup>	1	9/6/2016
Freon-114	ND	0.018	0.00051		mg/m <sup>3</sup>	1	9/6/2016
Heptane	0.013	0.0021	0.00021		mg/m <sup>3</sup>	1	9/6/2016
Hexachlorobutadiene	ND	0.0054	0.00061		mg/m <sup>3</sup>	1	9/6/2016
Hexane	0.011	0.0045	0.00013		mg/m <sup>3</sup>	1	9/6/2016
Isopropyl Alcohol	0.065	0.0063	0.00049		mg/m <sup>3</sup>	1	9/6/2016
m,p-Xylene	0.012	0.0044	0.00033		mg/m <sup>3</sup>	1	9/6/2016
Methyl tert-butyl ether	0.00028	0.0018	0.00015	J	mg/m <sup>3</sup>	1	9/6/2016
Methylene chloride	ND	0.018	0.00095		mg/m <sup>3</sup>	1	9/6/2016
Naphthalene	0.0041	0.0027	0.00076		mg/m <sup>3</sup>	1	9/6/2016
o-Xylene	0.0048	0.0022	0.00014		mg/m <sup>3</sup>	1	9/6/2016
Propene	0.0055	0.0088	0.00088	J	mg/m <sup>3</sup>	1	9/6/2016

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL/MDL - Reporting Limit / Method Detection Limit for the analysis
	J - Analyte detected below reporting limit	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Date Reported: September 09, 2016

**ANALYTICAL RESULTS**

Date Printed: September 09, 2016

CLIENT: Apex Companies, LLC

Client Sample ID: SV-3

Work Order: 16081298 Revision 0

Collection Date: 8/31/2016 12:34:00 PM

Project: PECO-216-78, Bright Cleaners-Franklin Centre, 7249

Matrix: AIR

Lab ID: 16081298-008

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----	-----------	-------	----	---------------

Volatile Organic Compounds in Air by GC/MS				TO-15	Prep Date: 9/2/2016		Analyst: NLM
Styrene	0.00054	0.0022	0.00023	J	mg/m <sup>3</sup>	1	9/6/2016
Tetrachloroethene	1.9	1.7	0.13		mg/m <sup>3</sup>	500	9/7/2016
Tetrahydrofuran	0.0056	0.0038	0.00034		mg/m <sup>3</sup>	1	9/6/2016
Toluene	0.047	0.0019	0.00022		mg/m <sup>3</sup>	1	9/6/2016
trans-1,2-Dichloroethene	ND	0.0020	0.00014		mg/m <sup>3</sup>	1	9/6/2016
trans-1,3-Dichloropropene	ND	0.0023	0.00032		mg/m <sup>3</sup>	1	9/6/2016
Trichloroethene	0.026	0.0027	0.00021		mg/m <sup>3</sup>	1	9/6/2016
Trichlorofluoromethane	0.0013	0.0029	0.00018	J	mg/m <sup>3</sup>	1	9/6/2016
Vinyl acetate	ND	0.018	0.00024		mg/m <sup>3</sup>	1	9/6/2016
Vinyl chloride	ND	0.0013	0.00011		mg/m <sup>3</sup>	1	9/6/2016
Xylenes, Total	0.017	0.0066	0.00046		mg/m <sup>3</sup>	1	9/6/2016

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below reporting limit

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL/MDL - Reporting Limit / Method Detection Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

# STAT Analysis Corporation

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 e-mail address: STATinfo@STATAnalysis.com

## CHAIN OF CUSTODY RECORD

Nº: 903397

Page: 1 of 1

Company: <u>Apex Companies</u>								Quote No.: <hr/> P.O. No.: <hr/> Turn Around Time (Days): 1 2 3 4 <u>(5-7)</u> 10 Results Needed: / / am/pm Additional Information: <span style="float: right;">Lab No.:</span> 001 002 003 004 005 Summary: 60319 006 60339 007 60268 008									
Project Number: <u>PECO-2016-78</u>				Client Tracking No.:													
Project Name: <u>Bright Cleaners - Franklin Centre</u>																	
Project Location: <u>7249 S. 76<sup>th</sup> St., Franklin, WI</u>																	
Sampler(s): <u>Joe Becker</u>																	
Report To: <u>Joe Becker</u>				Phone: <u>847-956-8589</u>													
Report To: <u>Steve Newlin</u>				Fax: <u>snewlin@apexcos.com</u>													
QC Level: 1 ___ 2 ___ 3 ___ 4 ___				e-mail: <u>jbecker@apexcos.com</u>													
Client Sample Number/Description:		Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOCs - 8260 VOCs - T0-15								
TW-1 @ 14'		8-31-16	10:00	Soil		X	F	4									X
TW-2 @ 11'			10:30				F	4									X
TW-3 @ 12'			11:00				F	4									X
<del>TW-1</del>			11:15	GW			E	3									X
<del>TW-2</del>							E	3									X
TW-3			12:40				E	3									X
SV-1			12:28	Air			A	1									X
SV-2			12:32				A	1									X
SV-3			12:34				A	1									X
Relinquished by: (Signature) <u>[Signature]</u>				Date/Time: <u>8-31-16/16:45</u>				Comments:									
Received by: (Signature) <u>[Signature]</u>				Date/Time: <u>8/31/16 16:48</u>													
Relinquished by: (Signature)				Date/Time:													
Received by: (Signature)				Date/Time:													
Relinquished by: (Signature)				Date/Time:				Preservation Code: A = None B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl F = 5035/EnCore G = Other									
Received by: (Signature)				Date/Time:													
								Laboratory Work Order No.:									
								<u>16081298</u> Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Temperature: <u>4.7</u> °C									

21 of 22



**Sample Receipt Checklist**

Client Name **APEX**

Date and Time Received: **8/31/2016 4:45:00 PM**

Work Order Number **16081298**

Received by: **JDR**

Checklist completed by:

*[Signature]* 8/31/16  
Signature Date

Reviewed by:

*[Initials]* 8/16/16  
Initials Date

Matrix: \_\_\_\_\_ Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature **4.7 °C** \*
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: \_\_\_\_\_
- Water - Samples properly preserved? Yes  No  pH Adjusted? \_\_\_\_\_

Any No response must be detailed in the comments section below.

Comments: To-cans received at ambient temperature.

Client / Person contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Response: \_\_\_\_\_

**Ryan, Nancy D - DNR**

---

**From:** Ryan, Nancy D - DNR  
**Sent:** Tuesday, August 15, 2017 1:48 PM  
**To:** 'Jane Allan'  
**Cc:** Joseph Becker  
**Subject:** RE: Phase II Limited Subsurface Investigation - Bright Cleaners, Franklin Center

Thank you, Jane. Could you please also submit a hard copy of this report to me? We will be issuing a responsible party letter in the near future to Franklin Station but if you have further questions, please ask.

Regards,

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Nancy D. Ryan  
Hydrogeologist, Bureau for Remediation and Redevelopment  
Wisconsin Department of Natural Resources  
2300 N. Dr. Martin Luther King, Jr. Dr.  
Milwaukee, WI 53212  
Phone: (414) 263-8533  
Fax: (414) 263-8550  
[nancy.ryan@wisconsin.gov](mailto:nancy.ryan@wisconsin.gov)



[dnr.wi.gov](http://dnr.wi.gov)



---

**From:** Jane Allan [<mailto:JAllan@apexcos.com>]  
**Sent:** Tuesday, August 15, 2017 11:40 AM  
**To:** Ryan, Nancy D - DNR  
**Cc:** Joseph Becker  
**Subject:** Phase II Limited Subsurface Investigation - Bright Cleaners, Franklin Center

Hi Nancy,  
I've attached the Limited Phase II conducted at the Bright Cleaners.  
As we discussed this morning, based on the VOCs detected we are interpreting this as a new release.  
Please let me know if there is anything else you need.  
thanks  
Jane

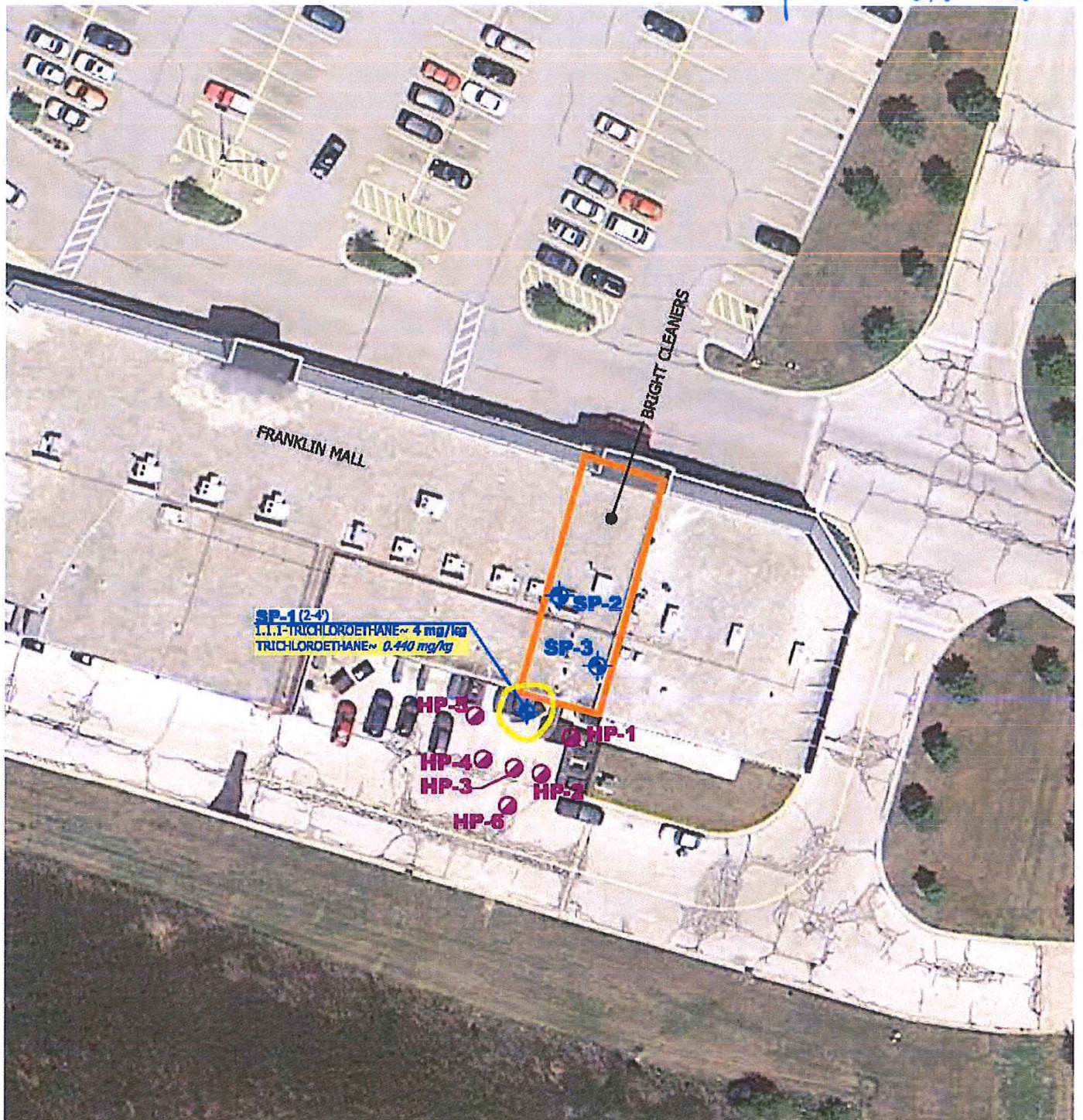
	<b>Jane Allan</b>
	Project Manager
	<b>Apex Companies, LLC</b> 155 Tri-County Parkway, Suite 250 Cincinnati, OH 45246
	O) 513-771-3617 x3801 M) 513-477-4602
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Closed ERP  
map.

Clean closure



APPROXIMATE SCALE 1"=50'



**LEGEND**

- SP-3** APPROXIMATE SOIL PROBE LOCATION (MAY 13, 2011)
- HP-6** APPROXIMATE HAND AUGER LOCATION (JUNE 7, 2011)
- 0.440 mg/kg** INDICATES CONCENTRATION EXCEEDS INGESTION AND INHALATION PATHWAY
- 4 mg/kg** INDICATES CONCENTRATION EXCEEDS SOIL TO GROUNDWATER PATHWAY

SOURCE: IMAGE ADAPTED FROM GOOGLE EARTH DATED JULY 2011.  
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PREPARED FOR:

FRANKLIN CENTRE  
WISONSIN LLC

**PRE-REMEDIAL SOIL CONTAMINATION**

7249 SOUTH 76TH STREET  
FRANKLIN, WISCONSIN

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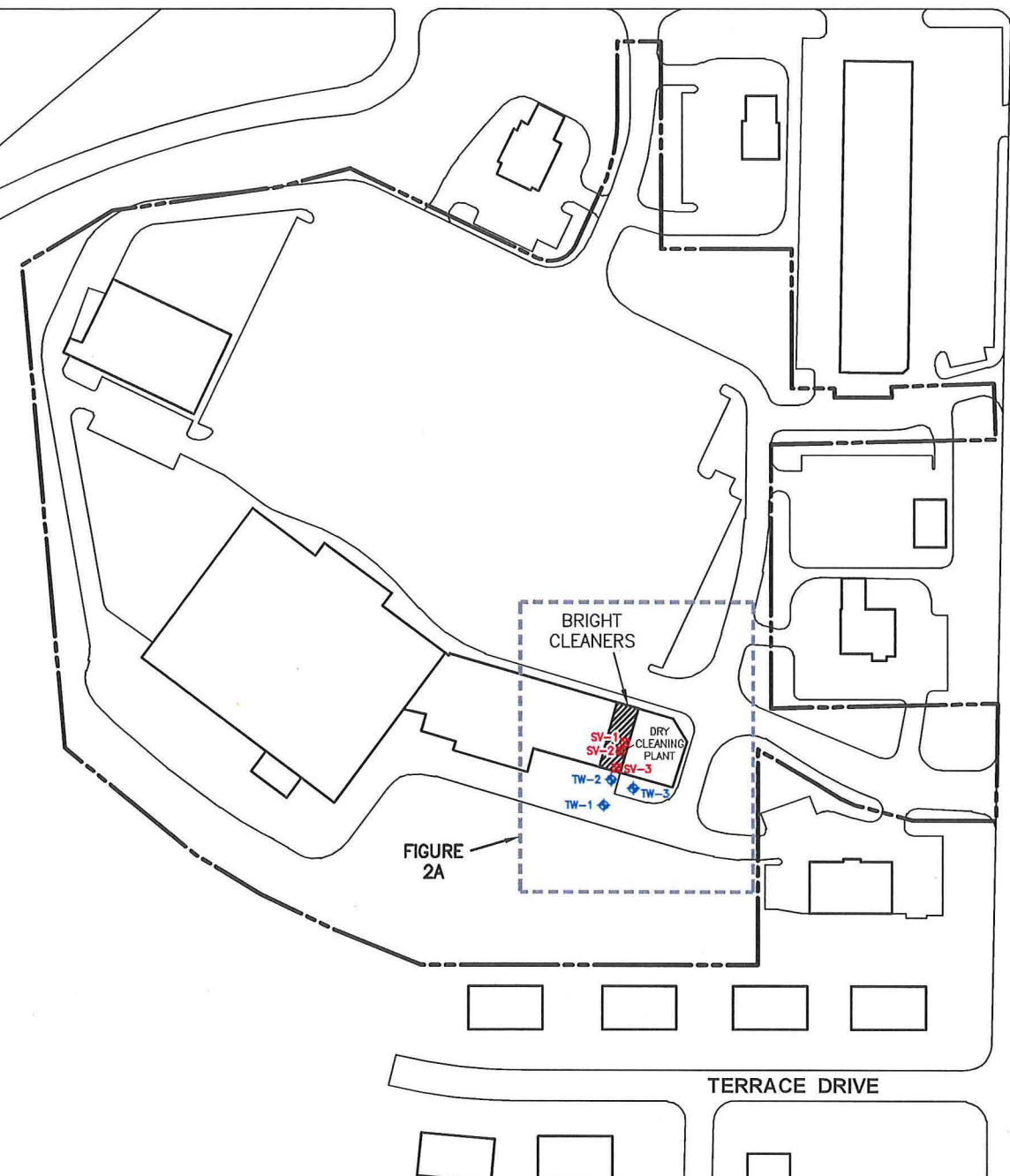
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	REVIEWED BY: PG
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<b>FIGURE B.2.a</b>	





WEST RAWSON AVENUE

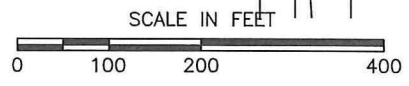
SOUTH 76th STREET

TERRACE DRIVE



LEGEND

-  SOIL BORING/TEMPORARY WELL LOCATIONS
-  SUB-SLAB VAPOR PROBE LOCATIONS



CHECK BY	JB
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DATE	9-8-16
SCALE	AS SHOWN
CAD NO.	PECO_2016.78B
PRJ NO.	PECO_2016.78

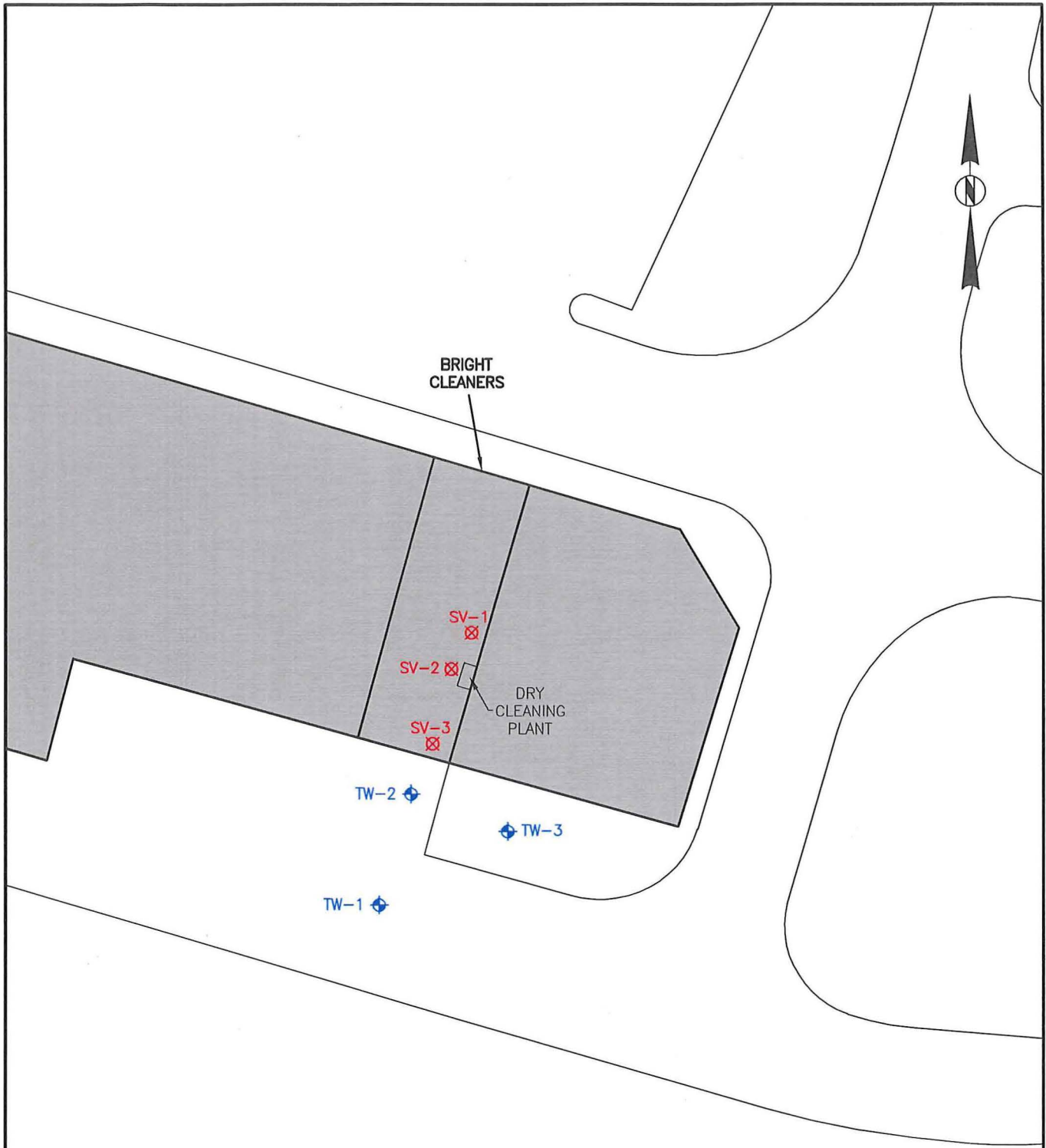
SITE PLAN

BRIGHT CLEANERS – FRANKLIN  
7249 SOUTH 76th STREET  
FRANKLIN, WISCONSIN



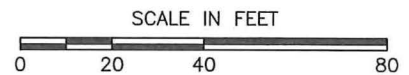
FIGURE

2



**LEGEND**

- ◆ SOIL BORING/TEMPORARY WELL LOCATIONS
- ⊗ SUB-SLAB VAPOR PROBE LOCATIONS



CHECK BY	JB
DRAWN BY	OS
DATE	9-8-16
SCALE	AS SHOWN
CAD NO.	PECO_2016.78B
PRJ NO.	PECO_2016.78

**SITE DETAIL**  
**BRIGHT CLEANERS – FRANKLIN**  
**7249 SOUTH 76th STREET**  
**FRANKLIN, WISCONSIN**



FIGURE  
**2A**

**Table 1**  
**Summary of Soil Data for**  
**Volatile Organic Compounds (VOCs)**  
**EPA Method 5035/8260B**  
**Bright Cleaners - Franklin Centre**  
**7249 South 76th Street, Franklin, Wisconsin**  
**concentrations in milligrams per kilogram (mg/kg)**

Boring Number	TW-1	TW-2	TW-2	Residual Contaminant Levels		
				Direct Contact		Soil to Groundwater
				Non-Industrial	Industrial	
Sample Depth (feet bgs)	14	11	12			
Acetone	<b>0.029</b>	< 0.053	< 0.058	63,800	100,000	1.8383
Benzene	<b>0.0018</b>	<b>0.00044</b>	<b>0.00045</b>	1.49	7.41	0.0026
Bromodichloromethane	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	0.39	1.96	<b>0.0002</b>
Bromoform	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	23.6	115	<b>0.0012</b>
Bromomethane	< <b>0.0097</b>	< <b>0.0070</b>	< <b>0.0077</b>	10.3	46	<b>0.0025</b>
2-Butanone	< 0.073	< 0.053	< 0.058	28,400	28,400	0.833
Carbon disulfide	<b>0.00019</b>	<b>0.00051</b>	< 0.039	738	738	0.2959
Carbon tetrachloride	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	0.854	4.25	<b>0.0019</b>
Chlorobenzene	< 0.0049	< 0.0035	< 0.0039	392	761	0.0679
Chloroethane	< 0.0097	< 0.0070	< 0.0077	2,120	2,120	0.1133
Chloroform	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	0.423	2.13	<b>0.0017</b>
Chloromethane	< <b>0.0097</b>	< 0.0070	< 0.0077	171	720	<b>0.0078</b>
Dibromochloromethane	< 0.0049	< 0.0035	< 0.0039	7.6	34.1	0.016
1,1-Dichloroethane	< 0.0049	< 0.0035	< 0.0039	4.72	23.7	0.2417
1,2-Dichloroethane	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	0.608	3.03	<b>0.0014</b>
1,1-Dichloroethene	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	342	1,190	<b>0.0025</b>
cis-1,2-Dichloroethene	< 0.0049	< 0.0035	< 0.0039	156	2,040	0.0206
trans-1,2-Dichloroethene	< 0.0049	< 0.0035	< 0.0039	1,560	1,850	0.0313
1,2-Dichloropropane	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	1.33	6.62	<b>0.0017</b>
cis-1,3-Dichloropropene	< <b>0.0019</b>	< <b>0.0014</b>	< <b>0.0015</b>	1,210	1,210	<b>0.0001</b>
trans-1,3-Dichloropropene	< <b>0.0019</b>	< <b>0.0014</b>	< <b>0.0015</b>	1,510	1,510	<b>0.0001</b>
Ethylbenzene	<b>0.00026</b>	< 0.0035	< 0.0039	7.47	37	0.785
2-Hexanone	< 0.019	< 0.014	< 0.015	244	1,770	NE
4-Methyl-2-pentanone	< 0.019	< 0.014	< 0.015	3,360	3,360	0.1126
Methylene Chloride	<b>0.0019</b>	< 0.0070	< 0.0077	60.7	1,070	<b>0.0013</b>
Methyl tertiary-butyl ether	< 0.0049	< 0.0035	< 0.0039	59.4	293	0.0135
Styrene	< 0.0049	< 0.0035	< 0.0039	867	867	0.11
1,1,2,2-Tetrachloroethane	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	0.753	3.69	<b>0.0000782</b>
Tetrachloroethene	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	30.7	153	<b>0.0023</b>
Toluene	<b>0.0017</b>	<b>0.00046</b>	<b>0.00041</b>	818	818	0.5536
1,1,1-Trichloroethane	< 0.0049	< 0.0035	< 0.0039	640	640	0.0701
1,1,2-Trichloroethane	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	1.48	7.34	<b>0.0016</b>
Trichloroethene	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	1.26	8.81	<b>0.0018</b>
Vinyl chloride	< <b>0.0049</b>	< <b>0.0035</b>	< <b>0.0039</b>	0.067	2.03	<b>0.000069</b>
Xylenes (total)	< 0.015	< 0.011	< 0.012	260	260	1.98

Notes:

bgs = feet below ground surface

TW-2 = Soil boring

< = Not Detected: Concentration less than the indicated laboratory detection limit

Detected compounds are shown as **bold**

NE = Remedial Objective not established

RCLs (Non-Industrial Direct-Contact) = Residual Contaminant Levels per the U.S. EPA's Regional Screening Level Web-Calculator (updated June 2016) in accordance with Wisconsin Administrative Code NR 720

RCLs (Industrial Direct-Contact) = Residual Contaminant Levels per the U.S. EPA's Regional Screening Level Web-Calculator (updated June 2016) in accordance with Wisconsin Administrative Code NR 720

RCLs (Soil to Groundwater) = Soil to Groundwater Residual Contaminant Levels per the U.S. EPA Regional Screening Level Web-Calculator (updated June 2016) in accordance with Wisconsin Administrative Code NR 720

Concentrations in excess of RCLs are shaded yellow

Exceeded RCLs are shaded green

Blue font shows laboratory detection limits in excess of Remediation Objectives



Table 2  
**Summary of Groundwater Data for  
 Volatile Organic Compounds (VOCs)  
 EPA Method 8260B  
 Bright Cleaners - Franklin Centre  
 7249 South 76th Street, Franklin, Wisconsin**  
 concentrations in milligrams per liter (µg/L)

Well Number	TW-1	TW-3	Groundwater Quality Standards		Vapor Risk Screening Levels
			Enforcement Standards	Preventative Action Limit	Commercial
Acetone	< 20	<b>0.012</b>	9,000	1,800	95,000,000
Benzene	< 0.50	<b>0.00024</b>	5	0.5	69
Bromodichloromethane	< <b>0.50</b>	< <b>0.50</b>	0.6	<b>0.06</b>	38
Bromoform	< <b>1.0</b>	< <b>1.0</b>	4.4	<b>0.44</b>	5,100
Bromomethane	< <b>5.0</b>	< <b>5.0</b>	10	<b>1</b>	73
2-Butanone	< 10	< 10	4,000	800	9,400,000
Carbon disulfide	< 5.0	<b>0.00034</b>	1,000	200	5,200
Carbon tetrachloride	< 0.50	< 0.50	5	0.5	18
Chlorobenzene	< 0.50	< 0.50	100	20	1,700
Chloroethane	< 5.0	< 5.0	400	80	97,000
Chloroform	< 0.50	< 0.50	6	0.6	36
Chloromethane	< <b>5.0</b>	< <b>5.0</b>	30	<b>3</b>	1,100
Dibromochloromethane	< 0.50	< 0.50	60	6	NE
1,1-Dichloroethane	< 0.50	< 0.50	850	85	330
1,2-Dichloroethane	< <b>1.0</b>	< <b>1.0</b>	5	<b>0.5</b>	98
1,1-Dichloroethene	< <b>1.0</b>	< <b>1.0</b>	7	<b>0.7</b>	820
cis-1,2-Dichloroethene	< 1.0	< 1.0	70	7	NE
trans-1,2-Dichloroethene	< 1.0	< 1.0	100	20	NE
1,2-Dichloropropane	< <b>1.0</b>	< <b>1.0</b>	5	<b>0.5</b>	110
cis-1,3-Dichloropropene	< <b>1.0</b>	< <b>1.0</b>	<b>0.4</b>	<b>0.04</b>	210
trans-1,3-Dichloropropene	< <b>1.0</b>	< <b>1.0</b>	<b>0.4</b>	<b>0.04</b>	210
Ethylbenzene	< 0.50	< 0.50	700	140	150
2-Hexanone	< 10	< 10	NE	NE	34,000
4-Methyl-2-pentanone	< 10	< 10	500	50	2,300,000
Methylene Chloride	< <b>5.0</b>	< <b>5.0</b>	5	<b>0.5</b>	20,000
Methyl tertiary-butyl ether	< 0.50	< 0.50	60	12	20,000
Styrene	< 1.0	< 1.0	100	10	39,000
1,1,1,2-Tetrachloroethane	< <b>0.50</b>	< <b>0.50</b>	<b>0.2</b>	<b>0.02</b>	140
Tetrachloroethene	< <b>1.0</b>	< <b>1.0</b>	5	<b>0.5</b>	240
Toluene	< 0.50	< 0.50	800	160	81,000
1,1,1-Trichloroethane	< 1.0	< 1.0	200	40	31,000
1,1,2-Trichloroethane	< 0.50	< 0.50	5	0.5	26
Trichloroethene	< <b>1.0</b>	< <b>1.0</b>	5	<b>0.5</b>	22
Vinyl chloride	< <b>1.0</b>	< <b>1.0</b>	<b>0.2</b>	<b>0.02</b>	25
Xylenes (total)	< 3.0	< 3.0	2,000	400	1,600

Notes:

TW-3 = Temporary monitoring well

< = Not Detected: Concentration less than the indicated laboratory detection limit.

Detected concentrations are shown in **bold**.

NE = Remedial Objective not established.

Groundwater Quality Standards cited in Wisconsin Administrative Code NR 140.10 Table 1

Vapor Risk Screening Levels for groundwater with a commercial property use based on the U.S. EPA Vapor Intrusion Screening Level Calculator (Version 3.5.1, May 2016) with an excess lifetime cancer risk of  $1 \times 10^{-5}$  in accordance with Wisconsin Administrative Code NR 716

- Concentrations in excess of GQs and/or VRSLs are shaded yellow (none detected)
- Exceeded GQs and/or VRSLs are shaded green

Blue font shows laboratory detection limits in excess of Remediation Objectives

**Table 3**  
**Summary of Soil Gas Data for**  
**Volatile Organic Compounds (VOCs)**  
**EPA Method TO-15**  
**Bright Cleaners - Franklin Centre**  
**7249 South 76th Street, Franklin, Wisconsin**  
**concentrations in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )**

Sub-slab Sample Number	SV-1	SV-2	SV-3	Sub-Slab Vapor Action Levels
				Commercial
Acetone	82	140	100	4,500,000
Benzene	2.9	1.4	3.4	520
Benzyl chloride	< 6.0	< 4.8	< 6.6	83
Bromodichloromethane	< 3.1	< 2.5	< 3.4	110
Bromoform	< 12	< 9.6	< 13	3,700
Bromomethane	<b>0.54</b>	<b>0.50</b>	<b>0.79</b>	730
1,3-Butadiene	< 1.0	< 0.82	< 1.1	140
2-Butanone	6.7	7.7	12	730,000
Carbon disulfide	<b>0.50</b>	< 1.2	<b>0.48</b>	3,100
Carbon tetrachloride	< 2.9	< 2.3	< 3.2	680
Chlorobenzene	< 2.1	< 1.7	< 2.4	7,300
Chloroethane	< 1.2	< 0.98	< 1.3	1,500,000
Chloroform	<b>0.22</b>	<b>0.36</b>	<b>0.62</b>	180
Chloromethane	< 2.4	< 1.9	< 2.6	13,000
Cyclohexane	2.5	1.3	4.6	880,000
Dibromochloromethane	< 3.9	< 3.2	< 4.3	NE
1,2-Dibromoethane	< <b>3.5</b>	< <b>2.9</b>	< <b>3.9</b>	6.8
1,1-Dichloroethane	< 1.9	< 1.5	< 2.1	2,600
1,2-Dichlorobenzene	<b>0.42</b>	< 2.2	< 3.1	29,000
1,3-Dichlorobenzene	1.9	1.1	4.9	NE
1,4-Dichlorobenzene	< 2.8	< 2.2	< 3.1	370
Dichlorodifluoromethane	2.3	2.3	2.1	15,000
1,2-Dichloroethane	< 1.9	< 1.5	< 2.1	160
1,1-Dichloroethene	< 1.8	< 1.5	< 2.0	29,000
cis-1,2-Dichloroethene	1.7	18	32	NE
trans-1,2-Dichloroethene	< 1.8	0.15	< 2.0	NE
1,2-Dichloropropane	< 2.1	< 1.7	< 2.4	410
cis-1,3-Dichloropropene	< 2.1	< 1.7	< 2.3	1,000
trans-1,3-Dichloropropene	< 2.1	< 1.7	< 2.3	1,000
1,4-Dioxane	< 4.1	2.7	2.4	820
Ethyl acetate	< 4.1	< 3.3	< 4.6	10,000
Ethylbenzene	3.9	2.8	6.1	1,600
4-Ethyltoluene	1.4	0.91	1.6	NE
Freon-113	< 3.5	<b>0.57</b>	<b>0.59</b>	4,400,000
Freon-114	< 16	< 13	< 18	NE
Heptane	5.5	2.7	13	NE
Hexachlorobutadiene	<b>0.74</b>	< 4.0	< 5.4	190
Hexane	6.4	2.7	11	100,000
2-Hexanone	3.1	2.9	4.9	4,400
Isopropyl alcohol	310	110	65	29,000
4-Methyl-2-pentanone	12	6.1	9.4	440,000
Methylene Chloride	<b>0.96</b>	< 13	< 18	88,000
Methyl tertiary-butyl ether	<b>0.25</b>	<b>0.33</b>	<b>0.28</b>	16,000
Naphthalene	2.8	1.8	4.1	120
Propene	6.3	3.6	5.5	440,000
Styrene	<b>0.78</b>	<b>0.32</b>	<b>0.54</b>	150,000
1,1,2,2-Tetrachloroethane	< 3.2	< 2.5	< 3.5	70
Tetrachloroethene	<b>12,000</b>	<b>44,000</b>	<b>1,900</b>	<b>5,800</b>
Tetrahydrofuran	8.4	4.1	5.6	290,000
Toluene	81	46	47	730,000
1,2,4-Trichlorobenzene	1.9	0.96	1.1	290
1,1,1-Trichloroethane	< 2.5	< 2.0	< 2.8	730,000
1,1,2-Trichloroethane	< 2.5	< 2.0	< 2.8	29
Trichloroethene	22	41	26	290
Trichlorofluoromethane	1.6	1.6	1.3	NE
1,2,4-Trimethylbenzene	5.1	3.9	7.5	1,000
1,3,5-Trimethylbenzene	1.4	0.91	2.0	NE
Vinyl acetate	< 16	< 13	< 18	29,000
Vinyl chloride	< 1.2	< 0.95	< 1.3	930
m,p-Xylene	8.8	6.0	12	15,000
o-Xylene	3.6	2.4	4.8	15,000
Xylenes (total)	12	8.5	17	15,000

**Notes:**

SV-2 = Sub-slab vapor sample

< = Not Detected: Concentration less than the indicated laboratory detect

Detected concentrations are shown in **bold**.

NE = Remedial Objective not established.

Sub-Slab Vapor Action Levels for a commercial property use based on the U.S. EPA Vapor Intrusion Screening Level Calculator (Version 3.5.1, May 2016) with an excess lifetime cancer risk of  $1 \times 10^{-5}$  in accordance with Wisconsin Administrative Code NR 716

- Concentrations in excess of Remediation Objectives are shaded yellow
- Exceeded Remedial Objectives are shaded green
- Blue font shows laboratory detection limits in excess of Remediation Objectives